

November 27, 2009

Tom A. Loski Chief Regulatory Officer

16705 Fraser Highway Surrey, B.C. V4N 0E8 Tel: (604) 592-7464 Cell: (604) 250-2722 Fax: (604) 576-7074

Email: tom.loski@terasengas.com

www.terasengas.com

Regulatory Affairs Correspondence Email: regulatory.affairs@terasengas.com

6<sup>th</sup> Floor, 900 Howe Street Vancouver, BC V6Z 2N3

**British Columbia Utilities Commission** 

Attention: Ms. Erica M. Hamilton, Commission Secretary

Dear Ms. Hamilton:

Re: Terasen Gas Inc. ("Terasen Gas")

Customer Care Enhancement Project Application for a Certificate of Public Convenience and Necessity ("CPCN") to Insource Customer Care Services and Implement a New Customer Information System ("CIS") (the "Application")

Response to the British Columbia Utilities Commission ("BCUC" or the "Commission") Information Request ("IR") No. 3

On June 2, 2009, Terasen Gas filed the Application as referenced above. In accordance with Commission Order No. G-134-09 setting out the Revised Regulatory Timetable for the Application, Terasen Gas respectfully submits the attached response to BCUC IR No. 3.

If you have any questions or require further information related to this Application, please do not hesitate to contact Danielle Wensink, Director, Customer Care & Services at (604) 592-7497.

Yours very truly,

**TERASEN GAS INC.** 

Original signed:

Tom A. Loski

Attachments

cc (email only): Registered Parties



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")  Information Request ("IR") No. 3	Page 1

#### **Current Customer Care Program**

1.0 Reference: Current Customer Care Program Exhibit B-19, IR 2.4.1

"New System Implementation as Contemplated in the Project

- The integration of the new system between other systems within the IT architecture are operational where necessary to support the new / enhanced business processes"
- 1.1 Please explain further the material referenced above.

#### Response:

This excerpt from the list of activities outlined in the response to the referenced IR refers to the activities of ensuring the new system operates effectively with the other applications in the Terasen Gas environment so that the existing processes function as required. These other system integration points would include Café, the Automated Mapping / Facilities Management (AM/FM) system, and the existing SAP platform including work order processing, meter management and financials. Previously these interfaces utilized a particular technology to accommodate the fact that the CIS system was outside of Terasen Gas' infrastructure. By bringing the CIS system inside the Terasen Gas environment, Terasen Gas' standard interface software, known as "middleware" will now be used. This will require these interfaces to be rewritten based on Terasen Gas' standard middleware software.



Submission Date: November 27, 2009

Response to British Columbia Utilities Commission ("BCUC" or the "Commission")
Information Request ("IR") No. 3

Page 2

#### **CIS Installation**

2.0 Reference: CIS Installation

Exhibit B-3, Volume 2B, Tab 3 – HCL Axon

Exhibit B-4, Appendix X, Financial Model, Spreadsheet 2

**HCL Axon and TGI Staff** 

The CIS project is a complex, significant information technology project. Terasen has spent considerable effort on identification of the appropriate software and system implementer. The CIS implementation requires a significant number of consultants and TGI staff over more than two years.

2.1 Please provide a simplified, as compared to spreadsheet 2, schedule of the software acquisition costs, the HCL Axon and SAP consultant costs, other consultant costs, and TGI staff costs, including expenses where applicable, for the total \$64 million in CIS Implementation cost. Please include the number of labour hours for the appropriate sections.

#### Response:

This response is filed in confidence as it contains commercially sensitive material of SAP and HCL Axon.

2.2 Please provide examples, potentially from Micon Consulting, SAP or HCL Axon, of other information system installations of similar size and complexity to show the relative percentages of installation cost components compared to the total project cost. If possible, please identify the number of consultant and client staff hours involved in these system installations.

#### Response:

There are many factors that go into the costs of a project. While some elements are reasonably consistent from project to project such as software costs, and system integrator costs specific to the implementation of the software, many other factors introduce significant variables in comparing costs across projects. Factors such as:

- the specific utility's resourcing strategy (in-house vs. outsourced),
- whether external QA services were used or not,
- fixed-price vs. time and materials,



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")  Information Request ("IR") No. 3	Page 3

- availability of internal expertise that can be dedicated to projects,
- what infrastructure is already in place,
- project timelines,
- · specific taxes and costs of capital,
- whether implementation partners are local or not,
- whether multiple currencies are involved or not,

all make side by side comparisons less meaningful.

TGI is not aware of instances where companies have published specific project budgets and resourcing details based on hours or numbers of consultants.

As part of the response to BCUC IR 1.32.2, Terasen Gas included industry benchmark costs for a project assuming SAP, one-time implementation for a project of comparable size and complexity provided by Micon Consulting. We have taken those costs to provide a response with the following assumptions:

- No taxes or AFUDC is included
- No licensing fees except for the initial CIS specific software acquisition is included
- No CWLP transition costs as this would be a unique situation for Terasen Gas.
- Hosting as per the benchmark refers to infrastructure hardware.

Category	Cost (as per Benchmark)	Percentage of Total Cost
CIS Software Licenses	\$ 10,500,000	13.3%
System Integrator / Vendor services and expenses	\$ 46,123,122	58.4%
Internal costs (labour, expenses, etc)	\$ 11,665,100	14.8%
Hardware	\$ 722,811	0.9%
Contingency	\$ 10,015,786	12.6%
Total	\$ 79,026,819	100%

Terasen Gas submits that perhaps a more meaningful comparison is the cost of the major components on a cost per customer basis. This better allows for a more meaningful comparison of like items. At the Customer Service flagship conference, "CS Week" held in Washington, DC in May in 2009, a research firm similar to Micon Consulting, TMG Consulting, presented the findings of the analysis of 20 utilities of various sizes and type (Gas, Electric, Water, large,



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")  Information Request ("IR") No. 3	Page 4

small, etc). Part of the presentation was the average costs of the key components of a project for the 20 utilities that were part of the study including the cost for each utility (anonymously). Terasen Gas has included the entire presentation as part of this response but has highlighted below some key points that Terasen Gas has been focused on for the proposed CCE Project.

#### Top Reasons Why CIS Projects Fail

- 1) Award work and develop contracts based on RFP responses without conducting due diligence, scope, and confirmation work.
  - **TGI response** Terasen Gas conducted multiple reference checks and has an extremely detailed requirements document on which the proposal was based.
- 2) Selecting solutions which are not complete and/or not installed at another location. Trying to do custom development.
  - **TGI response** Terasen Gas has chosen the recognized industry leader with over 600 installations world wide. It reviewed other alternatives and some required too much custom development to meet the Company's requirements.
- 3) Establishing false expectations regarding price, timeframe, and scope of the delivered solution. To be successful expectations must be realistic.
  - **TGI response** One key lesson learned in the presentation is "Plan for a significant contingency fund of 10% to 20% of total project dollars unplanned items will arise." TGI has provided a realistic project, scope and timeframe including what it believes to be a reasonable and prudent contingency fund.
- 4) Utilizing third party implementers and consultants who have no knowledge of the CIS product.
  - **TGI response** Through a thorough RFQ process, the Company has chosen one of the largest and most experienced SAP CIS implementers world wide. HCL Axon is the largest SAP practice globally.
- 5) The lack of strong executive involvement and project sponsorship, especially if multiple utilities and departments are involved.
  - **TGI response** The entire Terasen Gas executive team is fully committed to this initiative as indicated in our corporate priorities as well as the fact that four members of the executive team are involved in the ongoing Steering Committee
- 6) Lack project management to administer and control the entire project. The lack of a solid project work program is a big problem.



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")  Information Request ("IR") No. 3	Page 5

**TGI response** – HCL Axon brings a robust and proven project implementation methodology with an experienced project manager. TGI will also use third-party expertise in a QA role to ensure the project is reviewed from many different angles to ensure success.

7) Customization of a product solution versus configuration with a goal toward zero modifications.

**TGI response** – Terasen Gas has long learned this lesson with SAP through the company's 10 years of experience and this bullet speaks to the Terasen Gas philosophy that is already firmly entrenched in its internal standards.

8) The utility does not change business processes and tries to make the CIS product conform to existing processes and procedures.

**TGI response** – with the insourcing of the call centres and back office billing functions, Terasen Gas avoids the traditional change management issues around the lack of conformance to new processes from old as there will be all new staff with no familiarity of the new processes. As part of Terasen Gas' due diligence exercise, the software vendor conducted 8 days of product demonstration so that TGI could satisfy itself that the product could meet the requirements in a manner acceptable to Terasen Gas without having to customize the product. This success criteria goes hand in hand with item #7.

9) Lack of a comprehensive and ongoing training and education program.

**TGI response** – TGI is committed to the change management aspects of this project as has been learned through previous projects and will ensure this item is addressed.

10) The utility goes live before the system and the business is ready for production.

**TGI response** - One observation noted in the presentation as it pertains to project timings is "The average installation time is 18 months. However, 26% planned for a 20 to 24 month installation, 53% planned for a 16 to 18 month installation, and 21% planned for a 12 to 15 month installation. At this time 25% or 5 of the 20 projects are behind schedule." Terasen Gas has planned for a 22 month project with a three month stabilization period. The Company believes that this is an appropriate timeframe to ensure all aspects of the project can be addressed. With the proposed timeline, Terasen Gas believes it will be able to fully implement all currently identified scope, conduct thorough and rigorous testing and training and be well prepared for the proposed go-live date. This assumes the proposed start date of March 1, 2010.

The full presentation is included in Attachment 2.2.



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")  Information Request ("IR") No. 3	Page 6

Terasen Gas also felt it would be beneficial to compare the proposed project to the results of the study. This portion of the response is filed separately confidentially due to the commercially sensitive nature of some of the information, specifically around the costing of SAP and HCL Axon.



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission November 27
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")	_

n Date: 27, 2009

Information Request ("IR") No. 3

Page 7

3.0 Reference: **CIS Installation** 

> Exhibit B-4, Appendix X, Financial Model, Spreadsheet 2 Consultants for CIS Installation

3.1 Please explain the services to be provided by the consultants/contractors detailed on lines 66, 70, 71, and 72 of spreadsheet 2.

#### Response:

The services provided by the consultants / contractors detailed on line 66 is for data conversion services.

The services provided by the consultants / contractors detailed on line 70 is for technical and functional support related to the existing systems and processes, specifically the Peace and billing environment.

The services provided by the consultants / contractors detailed on line 71 is for technical support of applications that will be impacted by the implementation of the new CIS, specifically the Café and Web applications.

The services provided by the consultants / contractors detailed on line 72 is for functional support of applications that will be impacted by the implementation of the new CIS, specifically in the area of Work Orders, Field Services and Distribution Mobile Solutions.

All costs in lines 66, 70, 71 and 72 of spreadsheet 2 are required to support the successful introduction of the Customer Care Project.

3.2 Please explain the process to select these consultants/contractors, including comments on the tendering process.

#### Response:

As outlined in the Amended Application (section 2.3.1.2.1.2 Additional Third-Party Implementation Resources), Terasen Gas' business model is to supplement its internal resources with third-party resources. The consultants / contractors associated to lines 70, 71 and 72 have worked with Terasen Gas over the years to support internal staff on project specific work as well as ongoing maintenance support in various areas. All three groups have worked with Terasen Gas off and on for over 10 years and are the natural extension of internal



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")
Application for a Certificate of Public Convenience and Necessity ("CPCN") for the
Customer Care Enhancement Program (the "Project")

Submission Date: November 27, 2009

Response to British Columbia Utilities Commission ("BCUC" or the "Commission")
Information Request ("IR") No. 3

Page 8

resources to provide support for the Project in the areas identified in the response to BCUC IR 3.3.1.

The consultants/contractors associated to line 66 were engaged after research by Terasen Gas into supplemental resources to support the data migration from Peace to SAP. Key individuals of this company have hands-on experience with Peace as they previously conducted the data migration services for the Peace implementation at Xcel Energy, the largest existing Peace implementation, based on number of customers. They also have a very strong methodology and toolset that focuses on data migration and data quality. The combination of these very unique skills led the Company to choose this consulting firm to lead the data migration activities for the Project. Given the limited resources familiar with the Peace product, Terasen Gas has engaged these consultants after conducting reference checks.

3.3 Please indicate any potential impact on the fixed price for HCL Axon, and therefore the Project, if any of these other contractors do not perform and deliver as required within the total project schedule. Please comment on the actions taken to mitigate this risk.

#### Response:

As part of the agreement between HCL Axon and Terasen Gas on which the fixed price is based, roles and responsibilities were identified. Terasen Gas' resourcing strategy to meet its roles and responsibilities is a combination of internal staff and third-party consultants. To the extent that HCL Axon is unable to meet its obligations by virtue of an established failure by Terasen Gas and/or its third party consultants to meet its defined responsibilities in respect of HCL Axon, it is possible that an adjustment to HCL Axon's delivery date and/or potentially the HCL Axon fixed price might be required.

A key to the successful implementation of any project is ensuring the project is resourced with an experienced team and a strong project management methodology. Please refer to Confidential Exhibit B-3, Attachment VI, HCL Axon's Work Methodology, Section 13 Project Governance and Section 14, Risk Management pp 113-126 for detailed discussion on how TGI intends to mitigate project risks, including risks to the Project budget and schedule. Also refer to the response to BCUC IR 1.48.2 for further discussion around risk mitigation and consultants. This would be applicable to the consultants/contractors associated with line 66. The consultants associated to lines 70-72 are all known entities to Terasen Gas and based on the years of experience with these groups, Terasen Gas is confident that they will continue to provide excellent support to this Project.



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")  Information Request ("IR") No. 3	Page 9

4.0 Reference: CIS Installation

Exhibit B-4, Appendix X, Financial Model, Spreadsheet 2 Consultant Expenses for CIS Installation

4.1 Please expand on how the estimates of expenses on lines 146 to 149 of spreadsheet 2 were calculated. If these are percentages, please provide the line numbers containing the consultant/contractor costs used in the calculation.

#### Response:

The expenses that are represented on lines 146 to 149 of spreadsheet 2 represent the costs associated with a third-party consultant (assumes US based) for flights, accommodations, per diem, airport transportation / parking, car rental, and miscellaneous expenses. Terasen Gas, working with HCL Axon, determined an average monthly cost per employee. This amount was then multiplied by the number of consultants planned to be working on the project month by month. This was used as the basis of expense budgets for all third party consultants assumed to be onsite by month. To find the estimated monthly amount, please refer cell J146 which assumes 2 consultants.

It should be noted that no expenses are covered under a fixed price agreement. All expenses are paid as incurred. Terasen Gas and all third-party consultants will work to minimize expenses once the project starts, specifically as it pertains to accommodations and travel.

4.2 Please explain the services to be provided by the consultant detailed on line 150 of spreadsheet 2, and detail where the related consulting costs are in Spreadsheet 2.

#### Response:

The services provided by the consultant detailed on line 150 of spreadsheet 2 are required for functional support and subject matter expertise around order processing and meter management services. The consultant will also provide backfill for Terasen Gas staff that will be committed to the project on day to day operational duties. The related consulting cost can be found on line 76 in Spreadsheet 2.



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")  Information Request ("IR") No. 3	Page 10

5.0 Reference: CIS Installation

Exhibit B-4, Appendix X, Financial Model, Spreadsheet 2

**US\$** Exposure

5.1 Please comment on the US\$ exposure, including the percentage(s) used in the cost estimates.

#### Response:

While the foreign exchange forecast is for a stronger dollar, Terasen Gas expects continued volatility and believes the forecast being used remains reasonable.

Year	2010	2011	2012	Total
Exchange rate	14%	11%	10%	
US\$ costs in project budget	\$ 7,919,405	\$ 7,715,109	\$ 2,933,371	\$ 18,733,914
US costs converted to CD\$	\$ 9,028,122	\$ 8,563,771	\$ 3,226,708	\$ 20,818,601
Calculated exchange in CD\$	\$ 1,108,717	\$ 848,662	\$ 293,337	\$ 2,250,716

5.2 Please detail the current expectation on the US\$ exchange rate and any resulting impact on the Project estimate.

#### Response:

As discussed in the response to BCUC IR 3.5.1, the Project implementation cost assumes a US exchange rate of 1.14 in 2010, 1.11 in 2011, and 1.10 in 2012 for any goods and services purchased in the United States. Based on bank economists' current forecasts, foreign exchange rate estimates are approximately 1.05, for each of 2010, 2011 and 2012. Applying this updated exchange rate to the Project costs would result in a reduction to total project costs of approximately \$1.3 million.

Given the current volatility of the currency exchange markets, Terasen Gas believes it is prudent to leave the existing US exchange rate assumption unchanged. Any favourable variance that is realized as a result of an improved US exchange rate when expenditures are made during the implementation of the Project will result in a lower implementation cost to the benefit of customers.



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")	Page 11

6.0 Reference: CIS Installation

**Exhibit B-4, Appendix X Detailed Costs and Financial Model** 

Exhibit B-16, IR 2.22.1

**SAP Archive link by Opentext** 

6.1 Please confirm the number of licenses for the Opentext - archiving software, and location of the calculation in Spreadsheet 2.

#### Response:

Opentext licenses are based on one license per user. The number of Opentext licenses used in the calculation was 375. The location of the calculation can be found in cell H128 of Spreadsheet 2.

The preliminary estimate was 350 as reflected in the description found in cell A128 of Spreadsheet 2, however, the number was subsequently increased, but the descriptor was inadvertently left as per the preliminary budget. The delta between 350 and 375 represents 0.008% of the overall project budget. Final licensing true-ups will be done via a license audit in 2012.



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")	Page 12

#### **Financial Analysis**

7.0 Reference: Financial Analysis

Exhibit B-4, Appendix X Detailed Costs and Financial Model

Exhibit B-10, Attachment 27.1

**Updated Costs** 

7.1 Please provide a detail listing of all changes that have been made to any quantitative analysis or schedules that were filed with the Amended Application, referenced to the IR supporting the adjustment.

#### Response:

The table below provides a summary of the impact on the total project costs, future O&M in 2012 and the levelized cost per customer of all corrections and updates that have been made to date (i.e. up to and including this round of IR responses) since the Amended Application was filed on August 28, 2009:

	Amended Application		IR 1		IR 2		Current
Summary of Changes	28-Aug-09	Changes	2-Oct-09	Changes	10-Nov-09	Changes	27-Nov-09
A. Future Customer Care Function							
Project Costs (\$ millions)	122.1	0.0	122.1	-	122.1	(6.6)	115.5
Future O&M (\$ millions)	46.1	0.1	46.2	-	46.2	-	46.2
20 Year Levelized Cost/Customer (\$)	67.50	(0.63)	66.87	(0.19)	66.68	(0.37)	66.31
B. Current Customer Care Function							
20 Year Levelized Cost/Customer	71.70	0.29	71.99	(0.29)	71.70	-	71.70
Increase / (Decrease) in Levelized Cost/Customer	(4.20)	(0.92)	(5.12)	0.10	(5.02)	(0.37)	(5.39)

Attachment 7.1a provides a detailed listing of the changes to date and if applicable, the corresponding IR supporting the adjustments.

For further reference, the current versions of the Appendix K – Financial Schedules and the Consolidated Appendix K- Financial Schedules reflecting all corrections and updates made to date (i.e. up to and including this round of IR responses) have been included as Attachment 7.1b and Attachment 7.1c, respectively.

Please note that these versions reflect the current accounting treatment so as to permit isolation of Project costs independently from the transition to IFRS. Please refer to the response to BCUC IR 3.9.11 for the current version of the Appendix K – Financial Schedules that also reflects the inclusion of the estimated Accounting Changes and IFRS impacts.



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")  Information Request ("IR") No. 3	Page 13

The remaining portion of this response has been provided to the Commission confidentially under separate cover.

7.2 Please update and file Appendix K – Financial Schedules, reflecting all changes that have been made since the Amended Application was filed. Please identify line by line each change as compared to the financial analysis and supporting worksheets filed in the Amended Application. Please provide specific comments on any item with a significant impact on the Project cost.

#### Response:

Please see the response to BCUC IR 3.7.1 which includes the current version of the Appendix K- Financial Schedules and reflects all changes that have been made since the Amended Application was filed.

Attachment 7.2 provides an analysis of the line by line changes to the Appendix K – Financial Schedules, comparing the Amended Application to the current version of Appendix K – Financial Schedules

As evident on Financial Schedule 1 of Attachment 7.2, there has been a further reduction of approximately \$6.6 million in the estimated Project implementation costs. This change is attributable to a revision made to the transition costs and changes to software costs; these changes are all described and referenced in Attachment 7.1. This change impacts all of the Appendix K- Financial Schedules.

In addition to the impact of the change in project costs, there are two key driving factors with respect to the additional changes in the Appendix K - Financial Schedules:

#### 1. Formula logic changes

Subsequent to filing the Amended Application, and in conjunction with preparation for round one IR responses, Terasen Gas discovered errors in the financial model used to calculate the levelized cost per customer and used to produce the Appendix K financial schedules. The overstatement of the levelized cost per customer in the Amended Application was largely related to formula problems associated with the calculation of the net plant in service and rate base. All of the financial schedules have been revised to reflect the following changes:

- a) Correction of a row reference error used in the formula that calculates plant retirements
- b) Correction of two cell reference errors in the depreciation expense formula



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")	Page 14

- c) Correction of a cell reference error in the deferred charge amortization formula
- d) Correction to incorrect cell entry of service insourcing 2012 capital spending
- e) Minor correction of less than \$0.04 million to the lease payment entered into the model and \$0.9 million addition of recurring hardware capital spending every five years
- f) Minor correction to O&M costs input into the model (change of less than 0.01% over the life of the project)
- g) Minor correction to the ROE input for TGVI and TGW (the change slightly impacted the earned return component of the cost of service and the discounted cash flow analysis)
- h) Correction of the CCA rate reference for internal labour, materials and training
- i) Correction of the CCA rate related to hardware used in the accounting change and IFRS version of the financial model

#### 2. Removal of capitalized overhead

This change was discussed in the response to BCUC IR 2.25.7 (excerpt below) and was the only change that impacted the financial schedules between round one and round two information requests:

"Although capitalized overhead is not directly applied to CPCN projects, because of the large amount of operating and maintenance expense Terasen Gas had included the impacts of capitalized overhead to reflect the rate impact on customers of the implementation of the CCE CPCN. Upon further consideration, the Company agrees that applying capitalized overhead to the CCE CPCN does not provide for a true comparison of the two alternatives for the purpose of evaluating the Project from a cost of service perspective. Therefore, the financial model for the CCE CPCN has been updated to remove the affects of capitalized overhead."

7.3 When updating Appendix K please ensure that a consolidated version is included similar to the one filed with Exhibit B-10, Attachment 127.1.

#### Response:

Please see the response to BCUC IR 3.7.1 which includes the current version of the Consolidated Appendix K - Financial Schedules and reflects all changes – corrections and updates – that have been made since the Amended Application was filed on August 28.



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission") Information Request ("IR") No. 3	Page 15

Attachment 7.3 provides an analysis of the line by line changes to the Consolidated Appendix K – Financial Schedules, comparing the Amended Application to the current version of Consolidated Appendix K – Financial Schedules.



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")  Information Request ("IR") No. 3	Page 16

8.0 Reference: Financial Analysis

Exhibit B-4, Appendix X, Financial Model, Spreadsheet 2 Introduction of HST

8.1 Please comment on the probable introduction of HST in 2010 and any resulting impact on the Project estimate.

#### Response:

The anticipated impact to the Project of the recently announced HST is that certain costs will decrease. However, draft legislation has not been released by the Federal and Provincial governments, and the exact impact of the HST cannot be determined until the draft legislation is available.

Based on what has been announced to date, however, the Company has identified some of the expected savings below.

Certain goods and services, which are currently subject to Social Services Tax of 7%, will be subject to HST instead, if the goods are received or the services are provided subsequent to July 1, 2010. The Company should be able to claim a full Input Tax Credit for HST on these costs. This should result in a 7% lower cost for items in this category, which include:

- materials and freight on materials;
- legal fees incurred in BC;
- · office supplies;
- furniture and equipment;
- software licenses; and,
- computer hardware.

While Terasen Gas will endeavour to manage the timing of the acquisition of items that would be impacted by the tax change, this will have to be managed against the needs of the Project which may require some items to be acquired before the proposed July 1, 2010 date. Based on the preliminary project plan to date, Terasen Gas is anticipating a potential saving of approximately \$500,000. These will be reviewed on a case by case basis in the initial project planning phase currently scheduled for March – April 2010.



Submission Date: November 27, 2009

Response to British Columbia Utilities Commission ("BCUC" or the "Commission")
Information Request ("IR") No. 3

Page 17

#### **Levelized Cost per Customer**

9.0 Reference: Financial Analysis

Exhibit B-4, Table 2.2, p. 17

Exhibit B-10, IR; 1.113.1., 1.120.8

Exhibit B-19, IR; 2.25.2, 2.25.8, 2.27, 2.28

**Exhibit B-8, IR 1.6.2** 

Levelized Cost per Customer

It should be noted that Commission staff understands that Terasen is not requesting approval of future O&M costs; however, an understanding of estimated future O&M costs is necessary in order to fully evaluation the CPCN Application.

9.1 Please confirm that the forecasted O&M costs are an integral component in the 'Levelized Cost per Customer' calculation and the 'Revenue Requirements Analysis'.

#### Response:

Terasen Gas agrees that the forecasted O&M costs are an integral component in the levelized cost per customer calculation and in the revenue requirements analysis.

Terasen has commented on several occasions that the Levelized Cost per Customer relating to the current customer care solution needs to be interpreted with caution as it does not contain costs necessary to place it on a 'sustainable footing' with the proposed customer care solution. Commission staff notes this difference; however, Terasen did not provide a cost/benefit analysis of any other alternatives relating to the Billing and Back Office function or the Call Center and therefore no other comparative financial information is available for comparison. As a result of the limited financial information available for comparison, an in-depth understanding of the Levelized Cost per Customer of the current customer solution has been determined to be necessary.

#### Levelized Cost per Customer - Current Customer Care Program

In IR rounds 1 & 2 Commission staff attempted to obtain an understanding of how the \$71.70 Levelized Cost per Customer for the existing customer care program was calculated. Commission staff wanted to confirm if the inputs used in the calculation



Submission Date: November 27, 2009

Response to British Columbia Utilities Commission ("BCUC" or the "Commission")
Information Request ("IR") No. 3

Page 18

agrees to the "Annual Total Customer Care Costs' of the existing customer care program provided in Exhibit B-4 (Amended Application) Table 2.2, p. 17 and expanded to 2020 in Exhibit B-10, IR 1.113.1.

However, in response to BCUC IR 2.25.2 it was determined that the input used to calculate the Levelized Cost per Customer of the existing customer care program were taken from confidential Schedule 1 and did not agree with 'Annual Total Customer Care Costs' of the existing customer care program noted above.

Terasen response to BCUC IR 2.25.2 is as follows: "A difference results because Schedule 1 reflects **the total cost of service** associated with the existing customer care contract so that it can be compared to the CCE CPCN, while the response to BCUC IR 1.113.1 ['Annual Total Customer Care Costs'] **only** reflects the operating and maintenance expense of the existing client services agreement."(emphasis added)

9.2 Given that only operating and maintenance expense relate to the existing customer care contract what are the 'total customer care cost' Terasen is referring to, and how do they vary from the values provided in the Revised Application Table 2.2, and IR 1.113.1 'Annual Total Customer Care Costs'?

#### Response:

This response addresses BCUC IR 3.9.2, BCUC IR 3.9.3, and BCUC IR 3.9.5.

The second paragraph of the preamble to question BCUC IR 3.9.2 incorrectly refers to "confidential Schedule 1", and should instead refer to "Confidential Spreadsheet 1, Schedule 7".

The customer care costs provided in Table 2.2 of the Amended Application and extended in BCUC IR 1.113.1 represent primarily the O&M costs incurred in providing customer care services under the current customer care model. Specifically, these costs include the cost of the Client Services Agreement with CWLP, the O&M costs to administer the customer care function by the Company, and the cost of service of the Banner Conversion. Summing the cost of these items results in a view of "total customer care costs" that is similar to the cost of service of this function but is not exactly the same as a "cost of service" calculation. Table 2.2 was only provided to illustrate the cost of the current customer care function as part of the background information and was not used to complete a cost comparison with the Project.

In order to complete a meaningful cost comparison of the current customer care function with the Project, a cost of service calculation is required for both. This calculation was completed and the results (\$71.70 per customer) referenced in section 6.4 of the Amended Application. It was referred to as a cost of service analysis. At the time that the Amended Application was written, it was assumed that readers would be familiar with the difference between the costs set



Submission Date: November 27, 2009

Response to British Columbia Utilities Commission ("BCUC" or the "Commission")
Information Request ("IR") No. 3

Page 19

out in Table 2.2 and those in section 6.4. The Company recognises in hindsight, that additional foot notations would have been helpful to make this difference better understood.

As discussed above, the difference between the operating and maintenance costs as identified in BCUC IR 1.113.1 and the total costs as identified in Confidential Spreadsheet 1 on Schedule 7 (as referenced in BCUC IR 2.25.2) are attributable to the calculation of the cost of service. Specifically, in lieu property taxes are not included as an operating departmental cost and thus not included as a cost item in Table 2.2, or its extension in 1.113.1, but need to be included as a component of the cost of service calculation in order for it to be properly calculated. The remaining minor amount is largely attributable to a rounding discrepancy resulting from using unrounded operating and maintenance expenses inputs into the financial model. The following schedule breaks out these two amounts and reconciles the estimated customer care operating and maintenance costs of the existing arrangement with the estimated cost of service of the existing arrangement.

### Total Existing Customer Care Costs (\$000's) Reconciliation of O&M Expense to Cost of Service

	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u> 2020</u>
Customer Care O&M Costs (BCUC IR 1.113.1)	62,819	64,850	66,125	66,433	67,813	69,234	70,466	72,321	73,757
Add: Estimated Property Tax Expense	-	575	617	644	663	677	690	704	717
Add: Other*	77	79	9	(58)	(99)	(144)	(191)	(236)	(279)
Customer Care Cost of Service (Financial Schedule 7, line 70)	62,896	65,504	66,751	67,019	68,377	69,766	70,966	72,789	74,194

<sup>\*</sup>Other includes rounding impact because figures input into Financial model are not rounded to the nearest thousand

In specific response to BCUC IR 3.9.5, Table 2.2 of the Amended Application should not be used to compare the current model with the levelized cost of service per customer of the Project for the reasons described above.

9.3 Please confirm that if the Levelized Cost per Customer of the existing customer care solution had been calculated using the values provided in the Revised Application and IR 1.113.1 being the 'Annual Total Customer Care Costs', the Levelized Cost per Customer of the current customer care solution would have been lower than the Levelized Cost per Customer using the values from Confidential Spreadsheet 1. (see table below for summary)



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")  Information Request ("IR") No. 3	Page 20

			20 Years	10 Year	8 Years
Levelized	Cost per Customer (e	existing customer care program)			
	Exhibit B-4, Table 2.2	2, p. 17; Exhibit B-10, IR 1.113.1	\$ 71.43	\$68.45	\$67.86
	Terasen Confidentia	l Spreadsheet 1	\$ 71.70	\$68.88	\$68.34
	Variance		\$ 0.27	\$ 0.43	\$ 0.48

#### Response:

Please refer to the response to BCUC IR 3.9.2.

9.4 Please reconcile the 'Annual Total Customer Care Costs' of the existing customer care solution in the Revised Application Table 2.2 and IR 1.113.1 with the values used to calculate to Levelized Cost per Customer in Schedule 1.

#### Response:

Please see the response to BCUC IR 3.9.2.

9.5 Please explain why Terasen though it appropriate to use the values from Schedule 1 to calculate the Levelized Cost per Customer of the existing customer care solution when these amount were not disclosed or discussed in the narrative section of the Amended Application.

#### Response:

Please refer to the response to BCUC IR 3.9.2.



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")  Information Request ("IR") No. 3	Page 21

Terasen has stated several times that the Levelized Cost per Customer of the current customer care program does not contain costs necessary to place it on a sustainable footing with the proposed customer care solution.

9.6 Does a 'sustainable footing' refer to improvements due to the proposed CIS platform or to the future benefits of the additional services forecasted to be provided by the Call Center and the Billing and Back Office functions, or something else? Please discuss.

#### Response:

The sustainability of TGI's customer care function requires the essential components of the customer care function to be able to respond to existing requirements, and have the flexibility to address changes in TGI's business environment and customer requirements as they arise. Meeting the objective of sustainability requires:

- (1) an appropriate CIS platform and related call centre technologies to facilitate multi channel communication without the requirement for extensive modification and customization, and
- (2) customer care representatives, and billing and back office employees that are trained and equipped to a degree that they can effectively respond to evolving customer and business requirements.

The Project addresses both of these prerequisites of sustainability. TGI does not believe it is practical to make the current customer care model sustainable, even through considerable investment.

Each of these two elements of sustainability, and the reasons why the current model is not sustainable, are discussed below. (Section 3.3.3.1 of the Amended Application provides a detailed discussion of the sustainability concerns the Company faces with the current customer care arrangement.) Also discussed in this response is the expected impact of these elements of sustainability on levelized cost comparison as part of a Project alternatives analysis.

#### **CIS Platform and Related Call Centre Technology**

Investment is required to upgrade to more robust CIS and call centre technologies. The need for more configurable and functionally rich technologies to support the Company's changing business requirements as well as meeting customers' expectations are not supported through the current CIS. Terasen Gas does not believe that the current CIS will be able to support the currently identified requirements or provide an adequate platform to support additional change cost effectively in the future. From a technical perspective, replacing the existing CIS and



Submission Date: November 27, 2009

Response to British Columbia Utilities Commission ("BCUC" or the "Commission")
Information Request ("IR") No. 3

Page 22

related call centre technology with a commercial off the shelf solution is much easier to sustain than a heavily customized CIS technology. Even if it is technically possible to achieve particular functionality with a customized solution at a point in time, the ongoing costs and complexity of maintaining the CIS only increase with the degree of customization. TGI's other concerns regarding the existing CIS have been detailed in Sections 4.1.3.4.1 and .2 of the Amended Application which discuss TGI's concerns regarding the current ownership structure and ongoing development and sustainment models.

Call centre technologies have also evolved beyond that which is currently in place to support customer preferences for multi-channel interaction. As discussed in Section 4.3.2.2.1 and BCUC IRs 1.62.1 through 1.62.7 modern call centre technologies meet customers changing expectations for alternate ways of communicating with the Company while enabling cost savings as these channels support greater automation and reduced staffing requirements. The integration of these new call centre technologies with a leading CIS system enable these opportunities.

#### **Skilled Workforce**

The second component of sustainability is the need to support a more skilled workforce with a high degree of regional knowledge. For a discussion of the value of regional knowledge in contributing to customer service quality see the response to BCUC IR 1.76.1. The Company does not believe that the workforce skill set required to support the increasingly more complex business requirements of the energy industry can be supported through an outsourced environment.

#### **Levelized Cost Comparison**

In terms of the levelized cost comparison undertaken, TGI recognizes the importance of understanding how the implementation of the Project compares in terms of cost of service today. TGI's note of caution about sustainability is intended to convey that the cost information associated with the current model is not representative of what it would cost customers to keep the current model "limping along", to use a colloquialism. The following cost implications must be recognized if there is a desire, despite the sustainability concerns with the current model, to treat the levelized cost comparison as an element of a Project alternatives analysis, as implied in the preamble:

(1) The Company does not believe that the level of functionality required now and in the future will be able to be supported through the current CIS. The costs of modifying and customizing to add customer service channels or improve service metrics is not part of the cost per customer for the current customer model, which is calculated based on



Submission Date: November 27, 2009

Response to British Columbia Utilities Commission ("BCUC" or the "Commission")
Information Request ("IR") No. 3

Page 23

Base Fees under the CSA. For a detailed description of all of the costs included in the current model see BCUC IR 1.113.1. The cost of customizing and implementing workarounds is uncertain, but the price charged to TGI by CWLP would ultimately be dictated to a certain extent by the outsourcer. Any cost associated with upgrading the current CIS would be substantial and would require additional operating cost to support workarounds that would be needed to manage increasingly complex business processes. Adding any portion of that additional cost to the levelized cost of the current customer care function will increase the cost advantage that the Project already enjoys when determined over 20 years.

(2) The levelized cost of the Project used in the Amended Application relies on a number of conservative assumptions, and the levelized cost can be expected to be lower than that presented by an amount still to be determined. For instance, the cost savings that are enabled by the combination of the new technologies and operating environment are not estimated in the forecasted costs for the proposed solution although are expected to be available. Using the new integrated multi-channel call centre functionally as an example including support for increased customer self-serve, refer to BCUC IR 1.69.1 (filed in confidence) which provides an analysis of the expected potential labour savings that would result from a reduction in calls as customers move to self serve or less labour intensive communications channels. In this analysis a 20% reduction in labour would result in a cost savings of \$1.97 per customer in 2013 as an example. The expected benefits of lower cost communication channels as well as the operational synergies of an integrated SAP CIS solution enabled through the Project will result in long term operational cost savings that will accrue to customers. The solution proposed is expected to support these opportunities.

In summary, any comparison of levelized cost per customer between the current customer care model and the solution the Project will deliver must consider the sustainability concerns discussed above. This includes the inherent risk and cost exposure of the current model in providing a stable and flexible technology platform responsive to a rapidly changing business environment. Additionally, the challenges in implementing business process change to sustain or improve customer service quality in the future or enable the Company to respond cost effectively to changing business needs and customer expectations or take advantage of the cost savings enabled by modern technologies must be considered.



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")  Information Request ("IR") No. 3	Page 24

9.7 Given that "None of the annual cost/benefit projections for the cost of service per customer contain any of the future benefits which Terasen Gas intends to build on top of this CCE project platform." (Exhibit B-8, IR 1.6.2) would it not be fair to conclude that the Levelized Cost per Customer of the proposed solution is comparable to the Levelized Cost per Customer of the proposed solution given that the additional benefits of the proposed solution have not been built into the Levelized Cost per Customer.

#### Response:

The question contains a duplicate reference to "the proposed solution", one of which the Company assumes was meant to refer to "the current customer care arrangement" so as to require a comparison as between them.

Terasen Gas does not agree that the levelized cost of the current customer care arrangement and the Project are comparable. As discussed in the response to BCUC IR 3.9.6, the Company does not believe that the level of functionality required now and in the future will be able to be supported through the current CIS. If a cost were to be attributed to upgrading and sustaining the current CIS it would be substantial and would require additional operating cost to support workarounds that would be needed to manage increasingly complex business processes. Adding any portion of that additional cost to the levelized cost of the current customer care function will increase the cost advantage that the Project already enjoys.

The inclusion of additional cost benefits to the proposed solution has a similar effect. Refer to the analysis provided in BCUC IR 1.69.1 (filed in confidence) as an indication of the impact on labour cost of customers moving to greater self serve or lower cost communication channels enabled through the proposed model. In this analysis a 20% reduction in labour would result in a cost savings of \$1.97 per customer in 2013, and beyond, as an example. The expected benefits of lower cost communication channels as well as the operational synergies of an integrated SAP CIS solution enabled through the Project will result in long term operational cost savings that will accrue to customers. The solution proposed will support these opportunities. These cost advantages enjoyed by the proposed solution will be in addition to what has been conservatively included in the Amended Application.



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission") Information Request ("IR") No. 3	Page 25

#### Levelized Cost per Customer Calculated Over a 20 Year Period

Please confirm that the Levelized Cost per Customer of the existing and the proposed solution over a 20, 10, and 8 year period are as follows.

9.8 Please confirm the values prepared in the table below.

Levelized	Cost per Customer			
		20 Years	10 Year	8 Years
Levelized	Cost per Customer (existing)			
	Exhibit B-19, IR 2.25.4	\$ 71.70	\$68.88	\$68.34
	Under IFRS and Proposed Equity Return (NO DIFFERENCE)*			
Levelized	Cost per customer (proposed)			
	Exhibit B-19, IR 2.26.3	\$ 66.88	\$69.14	\$70.47
	Exhibit B-19, IR 2.26.3 (under IFRS)	\$ 68.50	\$70.80	\$72.14
	Exhibit B-19, IR 2.26.3 (under IFRS & Proposed Equity Return )	\$ 68.77	\$70.74	\$72.20

<sup>\*</sup>It should also be noted that the Levelized Cost per customer will be the same under IFRS and under Terasen's proposed Equity Return; however the Levelized Cost per Customer under the proposed solution increase under IFRS and the proposed Equity Return.

#### Response:

Values provided in the question preamble are not confirmed. Please see the revised table below which contains two changes, per the notes included below the table, from the table prepared by Commission staff:

#### **Levelized Cost per Customer**

	20	Years	10	) years	8	Years	
Levelized Cost per Customer (existing)							
Exhibit B-19, IR 2.25.4	\$	71.70	\$	68.88	\$	68.34	
Under Accounting Changes & IFRS and Proposed Equity Return	\$	71.46	\$	68.85	\$	68.32	1
Levelized Cost per Customer (proposed)							
Exhibit B-19, IR 2.26.2	\$	66.88	\$	69.14	\$	70.47	2
Reflecting Accounting Changes & IFRS	\$	67.83	\$	69.49	\$	70.87	3
Exhibit B-19, IR 2.26.3 (under Accounting Changes & IFRS and Proposed Equity Return)	\$	68.77	\$	70.74	\$	72.20	4

#### Notes

<sup>&</sup>lt;sup>1</sup> The accounting changes and IFRS impacts and the Proposed Equity Return do not impact the costs associated with the levelized cost per customer of the existing arrangement; however the discount rate would change, thereby impacting the levelized cost per customer

<sup>&</sup>lt;sup>2</sup> Question preamble incorrectly referred to Exhibit B-19, IR 2.26.3

<sup>&</sup>lt;sup>3</sup> Question preamble incorrectly referred to Exhibit B-19, IR 2.26.3. This information was not requested in BCUC IR 2.26.3. Based on revised November 10, 2009 results, levelized cost per customer under the accounting changes and IFRS scenario has been updated and included in the table above.

<sup>&</sup>lt;sup>4</sup> Discount rate is different for this scenario as it reflects changes due to the Proposed ROE and Capital Structure



Response to British Columbia Utilities Commission ("BCUC" or the "Commission")
Information Request ("IR") No. 3

Page 26

Terasen has further updated the table to reflect all corrections and updates made to date (i.e. up to and including this round of IR responses):

#### **Levelized Cost per Customer**

	20	Years	10	years	8	Years	
Levelized Cost per Customer (existing)							
Exhibit B-19, IR 2.25.4	\$	71.70	\$	68.88	\$	68.34	
Under Accounting Changes & IFRS and Proposed Equity Return	\$	71.46	\$	68.85	\$	68.32	1
Levelized Cost per Customer (proposed)- Updated for FINAL results							
Proposed	\$	66.31	\$	68.24	\$	69.44	2
Reflecting Accounting Changes & IFRS	\$	67.25	\$	68.58	\$	69.79	3
Reflecting Accounting Changes & IFRS and Proposed Equity Return	\$	68.14	\$	69.78	\$	71.07	4

#### Notes:

Please also refer to the responses to BCUC IR 3.9.9 and 3.9.10 for a discussion of the appropriate period that should be considered in evaluating the cost of service and the difference in this cost when comparing the current customer care arrangement with the Project.

"An amortization period of eight years was deemed reasonable and applied to the forecast deferral account balance because it is consistent with the depreciation period for the majority of the assets associated with this Project" (BCUC IR 1.120.8)

Response to BCUC IR 2.28.0 highlights the difficulty in forecasting future O&M costs especially as the estimation period moves further away from the go live date.

9.9 Given the depreciation period for the majority of the assets and the uncertainties inherent in very long term forecasting, does Terasen not see some benefit in considering the Levelized Cost per Customer over an 8 and 10 year period, in addition to the 20 year period.

<sup>&</sup>lt;sup>1</sup> The accounting changes and IFRS impacts and the Proposed Equity Return do not impact the costs associated with the levelized cost per customer of the existing arrangement; however the discount rate would change, thereby impacting the levelized cost per customer

<sup>&</sup>lt;sup>2</sup> Question preamble incorrectly referred to Exhibit B-19, IR 2.26.3

<sup>&</sup>lt;sup>3</sup> Question preamble incorrectly referred to Exhibit B-19, IR 2.26.3. This information was not requested in BCUC IR 2.26.3. Based on revised November 10, 2009 results, levelized cost per customer under the accounting changes and IFRS scenario has been updated and included in the table above.

<sup>&</sup>lt;sup>4</sup> Discount rate is different for this scenario as it reflects changes due to the Proposed ROE and Capital Structure



Submission Date: November 27, 2009

Response to British Columbia Utilities Commission ("BCUC" or the "Commission")
Information Request ("IR") No. 3

Page 27

#### **Response:**

The Company's view of the issue of the appropriate period to consider when evaluating the cost of the current function and the Project remains the same as expressed in its responses to similar questions posed by CEC in CEC IR 1.1.1 and by Commission Staff in BCUC IR 2.26.5. That is, the Company believes that it is appropriate to consider the cost of the Project over the long-term. TGI acknowledges the uncertainties inherent in very long term forecasting (a shortcoming which is faced in assessing both the current model and the Project); however, a period of 8 to 10 years is too short to provide a realistic assessment of the cost of the Project. To recap TGI's previous responses, there are two key reasons for this:

First, Terasen Gas is of the view that given the nature of the Project and its investment in long-term infrastructure, the most appropriate analysis period is 20 years. While an evaluation of the Project over 8 and 10 years is possible, this length of time does not reflect the duration that the proposed strategic sourcing solution will be used as the basis for providing customer care services. The reorganization of the customer care function will not only result in its direct control by the Company combined with an investment in key underlying infrastructure, like the new CIS, but will also provide a service delivery platform that is expected to be used to provide customer care services to customers over the long run, even though some of the core investments will be depreciated over a much shorter period of time. Regular technical upgrades will be made to all systems for a much smaller cost than the initial implementation requires in order to ensure that the new customer care function is able to provide benefits to customers over approximately 20 years starting in 2012.

Second, setting aside the key issue that the current customer care arrangement can not be modified in a manner that would make it sustainable, it must be kept in mind that the exercise is a comparison that should take place on a like for like basis. The addition of any theoretical cost to the notional cost of the current function after 2011 will necessarily result in a higher cost of service of the current customer care arrangement than is reflected in the Amended Application. Should this notional additional cost take the form of a capital investment in the existing platform, then it should also be assumed for the purpose of the comparison with the Project that the outsourcer will be using a similar assessment to depreciate the capital assets. If that cost will be depreciated over 8 years, it may also cause the cost of service of the current arrangement to be higher over both the 8 and 10 year periods. That theoretical increase in cost could also be sufficient to increase it above that of the Project.

Given that the cost of service of the Project over the 20 year analysis period is lower than the notional cost of the current customer care arrangement, and that the theoretical addition of costs to place the current arrangement on an equal footing will only increase the cost advantage offered by the Project, it is the Company's view that the Project should be implemented as described in the Amended Application.

Please also refer to the responses to BCUC IR 3.9.1 and to BCUC IR 3.9.6.



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")  Information Request ("IR") No. 3	Page 28

9.10 Please confirm that the Levelized Cost per Customer for the existing solution is lower than the Levelized Cost per Customer for the proposed solution if calculated over both an 8 and 10 year period.

#### Response:

Please refer to the revised table provided in the response to BCUC IR 3.9.8.

The levelized cost of the current customer care arrangement, without accounting for its non-sustainability, is lower than the levelized cost of the Project when calculated over an 8 year period. As discussed in the response to BCUC IR 3.9.2 and BCUC IR 3.9.9, the cost of the current arrangement and the cost of the Project are not comparable in the manner implied by the question. Given the issues faced with placing the current arrangement on a sustainable footing similar to that of the Project, such a simple comparison overstates the real difference in the levelized cost of the two, not only over the short-term but also over the long run. Additionally, efficiency savings arising from the introduction of new communications channels that the Company believes the reconfigured customer care function will be able to deliver after 2012, are not included as a cost reduction to the Project, which overstates its cost. Considering these factors does not necessarily mean that customers actually pay a premium over the short-term as a result of the implementation of the Project.

9.11 Given that IFRS will be implemented in 2012 would it not be more appropriate to compare the \$68.55 Levelized Cost per Customer of the proposed solution under IFRS to the \$71.70 Levelized Cost per Customer of the current system.

#### Response:

The table below provides a summary of the impact on the total project costs, future O&M in 2012 and the levelized cost per customer that includes

- (1) all corrections and updates made to date (i.e. up to and including this third round of IR responses), as reflected in the response to BCUC IR 3.7.1; and
- (2) the anticipated impacts of the RRA decisions since the Amended Application was filed on August 28, 2009:



Submission Date: November 27, 2009

Response to British Columbia Utilities Commission ("BCUC" or the "Commission")
Information Request ("IR") No. 3

Page 29

Summary of Changes	Amended Application 28-Aug-09	Changes	IR 1 2-Oct-09	Changes	IR 2 10-Nov-09	Changes	Current 27-Nov-09	Changes	Including Accounting Changes & IFRS 27-Nov-09
A. Future Customer Care Function									
Project Costs (\$ millions)	122.1	0.0	122.1	-	122.1	(6.6)	115.5	-	115.5
Future O&M (\$ millions)	46.1	0.1	46.2	-	46.2	-	46.2	-	46.2
20 Year Levelized Cost/Customer (\$)	67.50	(0.63)	66.87	(0.19)	66.68	(0.37)	66.31	0.94	67.25
B. Current Customer Care Function									
20 Year Levelized Cost/Customer	71.70	0.29	71.99	(0.29)	71.70	-	71.70	-	71.70
Increase / (Decrease) in Levelized Cost/Customer	(4.20)	(0.92)	(5.12)	0.10	(5.02)	(0.37)	(5.39)	0.94	(4.45)

For further reference, the current versions of the Appendix K – Financial Schedules and the Consolidated Appendix K- Financial Schedules reflecting all corrections and updates made to date (i.e. up to and including this round of IR responses) and including the anticipated impacts of the RRA decisions have been included as Attachment 9.11a and Attachment 9.11b, respectively.

#### Revenue Requirement Analysis

"Terasen Gas is of the view that both a levelized cost per customer and the revenue requirements analysis should be considered when evaluating the alternatives strictly from a cost perspective because they provide two different perspectives on the issue of the cost of service. (Exhibit B-19, IR 2.25.8)

Commission Staff agree with Terasen that the Revenue Requirement Analysis provides an alternate perspective and should be considered.

Based on the updated information provided by Terasen in Exhibit B-19, IR 2.27, Commission staff has prepared the following table.

Revenue Requiremen	t Analysis		
Sensitivity Analysis	Reference	Peak Cumulative Deficit	Financial Benefit for Ratepayers
As Estimated by TGI	IR 2.27.1 & 2	\$27.4 million, 2018	2022
O&M increases by 5%	IR 2.27.5	\$49.6 million, 2019	2025
O&M increase 10%	IR 2.27.4	\$66.8 million, 2019	2029



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")  Information Request ("IR") No. 3	Page 30

9.12 Please confirm that under Terasen's forecasted costs, as provided in the updates to the Amended Application, a peak cumulative deficit of \$27.4 million occurs in 2018 and a 'financial' benefit to ratepayers will be realized in 2022, 10 years after the go live date. This means that in 2018 the proposed project has increased the cumulative revenue requirement by \$27.4 and by 2022 ratepayers will be paying less for the Customer Care services under the proposed solution.

#### Response:

As discussed in the responses to BCUC IR 3.9.2, BCUC IR 3.9.9, and BCUC IR 3.9.10, any conclusions drawn from this cost comparison need to be treated with caution because the cost of the current arrangement and the cost of the Project are not comparable in the manner implied by the question. Given the issues faced with placing the current arrangement on a sustainable footing similar to that of the Project, such a simple comparison incorrectly suggests that customers will be forced to pay more as a result of implementing the Project than if there was an option to remain using the current customer care arrangement. Considering that efficiency savings arising from the introduction of new communications channels that the Company believes the reconfigured customer care function will be able to deliver after 2012 are not included as a cost reduction to the Project, the cost of the Project is overstated. Equally, additional theoretical investments to shore up the existing customer care arrangement would increase its cost, which suggests that the cost of the current arrangement is understated. Considering these factors, it is unreasonable to conclude that customers will actually pay a premium over the short-term as a result of the implementation of the Project.

This cost comparison also has another shortcoming. It does not take into consideration the societal benefits that will accrue to all British Columbians, including customers, upon the implementation of the Project. The Amended Application pointed out that the Project will create over 650 new jobs and increase BC GPD by approximately \$40 million, while ongoing operations will create approximately 400 new jobs and increase BC GPD by approximately \$25 million annually.

Considering the issues discussed above, Terasen Gas believes that its proposed reconfiguration of the customer care function is necessary and in the best interest of customers.

Addressing the specific request made in this question, the Company notes that the table prepared by Commission staff included in the question preamble contains a transposition error. As reflected in the response to BCUC IR 2.27.5, the peak cumulative deficit is \$46.9 million in 2019 for the scenario that contemplates an O&M increase of 5%.

Please refer to the revised table below:



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")	Page 31

2009

Revenue Requirement Analysis								
		Peak Cumulative	Net Financial Benefit					
Sensitivity Analysis	Reference	Deficit	for Ratepayers					
As Estimated by TGI	BCUC IR 2.27.1 and 2.27.2	\$27.4 million, 2018	2022					
O&M increases by 5%	BCUC IR 2.27.5	\$46.9 million, 2019	2025					
O&M increases by 10%	BCUC IR 2.27.4	\$66.8 million, 2019	2029					

Information Request ("IR") No. 3

It is confirmed that a peak cumulative deficit of \$27.4 million occurs in 2018 and a net financial benefit to ratepayers is realized in 2022. This value does not mean however that customers have not started to receive a financial benefit as a result of the implementation of the Project. As shown in the attachment related to BCUC IR 2.27.1, customers first see a reduction to the annual revenue requirement in 2012 and consistent annual revenue requirement reductions beginning in 2019. Therefore, on an annual basis, customers begin to pay less for the proposed Customer Care solution beginning in 2019, seven years after the Project is implemented. The timing of these cost reductions remain subject to the usual forecast to actual variances that occur with any estimate of future costs.

Terasen Gas has further updated the table to reflect all corrections and updates made to date (i.e. up to and including this round of IR responses):

REVISED TABLE (November 27, 2009) - Revenue Requirement Analysis							
Peak Cumulative Net Financial Benefit Sensitivity Analysis Reference Deficit for Ratepayers							
As Estimated by TGI	BCUC IR 3.7.1	\$20.6 million, 2018	2021				
O&M increases by 5%		\$38.6 million, 2019	2024				
O&M increases by 10%		\$58.6 million, 2019	2028				

A peak cumulative deficit of \$20.6 million occurs in 2018, a net financial benefit to ratepayers is realized in 2021 and customers are expected to see a reduction in the annual revenue requirement in 2012 and consistent annual revenue requirement reductions beginning in 2019.



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")  Information Request ("IR") No. 3	Page 32

9.13 Please confirm that the peak cumulate deficit can be interpreted as: The proposed customer care solution will financially cost ratepayers more than the current customer care solution until 2022. In 2022 and beyond ratepayers will benefit financially.

#### Response:

No, the Peak Cumulative Deficit should be interpreted as the point in time when the cumulative revenue requirement associated with the Project produces the greatest cumulative revenue deficiency. This value does not mean however that customers have not started to receive a financial benefit as a result of the implementation of the Project.

The net financial benefit for rate payers (the date signified in the fourth column) represents the point in time where customers will experience a cumulative revenue surplus (or net rate reduction) associated with the project, thereby inferring that customers will experience a cumulative revenue deficiency (or net rate increase) prior to 2022.

Although the Project's net financial benefit is not anticipated to occur until 2022, customers are anticipated to experience a rate reduction (compared to existing 2009 rates, all else equal), thereby benefiting financially, in 2012 followed by consistent annual rate reductions (compared to existing 2009 rates, all else equal) seven years after the go live date, beginning in 2019. The timing of these cost reductions however, remain subject to the usual forecast to actual variances that occur with any estimate of future costs.

As discussed in the responses to BCUC IR 3.9.2, BCUC IR 3.9.9, and BCUC IR 3.9.10, any conclusions drawn from this cost comparison need to be treated with caution because the cost of the current arrangement and the cost of the Project are not comparable in the manner implied by the question. Given the issues faced with placing the current arrangement on a sustainable footing similar to that of the Project, such a simple comparison incorrectly suggests that customers will be forced to pay more as a result of implementing the Project than if there was an option to remain using the current customer care arrangement. Considering that efficiency savings arising from the introduction of new communications channels that the Company believes the reconfigured customer care function will be able to deliver after 2012 are not included as a cost reduction to the Project, the cost of the Project is overstated. Equally, additional theoretical investments to shore up the existing customer care arrangement would increase its cost, which suggests that the cost of the current arrangement is understated. Considering these factors, it is unreasonable to conclude that customers will actually pay a premium over the short-term as a result of the implementation of the Project.

This cost comparison also has another shortcoming. It does not take into consideration the societal benefits that will accrue to all British Columbians, including customers, upon the implementation of the Project. The Amended Application highlights that the Project will create over 650 new jobs and increase BC GPD by approximately \$40 million, while ongoing



Submission Date: November 27, 2009

Response to British Columbia Utilities Commission ("BCUC" or the "Commission")
Information Request ("IR") No. 3

Page 33

operations will create approximately 400 new jobs and increase BC GPD by approximately \$25 million annually.

Considering the issues discussed above, Terasen Gas believes that its proposed reconfiguration of the customer care function is necessary and in the best interest of customers.

9.14 Please confirm that if the forecasted O&M costs were to increase by 5 percent the peak cumulative deficit of \$49.6 million would occur in 2019 and ratepayers would receive a 'financial' benefit in 2025, 13 years after the go live date.

#### **Response:**

Please refer to the revised tables provided in BCUC IR 3.9.12.

Based on the information in Exhibit B-19, IR 2.27, the peak cumulative deficit associated with a 5% increase in O&M costs is \$46.9 million and not \$49.6 million as stated in the question preamble; however, the "Revised Table (November 27, 2009)" also provided in BCUC IR 3.9.12, shows a reduced peak cumulative deficit of \$38.6 million.

Under this scenario customers are expected to experience rate reductions in 2012 and consistent annual rate reductions beginning in 2020 with the net financial benefit (or cumulative revenue surplus) occurring in 2025 (updated to 2024 as noted in the revised table). Terasen Gas does not believe that an unfavourable O&M cost variance of the type referred to in this question is likely for the reasons set out in the responses to BCUC IR2.28.1 and to BCUC IR2.28.17.

As discussed in the responses to BCUC IR 3.9.2, BCUC IR 3.9.9, and BCUC IR 3.9.10, any conclusions drawn from this cost comparison need to be treated with caution because the cost of the current arrangement and the cost of the Project are not comparable in the manner implied by the question. Given the issues faced with placing the current arrangement on a sustainable footing similar to that of the Project, such a simple comparison incorrectly suggests that customers will be forced to pay more as a result of implementing the Project than if there was an option to remain using the current customer care arrangement. Considering that efficiency savings arising from the introduction of new communications channels that the Company believes the reconfigured customer care function will be able to deliver after 2012 are not included as a cost reduction to the Project, the cost of the Project is overstated. Equally, additional theoretical investments to shore up the existing customer care arrangement would increase its cost, which suggests that the cost of the current arrangement is understated.



Submission Date: November 27, 2009

Response to British Columbia Utilities Commission ("BCUC" or the "Commission")
Information Request ("IR") No. 3

Page 34

Considering these factors, it is unreasonable to conclude that customers will actually pay a premium over the short-term as a result of the implementation of the Project.

This cost comparison also has another shortcoming. It does not take into consideration the societal benefits that will accrue to all British Columbians, including customers, upon the implementation of the Project. The Amended Application pointed out that the Project will create over 650 new jobs and increase BC GPD by approximately \$40 million, while ongoing operations will create approximately 400 new jobs and increase BC GPD by approximately \$25 million annually.

Considering the issues discussed above, Terasen Gas believes that its proposed reconfiguration of the customer care function is necessary and in the best interest of customers.

9.15 Please confirm that if the forecasted O&M costs were to increase by 10 percent the peak cumulative deficit of \$66.8 million would occur in 2019 and ratepayers would receive a 'financial' benefit in 2029, 17 years after the go live date.

It should be noted that Commission staff understand Terasen's position that the current system does not provide all the benefits of the proposed CPCN; however, the revenue requirements analysis does allow one to calculate the direct impact on future revenue requirements due to the proposed CPCN. This is a valuable tool as it allows one to gain insight into the cost/benefit of the increased services that the CPCN is proposing to provide.

#### Response:

Please refer to the response and revised tables provided in BCUC IR 3.9.12.

Based on the information in Exhibit B-19, IR 2.27, it is confirmed that the peak cumulative deficit associated with a 10% increase in O&M costs is \$66.8 million; however, the "Revised Table (November 27, 2009)" also provided in BCUC IR 3.9.12, shows a reduced peak cumulative deficit of \$58.6 million.

Under this scenario customers are expected to experience consistent annual rate reductions beginning in 2020 with the net financial benefit (or cumulative revenue surplus) occurring in 2029 (updated to 2028 as noted in the Revised Table). Terasen Gas does not believe that an unfavourable O&M cost variance of the type referred in this question is likely for the reasons set out in the responses to BCUC IR2.28.1 and to BCUC IR2.28.17.



Submission Date: November 27, 2009

Response to British Columbia Utilities Commission ("BCUC" or the "Commission")
Information Request ("IR") No. 3

Page 35

As discussed in the responses to BCUC IR 3.9.2, BCUC IR 3.9.9, and BCUC IR 3.9.10, any conclusions drawn from this cost comparison need to be treated with caution because the cost of the current arrangement and the cost of the Project are not comparable in the manner implied by the question. Given the issues faced with placing the current arrangement on a sustainable footing similar to that of the Project, such a simple comparison incorrectly suggests that customers will be forced to pay more as a result of implementing the Project than if there was an option to remain using the current customer care arrangement. Considering that efficiency savings arising from the introduction of new communications channels that the Company believes the reconfigured customer care function will be able to deliver after 2012 are not included as a cost reduction to the Project, the cost of the Project is overstated. Equally, additional theoretical investments to shore up the existing customer care arrangement would increase its cost, which suggests that the cost of the current arrangement is understated. Considering these factors, it is unreasonable to conclude that customers will actually pay a premium over the short-term as a result of the implementation of the Project.

This cost comparison also has another shortcoming. It does not take into consideration the societal benefits that will accrue to all British Columbians, including customers, upon the implementation of the Project. The Amended Application pointed out that the Project will create over 650 new jobs and increase BC GPD by approximately \$40 million, while ongoing operations will create approximately 400 new jobs and increase BC GPD by approximately \$25 million annually.

Considering the issues discussed above, Terasen Gas believes that its proposed reconfiguration of the customer care function is necessary and in the best interest of customers.



# Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company") Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")

Submission Date: November 27, 2009

Response to British Columbia Utilities Commission ("BCUC" or the "Commission")
Information Request ("IR") No. 3

Page 36

## Capital vs. Operating Lease

10.0 Reference: Financial Analysis

Exhibit B-19; IR 2.30.4, Attachment 30.6

Exhibit B-10, IR 2.30

Capital vs. Operating Lease

Capitalizing the Surrey lease is an accounting treatment which Commission staff agrees is likely to be required under handbook section 3065 and almost certainly under IFRS. Although this treatment is required for financial reporting purposes it does not necessarily mean that it is appropriate for regulatory purposes (rate making). There are several areas where Terasen's financial reporting requirements under Canadian GAAP differ from the treatment used for rate setting purposes. Therefore it is possible for Terasen to account for the lease as a Capital Lease for financial reporting purposes and as an Operating Lease for regulatory purposes.

Commission staff are aware that there will be an investment required for leasehold improvements and agree that these costs should be added to rate base and amortized over the life of the lease. Therefore, this Information Request is limited to the lease payments themselves as these are the amounts under consideration in handbook section 3065 which are subject to the lease capitalization test.

If Terasen were to treat the Surrey lease as a capital lease for regulatory purposes the lesser of the fair value of the leased property and the present value of the minimum lease payments would be added to rate base and Terasen would be entitled earn a return on this amount.

10.1 Please confirm that Terasen is only required to make monthly or annual lease payments and no investment in the property has been made that would be included in the lease capitalization test under handbook 3065.

#### Response:

The following response addresses BCUC IR 3.10.1 and BCUC IR 3.10.6.

Negotiations for the lease have not been completed. However, the Company is anticipating the lease payments will be made monthly and that any costs related to making the premise ready for occupancy and use will be accounted for as Leasehold Improvements. As of January 1, 2011, IAS 17, Leases will be the relevant standard for accounting of leases and for comparative purposes 2010 results will have to be reported as under IFRS requirements. As per the Accounting Standards Board (AcSB) "Leases, Section 3065, is converged with IAS 17, but capital (finance) leases from the point of the lessor are sub-categorized as sales-type leases and direct financing leases".



# Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company") Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")

Submission Date: November 27, 2009

Response to British Columbia Utilities Commission ("BCUC" or the "Commission")
Information Request ("IR") No. 3

Page 37

Providing that the terms of the lease agreement meet the requirements under IFRS for accounting the lease as a capital lease, capital lease treatment is appropriate (International Accounting Standard 17, Leases). This treatment is appropriate because the nature of the terms of the lease substantively transfers the risk and benefit of the asset to Terasen Gas Inc. and the structure of the lease is the means of financing the benefits and risks associated with the leased property. As stated in the preamble to the question, TGI's carrying value at inception of the lease would be the fair value of the leased property or, if lower, the present value of the minimum lease payments. Any initial direct costs of the lessee are added to the amount recognized as an asset. IAS 17 specifies using the interest rate implicit in the lease when it is practicable; otherwise to use the lessee's (TGI) incremental borrowing rate.

While TGI agrees that it is possible to have differing treatment under rate regulation from that required under financial reporting, as a general proposition customers benefit from the efficiencies that result from maintaining congruence wherever possible. Using the amounts in the response to BCUC IR 2.30.6, Attachment 30.6, the ten year average annual impact to the cost of service of an operating lease is a reduction of approximately \$0.5 million when compared to a capital lease. This reduction translates to an average rate impact of approximately 0.1% for a TGI Lower Mainland Residential Customer; therefore, TGI does not see any compelling reason to depart from the financial treatment accorded to this lease.

10.2 Please confirm that if the lease were to be treated as an operating lease the \$1.7 million lease payment would be annual operating expense and would not affect rate base or earned return.

## Response:

Not confirmed. If the lease was to be treated as an operating lease for determining revenue requirements and customers' rates it would still have an impact on the Rate Base, Earned Return and Income Tax Expense through its impact on the Cash Working Capital, both on its potential impact on the expense lag days, and on the total expense included in the calculation of the investment in cash working capital.



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")  Information Request ("IR") No. 3	Page 38

As can been seen in the Commission staffs calculation below based on financial information submitted by Terasen in Exhibit B-19, IR 2.30, treating the Surry lease as a capital lease will cost ratepayers and additional \$8.3 million over 10 years.

COST PER CUSTOMER (10 year analysis) LEASE PAYMENTS ONLY											
	Reference	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Cost per Customer / Operating Lease	Exhibit B-19, Attachment 30.7, S7	3.04	59.22	72.17	71.65	70.64	70.65	70.07	69.53	69.19	64.59
Cost per Customer / Capital Lease	Exhibit B-19, Attachment 30.7, \$7	4.22	62.26	73.11	72.47	71.34	71.23	70.53	69.88	69.42	64.74
Incremental Cost for Capital Lease		1.18	3.04	0.94	0.82	0.7	0.58	0.46	0.35	0.23	0.15
Average Customers	Confidential Spreadsheet 1	959,757	959,757	968,338	977,112	987,030	996,311	1,005,709	1,015,228	1,024,868	1034633
Total Additional Cost	Incremental Cost X Average Customer	\$ 1,132,513	\$ 2,917,661	\$ 910,238	\$801,232	\$ 690,921	\$577,860	\$ 462,626	\$ 355,330	\$ 235,720	\$ 155,195
Total Additional Cost (10 year)	Sum or Total Additional	\$8,239,296									

Commission staff has prepared a 10 year analysis as the lease is 10 years with a 10 year option. As can be seen in Exhibit B-10, Attachment 30.6, Terasen has assumed that the lease payments will remain constant for a 20 year period.

10.3 Please confirm whether or not the lease payments are subject to negotiation after the initial 10 year term.

## Response:

The offer to lease proposes a 10 year lease with fixed rent with two 5 year renewal terms which are subject to rent negotiation.

10.3.1 If yes, why did Terasen consider it appropriate to maintain the \$1.7 million lease payment during the renewal period in Attachment 30.6?

## Response:

Given that a lease renewal is subject to negotiation in 10 years time and that the result of this negotiation could either result in a cost decrease or an increase, TGI considered it to be reasonable to assume no change in the cost.



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")  Information Request ("IR") No. 3	Page 39

10.4 Please confirm that when determining the Levelized Cost per Customer over a 20 year period Terasen forecasted that the lease payments in the renewal period would remain at \$1.7 million?

## Response:

Confirmed. Please also refer to the response to BCUC IR 3.10.3.1.

10.4.1 If yes, please discuss why management considered this the best forecast available?

## Response:

Please refer to the response to BCUC IR 3.10.3.1.

10.4.2 Was any inflation factor included?

## Response:

No inflation factor was included in the capital lease analysis for the reason discussed in the response to BCUC IR 3.10.3.1.

In Exhibit B-19, Attachment 30.6 Terasen has provided a Present Value comparison over a 20 year period which shows the present value cost to rate payers is \$5.7 million if the lease is treated as a capital lease for rate making purposes.

10.5 Please provide this analysis over a 10 year period.

## Response:

When evaluated over a ten year period, the present value difference between an operating lease and a capital lease (excluding the impacts of leasehold improvements) is approximately \$3.9 million.



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")  Information Request ("IR") No. 3	Page 40

Present Value Comparison	PV 10Yrs
Operating Lease Cost of Service	\$8.80
Capital Lease Cost of Service	<u>\$12.74</u>
Variance	\$ (3.94)

10.6 According to Terasen's analysis the present value of treating the Surry lease as a capital lease for ratemaking purposes will cost ratepayers an additional \$5.7 million, why does Terasen believe that this treatment may be appropriate?

## Response:

Please see the response to BCUC IR 3.10.1.

10.7 When will Terasen be required to start making the monthly lease payments of \$141,666 (\$1.7/12)?

## Response:

The offer to lease proposes the monthly lease payment to begin effective July 1, 2011. The free rent fixturing period of Jan 1 to June 30, 2011 would allow tenant improvements to be completed in time for training contact centre staff effective July 1, 2011.



#### Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company") Submission Date: Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")

November 27, 2009

Response to British Columbia Utilities Commission ("BCUC" or the "Commission") Information Request ("IR") No. 3

Page 41

### **Transition Costs**

11.0 Reference: **Financial Analysis** 

Exhibit B-10, IR 1.7.7,

Exhibit B-19; IR 2.9.1, 2.20.1,

Exhibit B-14, IR 2.3.1 **Transition Costs** 

"TGI and CustomerWorks have resolved the matter and reached an agreement in principle related to the CCE Project and related scope changes under the terms of the CSA. The companies are currently developing a detailed agreement. TGI anticipates being in a position in the near future to update the Project financials based on actual transition costs and will file an update to Appendix K – Financial Schedules at that time. TGI will also file the final agreement with the Commission when it is completed." (B-19, IR 2.9.)

"As discussed in the response to BCUC IR 2.9.1, TGI and CustomerWorks have reached an agreement in principle related to the CCE Project and related scope changes under the terms of the CSA. The companies are currently developing a detailed agreement. In reaching the agreement in principle, the risk of change associated with the transitional costs has been eliminated." (B-19, IR 20.1) (emphasis added)

11.1 Given that the 'the risk of change associated with the transitional costs has been eliminated' please disclose the final amount that was agreed upon between the parties.

#### Response:

This response is provided to the Commission confidentially under separate cover. In order to not prejudice contractual negotiations with other parties in future, TGI needs to maintain confidentiality of the information provided in this response and limit its disclosure.

11.2 Please provide an update on the contractual arrangements with CWLP on the scope changes, including the latest estimate of non-avoidable costs.

## Response:

TGI and CWLP are currently developing the detailed contractual arrangement which encompasses the CCE Project related scope changes and transition costs further to the



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")  Information Request ("IR") No. 3	Page 42

agreement in principle discussed in BCUC IR 2.9.1. The non-avoidable costs are addressed through the payment of transition costs discussed in BCUC IR 3.11.1.

11.3 Please file the final agreement with CWLP if completed.

#### Response:

The definitive agreement is not yet complete. TGI anticipates it will be completed before December 18, 2009 and will file the agreement when it is completed as discussed in BCUC IR 2.9.1.

11.3.1 If not currently completed, when does Terasen anticipate it will be available?

## Response:

Please refer to the response to BCUC IR 3.11.3.

"CWLP is a limited partnership involving Terasen Inc. and Enbridge Inc. Terasen Inc. holds a minority interest in CWLP. Under the Client Services Agreement, CWLP will assert recovery of **non-avoidable costs** including the costs of transition services related to scope changes. The transition costs to be paid to CWLP as a result of the scope change do not constitute a penalty." (B-10, IR 7.7) (emphasis added)

11.4 Please provide a breakdown of what makes up the 'non-avoidable costs', such as employee termination packages, lease termination fees, lost profits, etcetera that agree to the total transition cost amount included in the Confidential filings.

## Response:

The non-avoidable costs considered by TGI in negotiating the transition payment to CWLP represented, in general terms, those costs associated with CWLP facilitating Terasen Gas's implementation of the CCE Project. This included, for instance, facility disposition costs, employee severance, system decommissioning, server cleaning, and records and data transfer



# Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company") Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project") Response to British Columbia Utilities Commission ("BCUC" or the "Commission")

Response to British Columbia Utilities Commission ("BCUC" or the "Commission")

Information Request ("IR") No. 3

Page 43

to Terasen Gas, but does not include a provision for lost profits. However, the individual cost components cannot be defined and made to precisely reconcile or "agree" with the transition cost payment. The transition cost is a negotiated global amount, and the settlement agreement will not break out costs on a line item by line item basis.

There are sound reasons for this. First, it was understood that many of the non-avoidable costs will not be known with certainty until CWLP is required to pay them at some time in the future. Second, in light of the uncertainty in the final costs, the parties naturally had differing views on many of the costs, making it much more difficult to reach consensus on a line by line basis. Thus, the parties negotiated based on their own expectations about what those costs would ultimately be, also considering the desirability of reaching a negotiated, as opposed to a (much more costly) litigated, solution. TGI believes that the number reached is an appropriate one based on all of the circumstances.

Additional background information is provided to the Commission confidentially under separate cover. In order to not prejudice contractual negotiations with other parties in future, TGI needs to maintain confidentiality of this information and limit its disclosure.

#### (CEC) IR 2.3.1:

Is this answer so because TGI is negotiating to only cover **actual costs** of transition and not any **consequential loss of profit or profit potential**?

## Response:

Yes. As discussed in BCUC IR 2.9.1, TGI and CustomerWorks have reached an agreement in principle related to the CCE Project and related scope changes under the terms of the CSA. The companies are currently developing a detailed agreement. It is intended that this agreement will address all aspects of the scope changes.

Through its 30 percent ownership in CWLP please confirm that Terasen Inc. will not receive any net revenues (profits) as a result of the scope change required for Terasen to go ahead with the Customer Care Enhancement Project as proposed in the Application.

### Response:

Confirmed. Terasen Inc. will not receive any profits as a result of the scope change to the CSA resulting from the CCE Project.



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")  Information Request ("IR") No. 3	Page 44

11.6 Through its 30 percent ownership in CWLP please confirm that Terasen Inc. will not receive any compensation for consequential loss of profit or profit potential.

## Response:

Confirmed. Terasen Inc. will not receive any compensation for consequential loss of profit or profit potential as a result of TGI's agreement with CWLP related to the CCE Project.



# Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company") Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")

Submission Date: November 27, 2009

Response to British Columbia Utilities Commission ("BCUC" or the "Commission")
Information Request ("IR") No. 3

Page 45

#### **Call Centre**

12.0 Reference: Call Centre

Exhibit B-10, IR 1.124.1, Attachment 124.1 Exhibit B-19, IR 2.18.1, Attachment 18.1 Fully Redundant Call Centre

In BCUC IR 1.124.1 Terasen was requested provide the forecasted 'Total Cost of Service' for the Lower Mainland Call Centre and the Interior Call Centre which was provided in Exhibit B-10 Attachment 124.1. The schedule shows that the Total Cost of Service between 2012 and 2022 for the Lower Mainland Call Centre was \$142 million and the Interior \$74 million.

In BCUC IR 2.18.1 the Commission asked Terasen the following:

"Given that the two call centres will operate in tandem, with calls being routed to the next available agent regardless of location (BCUC IR 1.75.2) and the handling requirements will be split approximately evenly between the two centres with roughly the same number of FTE (BCUC IR 1.69.3) would it not be correct to conclude that the total additional cost of service of having two call centers rather than one large call centre in Prince George is \$66 million (\$142 - \$74)? Please explain."

## Terasen responded as follows:

"In reviewing page 1 of Attachment BCUC IR 1.124.1, Exhibit B-10, the Company identified a number of costs that were incorrectly allocated between the proposed Lower Mainland call centre and the Interior call centre. This misallocation resulted in an overstatement of the difference in the cost of service of the two call centres. The schedules provided in response to BCUC IR 1.124.1 have been updated to reflect these corrected cost allocations and are included in Attachment 18.1 for reference."

Updated Attachment 2.18.1 shows that the 'Total Cost of Service' of the Lower Mainland call center is \$117 million and the Interior \$94 million.

Terasen continues on to explain that according to the updated numbers, the cumulative 'Total Cost of Service' of the Lower Mainland call centre is not significantly greater that the 'Total Cost of Service' of the Interior call center.

"Although the two call centres are roughly similar in size, the Lower Mainland call centre is in fact slightly larger. It will have for example, 52 percent of the total number of total call centre employees. The call handling volume is expected to



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")  Information Request ("IR") No. 3	Page 46

be split approximately by the same proportion. Applying this same proportion to the cost of service suggests that the cost of service difference between the two call centres is much less at approximately 6%..."

See summary table below for results filed in IR 1 compared to IR 2.

Total Cost of Service										
		2012	2013	2014	2015	2016	2017	2018	2019	2020
Lower Mainland	TOTAL									
Exhibit B-10, Attachment 124.1	142,094	16,750	16,196	16,127	16,054	16,044	15,838	15,695	15,239	14,151
Exhibit B-19, Attachment 18.1	116,920	13,368	13,209	13,231	13,279	13,328	13,145	13,070	12,749	11,541
Adjusted Error		3,382	2,987	2,896	2,775	2,716	2,693	2,625	2,490	2,610
Total Error		25,174								
Interior										
Exhibit B-10, Attachment 124.1	73,871	8,394	8,335	8,375	8,399	8,451	8,344	8,332	8,162	7,079
Exhibit B-19, Attachment 18.1	93,999	10,141	10,115	10,302	10,503	10,707	10,759	10,850	10,716	9,906
Adjusted Error		1,747	- 1,780	- 1,927	- 2,104	- 2,256	- 2,415	- 2,518	- 2,554	- 2,827
Total Error		20,128								

12.1 Please explain the reasons for the errors in information filed in IR 1 and the resulting corrections made in IR 2 relating to the allocation of costs between the two call centres.

## Response:

The misallocation occurred because of the use of an incorrect number of employees to allocate costs shared across the two call centres and the billing and back office components. In some cases the allocation for the Lower Mainland call centre included both the total number of Lower Mainland call centre employees plus the billing and back office employees. This caused 67% of total costs to be allocated to the Lower Mainland call centre for a number of cost components and not the 52% that represents a fairer allocation. In the response to BCUC IR 2.18.1, Attachment 18.1 referred to in the preamble corrects for this misallocation.

How certain is Terasen of the information filed in IR 2, Attachment 18.1 given the errors noted in IR 1, Attachment 124.1?

#### Response:

The Company believes that the cost allocation used to determine the total cost of service of the two call centres reflected in the response to BCUC IR 2.18.1, Attachment 18.1 accurately reflects the estimated Project costs. The costing issue noted in response to BCUC IR 1.124.1, Attachment 124.1 was a misallocation of costs amongst the call centres and was not an error in



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")  Information Request ("IR") No. 3	Page 47

the amount of cost. This misallocation did not impact the total cost of service for the Project. As discussed in the response to BCUC IR 3.12.3 and demonstrated in the response to BCUC IR 3.12.3, Attachment 12.3, a change in the treatment of the capitalized overhead is the driver for the change in the total cost of service between the two attachments.

12.3 If the 'Total Cost of Service' is reduced by \$25 million for the Lower Mainland and increased by \$20 million for the Interior, as shown in the table above, what happened to the other \$5 million?

## Response:

Please refer to Attachment 12.3 which provides an analysis of the change in cost of service between the response to BCUC IR 1.124.1 (Exhibit B-10), Attachment 124.1 and the response to BCUC IR 2.18.1 (Exhibit B-19), Attachment 18.1.

As described in the response to BCUC IR 3.12.1, Exhibit B-10, Attachment 124.1 contained a misallocation of operating and maintenance expenses; page three of Attachment 12.3 demonstrates that the change in allocation of the operating and maintenance expenses did not impact the total cost of service.

The difference in the total cost of service between Exhibit B-10, Attachment 124.1 and Exhibit B-19, Attachment 18.1 is related to the removal of the capitalized overhead that occurred during round two of the information requests, as described in the response to BCUC IR 2.25.7 and the impacts of which were reflected in the response to BCUC IR 1.18.1.

As shown in the table below the 'Average Cost per Customer' also changes significantly between Attachment 124.1 and 18.1. Does any other quantitative analysis, provided in the Amended Application or in responses to IR's, require updating as a result of this particular correction?

## Response:

Please see the response to BCUC IR 3.12.3. As noted in the response to BCUC IR 2.25.7 and 3.12.3, all financial schedules were revised to reflect the removal of the capitalized overhead and all corresponding impacts during the second round of the information requests, filed on November 10, 2009. Therefore, the quantitative analysis has been accurately updated to reflect this correction.



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the  Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")  Information Request ("IR") No. 3	Page 48

## 12.4.1 If yes, please update and file.

Average Cost Per Customer									
	2012	2013	2014	2015	2016	2017	2018	2019	2020
Exhibit B-10, Attachment 124.1	63.35	75.61	74.24	73.21	72.41	71.15	69.95	68.99	63.81
Exhibit B-19, Attachment 18.1	60.04	72.93	72.30	72.19	72.04	71.29	70.58	70.07	65.31
Difference	3.31	2.68	1.94	1.02	0.37	-0.14	-0.63	-1.08	-1.5
Average number of Customers	959,757	968,338	977,112	987,030	996,311	1,005,709	1,015,228	1,024,868	1,034,633
Variance	3,176,796	2,595,146	1,895,597	1,006,771	368,635	- 140,799	- 639,594	- 1,106,857	- 1,551,950
Total variance	5,603,745								

## Response:

Please refer to BCUC IR 3.12.3 and 3.12.4.



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission") Information Request ("IR") No. 3	Page 49

13.0 Reference: Call Centre

Exhibit B-10, IR 1.75.3 Exhibit B-19, IR 2.18.2

**Fully Redundant Call Centre** 

"Terasen Gas surveyed Canadian gas utilities of comparable size (Enbridge, Union and ATCO) as well as BC Hydro. These utilities have all centralized to two discrete centers for emergency response, which is the model Terasen Gas is proposing in this application."

(B-10, IR 1.75.3)

13.1 Please describe the size, and services, provided at Enbridge, Union, ATCO, and BC Hydro in their second discrete call center.

## Response:

Terasen Gas has confirmed that the services provided by Enbridge, Union, ATCO and BC Hydro in their second discrete call centres represent a combination of all of the call types currently supported by the surveyed company. In all cases the call centres are structured as virtual centres where the technology automatically directs the inbound call to the next available skilled agent regardless of location.

COMPANY	CALL CENTRES	COMMENTS
Enbridge	<ul> <li>Two call centres (excluding additional support through at home agents)</li> <li>Equivalent capacity</li> <li>Estimated annual call volume is 2 million</li> </ul>	Both call centres support all inbound call types including emergency calls. Enbridge has an additional support channel through at-home agents who are also skilled to handle all call types
Union	<ul> <li>Two general inquiries and two dispatch centres</li> <li>The two call centres have equivalent capacity</li> <li>The two dispatch call centres are also similar in size</li> <li>Estimated annual call volume is 1.3 million</li> </ul>	<ul> <li>Both general inquiries call centres support all inbound call types including emergency calls</li> <li>The two dispatch centres handle the majority of the fieldwork related and emergency calls equally. Overflow is directly to either of the two general inquiries centres as required.</li> </ul>
ATCO	<ul> <li>Two call centres</li> <li>Equivalent capacity</li> <li>Estimated annual call volume for fieldwork and emergencies is 80,000</li> </ul>	<ul> <li>ATCO only handles field service calls and emergency calls in-house, billing in Alberta is provided through retailers</li> <li>Both ATCO call centres support both field service and emergency call types</li> </ul>



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission") Information Request ("IR") No. 3	Page 50

COMPANY	CALL CENTRES	COMMENTS
BC Hydro	<ul> <li>Two call centres</li> <li>Second centre has less capacity</li> <li>Estimated annual call volume is greater than 2 million.</li> </ul>	Both call centres support all inbound call types including emergency calls

13.2 For each company surveyed, is the second discrete call centre fully functional, or is it limited to emergency response calls.

## Response:

The second call centres for the referenced comparative companies all provide the full range of call types and are not limited to emergency response. Please refer to BCUC IR 3.13.1.

13.3 Please confirm that Enbridge, Union, ATCO, and BC Hydro all have fully redundant call centres of equal size.

## Response:

Please see the response to BCUC IR 3.13.1.

"As discussed in BCUC IR 1.75.1, the purpose of redundancy in the call handling environment is to provide sustainable and uninterruptible service to customers in the event one of the centres is lost due to a disaster such as those noted in BCUC IR 1.75.1. TGI would like to clarify that in addition to these larger scale disaster situations, a call centre can also be impacted by events such as an extended power outage or a fire that is isolated to the facility. BCUC IR 1.75.2 highlights that the second centre will be fully operational in supporting customer calls. In the event one centre is disabled, the second centre will be available to support the emergency calls specifically referenced in BCUC IR 1.75.1 as well as providing all other customer contact services (e.g. billing inquiries, move-in/move-out, account updates, emergency calls)." (B-19, IR 2.18.2)

In the event that one of the call centers is struck with a disaster and the second fully redundant call centre receive the emergency calls, will the second call



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")  Information Request ("IR") No. 3	Page 51

center have the ability to physically assist emergency callers with requests such as turning off their gas?

## Response:

As discussed in the responses to BCUC IRs 1.75.1, 1.75.5, 1.75.6 and 1.75.7, both call centres will have the technologies and skilled workforce to handle all call types including emergency calls. For clarity, TGI is not proposing a second call centre site that will only be used as a "standby" location for disaster situations. As discussed in BCUC IR 1.75.2 and the preamble above, the second centre will be fully operational and support regular call volumes. Regarding emergency calls in particular, the complexities associated with emergency calls, including a thorough understanding of gas safety, are part of the required training for this call type and are necessary to ensure that the call handler provides the correct response to the customer. In cases where a field service call is required the call handler will initiate the work and field service staff will be dispatched as required. All emergency call handlers will have the same level of knowledge and capability to complete the call.

In the event of a disaster, and assuming one of the call centres is not operational, all calls will automatically reroute to the active centre. Calls will be handled at the active centre in order of priority - emergency calls are considered first priority. In an event such as this it is likely that responses to calls, other than emergency calls, will fall short of normal expected service levels as the call centre will not have capacity to handle 100% of normal inbound call levels. As discussed in BCUC IR 2.18.1, the total call centre staffing requirement will be divided between the two sites with the base capacity in each of the two centres being approximately 50% of the total workforce required to meet service levels.

13.5 Please explain the role of the fully redundant call centre specifically relating to emergency calls in the event of a disaster.

#### Response:

Please see the response to BCUC IR 3.13.4.



# Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company") Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")

Submission Date: November 27, 2009

Response to British Columbia Utilities Commission ("BCUC" or the "Commission")
Information Request ("IR") No. 3

Page 52

14.0 Reference: Call Centre

Exhibit B-19, IR 13.2-3 Comparative Cost per Call

"The cost per call in 2013 that includes direct and indirect O&M costs and allocated capital for the implementation of the two call centres is \$18.66. This cost of service per call excludes capitalized overheads so that it is consistent with the cost of service calculated in response to BCUC IR 2.25.7." (B-19, IR 13.2)

"The cost per call based on including the entire estimated cost of the Client Services Agreement with CWLP in 2013 is \$50.28. ... The cost of the Client Services Agreement includes the cost for all services provided by CWLP, not just those related to call handling." (B-19, IR 13.3)

14.1 Please provide the Company's estimated cost per call for 2013 using the full Terasen Gas costs that would be comparable to the estimated cost in 2013 for all services provided by CWLP that resulted in the \$50.38 cost.

## **Response:**

Terasen Gas is not able to definitively identify costs of the reconfigured customer care function that would be comparable to all of the services provided by CWLP in 2013. However, assuming that the level of forecast O&M in 2013 of the reconfigured customer care function is directionally comparable, although it does not include any capital recovery that is notionally included in the costs from CWLP, the cost per call would be \$37.67. All in, the cost including capital recovery for 2013 would be \$56.40 per call.

It is difficult to draw any definitive conclusions about the meaning of the cost per call result calculated in response to this question. Aside from the issue of comparability noted above, a measure for a single year does not provide valuable insight into how the performance of the reconfigured customer care function may compare with the current function were it to remain operating in 2013. Equally, given the Company believes the reconfigured customer care function will be able to deliver efficiency savings after 2012 arising from the introduction of new communications channels for example, which would not be available under the current model, the likely cost of the new customer care function is anticipated to be lower than TGI's conservative forecast as noted in the response to BCUC IR 2.28.1.

As discussed in BCUC IRs 1.64.1 and 1.64.2 and in BCUC IR 2.12.1, cost per call as a performance indicator is most appropriately used as an internal measure to monitor centre efficiency over time where a true apples-to-apples comparison is possible. As a generalized measure comparing across different organizations this measure is questionable in the absence of consideration of such factors as service quality targets, prevailing regional labour rates and other compensation components, and the allocation of capital and overhead.



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission") Information Request ("IR") No. 3	Page 53

For additional discussion regarding differences between the current model and the new customer care function as defined in the CCE Project, please refer to BCUC IR 3.9.6.



Terasen Gas Inc. ("TGI", "Terasen Gas" or the "Company")  Application for a Certificate of Public Convenience and Necessity ("CPCN") for the Customer Care Enhancement Program (the "Project")	Submission Date: November 27, 2009
Response to British Columbia Utilities Commission ("BCUC" or the "Commission")  Information Request ("IR") No. 3	Page 54

15.0 Reference: Call Centre

Exhibit B-8, IR 1.18.1 Exhibit B-17, IR 2.12.2 Surrey Lease Costs

"At this point in time, Terasen Gas considers the proposed lease arrangements for the Surrey location ... to be variable costs as they are still the subject of ongoing negotiations. Once these negotiations have been successfully concluded, the costs will be considered fixed with no associated contingency applied. This will have a material impact on the percentages." (B-8 1.18.1)

"All subjects on the Surrey lease agreement (except Regulatory and Terasen Gas final approvals) are expected to be removed by November 10th, 2009." (B-14, IR 2.12.2)

15.1 Please provide an update on the Surrey lease, including whether the prices are now fixed and the resulting impact on the Project cost estimate.

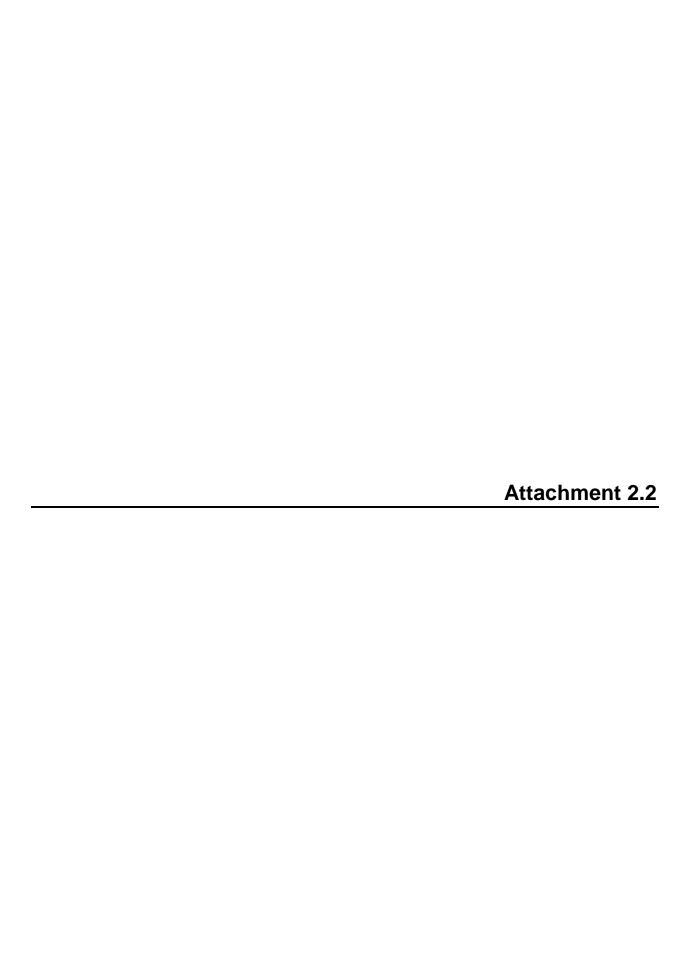
### Response:

The lease negotiations have an agreed fixed rent rate; however, the anticipated subject removals by November 10<sup>th</sup> did not occur and the space will not be confirmed until November 30<sup>th</sup> due to a Right of First Refusal on the space. The Company is also pursuing a sublease in the same building following the recent announcement of a call centre closure.

15.2 Assuming the lease in the Lower Mainland has been finalized, has there been a change in the lease cost that affects the estimated cumulative cost of service for the two call centres?

#### Response:

Per the response to BCUC IR 3.15.1, the lease for the Lower Mainland call centre has not yet been finalized. The annual cost of the lease assumed in the Project costs remains at \$1.7 million.



# CIS Selection/Installation Lessons Learned

**EXHIBITOR SHOWCASE** 

Greg Galluzzi, Senior Vice President TMG Consulting, A Five Point Partners Company

May 21, 2009 10:15 am to 11:15 am



## **Speaker Introduction**

# Greg Galluzzi, SVP, TMG/FPP

- 28 years of experience
- Worked with 170 utilities
- Worked on 300 IT projects
- Worked on 250 CIS initiatives
- Utilities producing 52m bills/mo
- Active in 3 CIS projects



Contact Information: 512-288-2655 x12 phone 512-288-2622 fax gregg@tmgconsulting.com









## **Five Point Partners Acquisition**

TMG Consulting was acquired by Five Point Partners in February 2009.

TMG operates as a line of business within Five Point.



## **Five Point Partners, LLC**

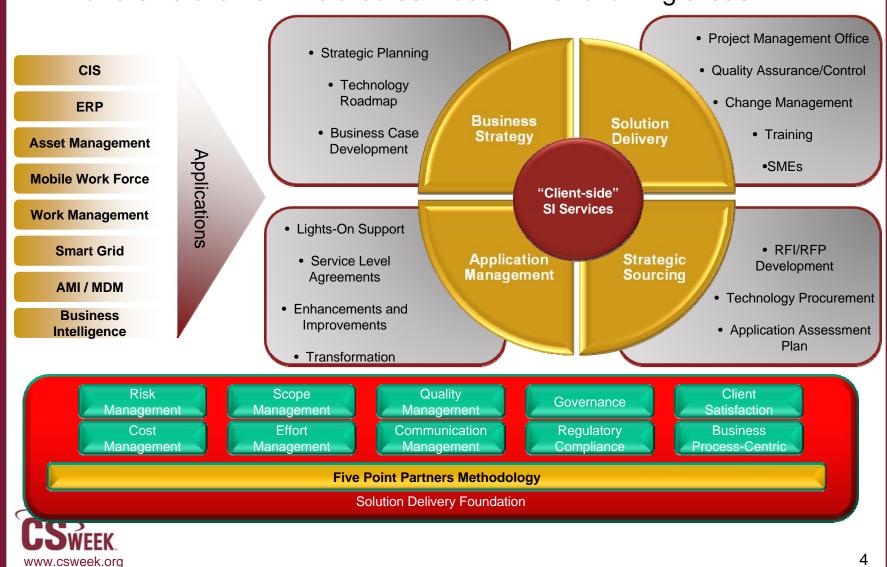
2526 Mt Vernon Rd, Suite B348 Atlanta GA 30338 (404) 260-1599

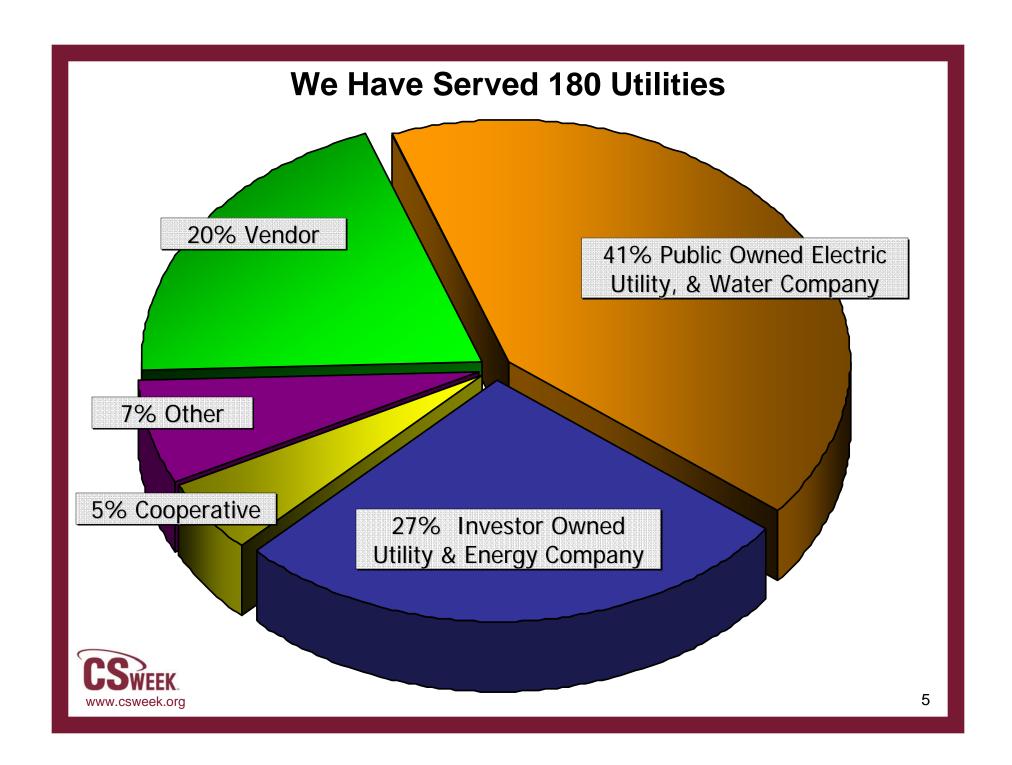




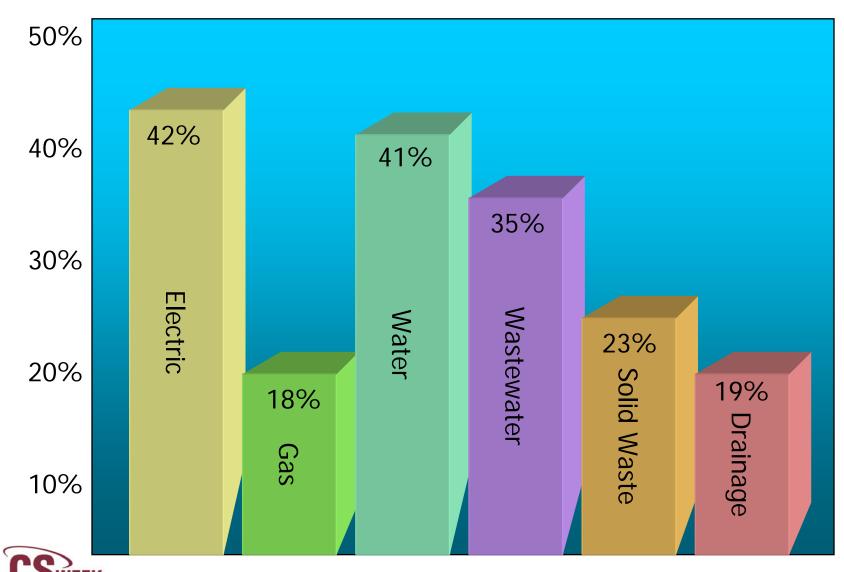
## **Five Point Partners Offerings**

FPP offers its clients IT-related services in the following areas:



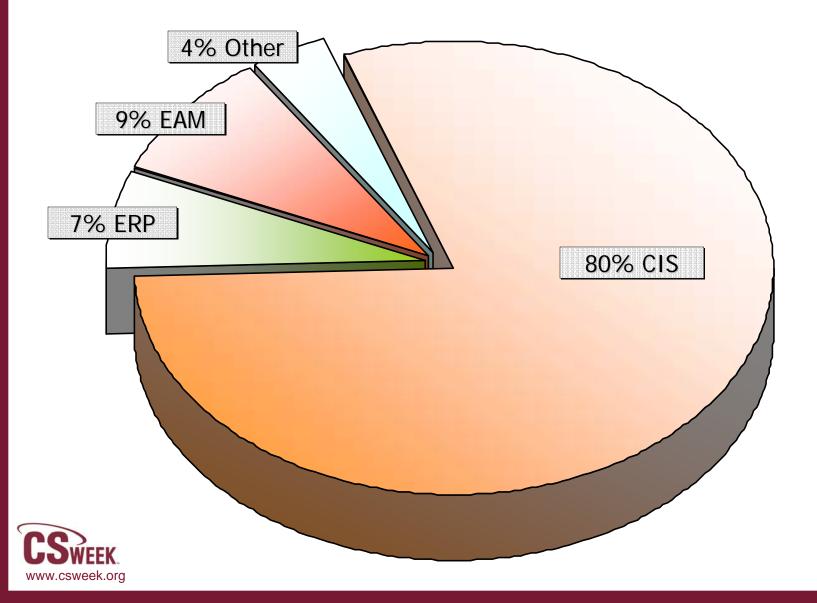




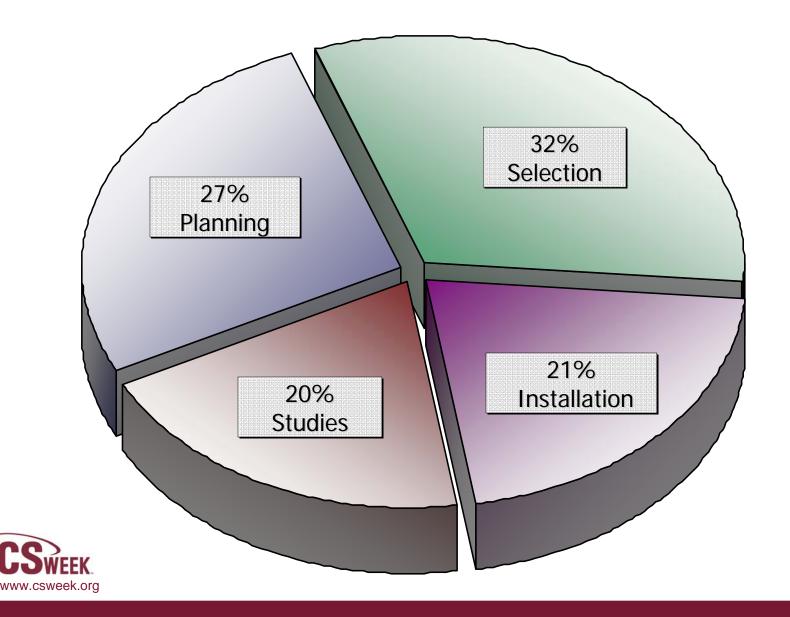


www.csweek.org

# We Have Worked On 336 Projects



# We Have Worked Across The Project Life-Cycle



## **Analysis of 20 Active CIS Projects**

Today's presentation will focus on 20 active CIS projects.

Customers	Services Provided	Work Phase
2,000,000	Natural Gas	Installation
467,000	Water, Wastewater	Installation
450,000	Electric, Water, Wastewater, Solid Waste, Transportation, Drainage	Selection
386,000	Water, Wastewater, Solid Waste	Installation
386,000	Water, Wastewater, Solid Waste	Installation
330,000	Water, Wastewater	Installation
307,000	Electric, Water	Installation
305,000	Water, Wastewater	Installation
190,000	Water, Wastewater	Installation
190,000	Electric	Planning
169,000	Water, Wastewater	Installation



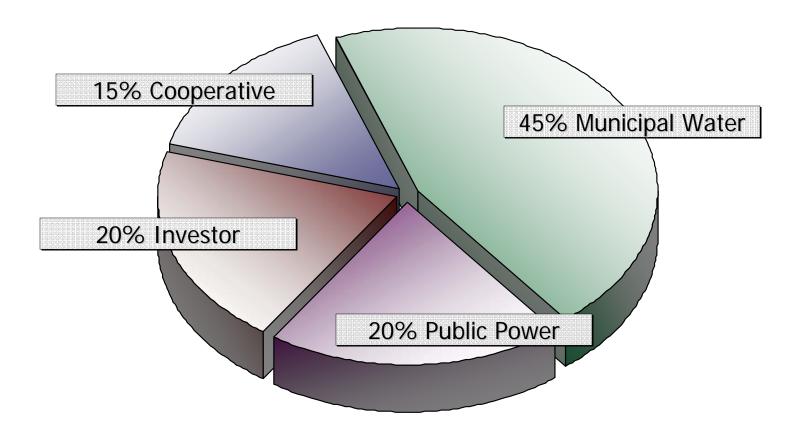
# **Analysis of 20 Active CIS Projects**

• Continued, . . .

Customers	Services Provided	Work Phase
148,000	Electric, Water	Installation
140,000	Water, Wastewater	Installation
133,000	Electric	Selection
80,000	Electric, Natural Gas	Installation
79,000	Electric	Planning
60,000	Water, Wastewater, Solid Waste, Drainage	Installation
60,000	Water, Wastewater	Installation
60,000	Water, Wastewater	Planning
35,000	Water	Installation

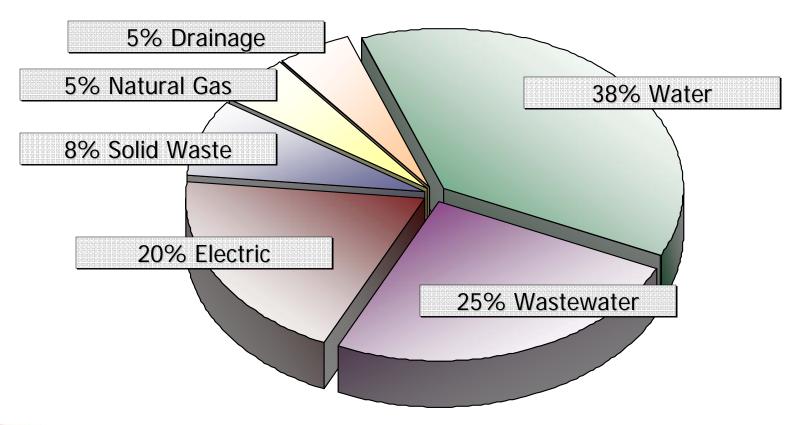


These utilities service a combined count of 5,379,000 customers.



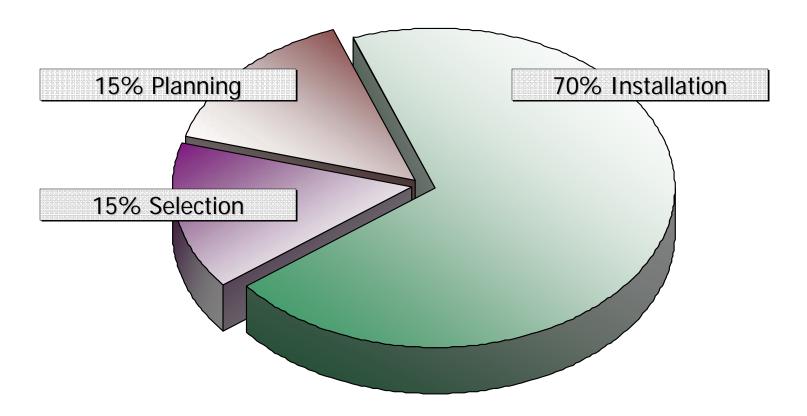


These utilities provide 40 utility services to their customers including electric, natural gas, water, wastewater, solid waste, and drainage.



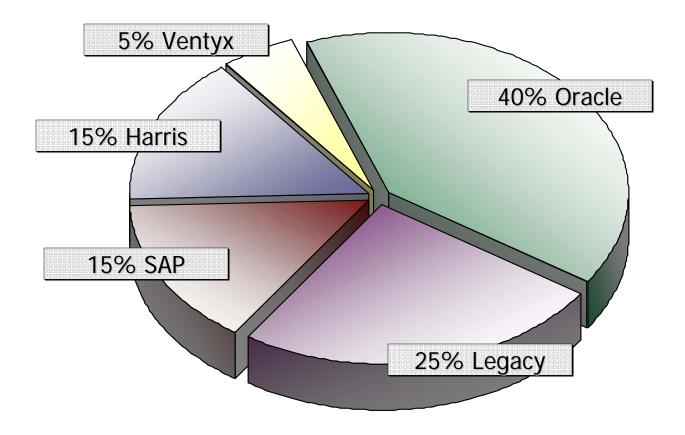


These utilities are either in a planning phase, a selection phase, or an installation phase of work.



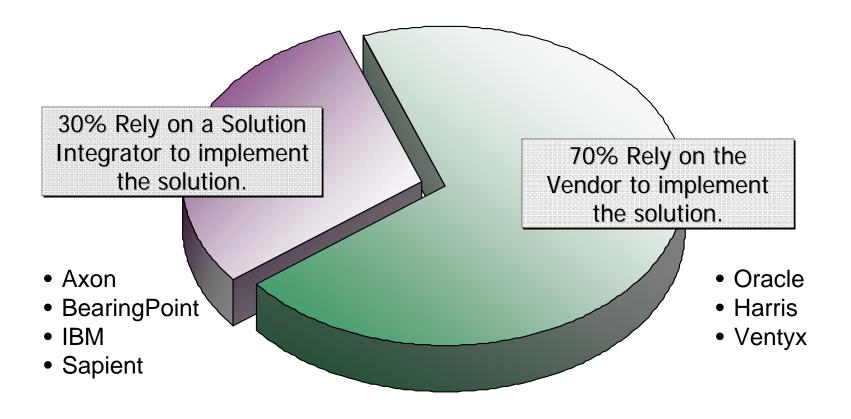


These utilities are operating the following CIS solutions.



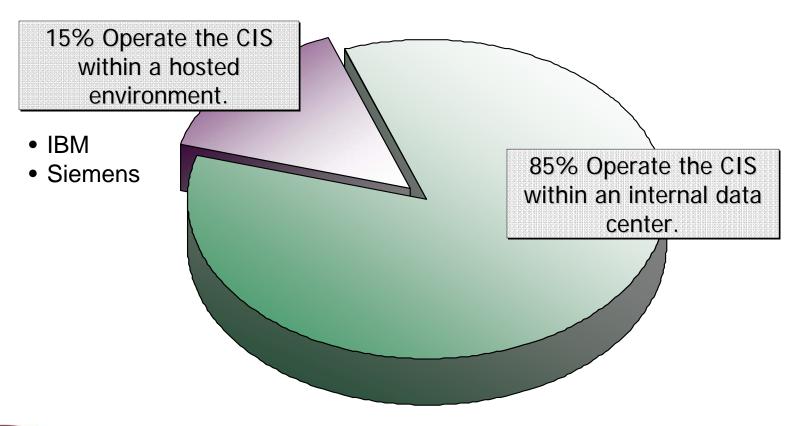


70% of the utilities are relying on the vendor to implement the solution while 30% are using the services of a solution integrator.



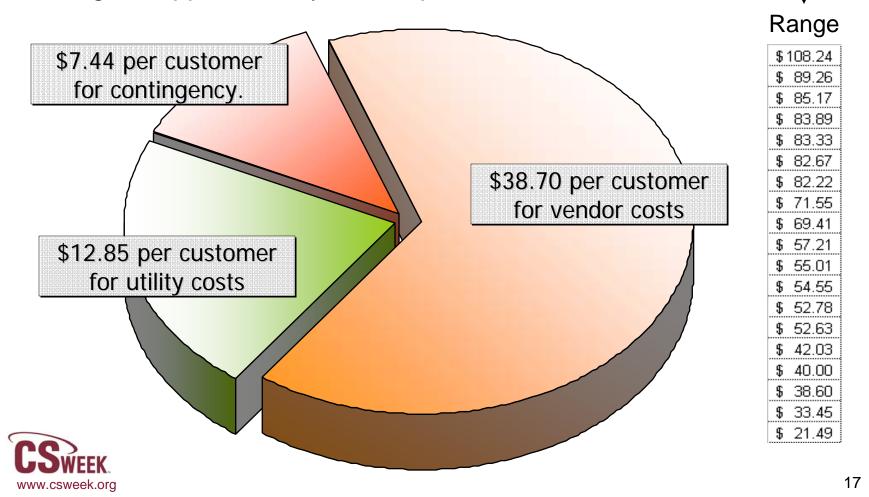


85% of the utilities are operating the CIS within an internal data center, while 15% are operating in a hosted environment.

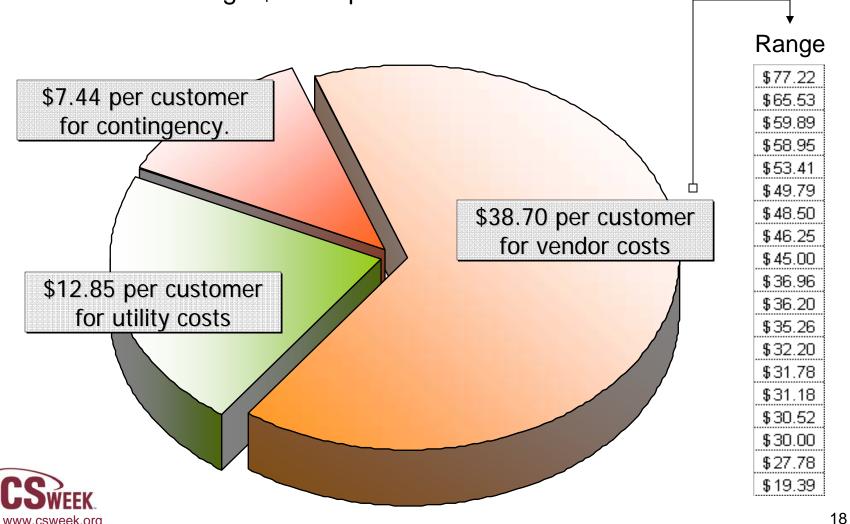




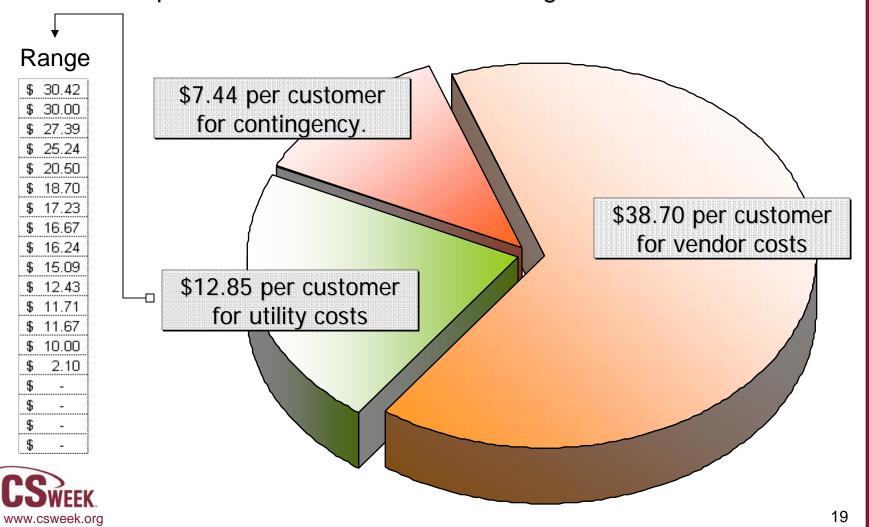
Using a count of 5,379,000 customers served by these 20 utilities, they spent a combined \$317,307,281 on their CIS project. This is an average of approximately \$59.00 per customer.



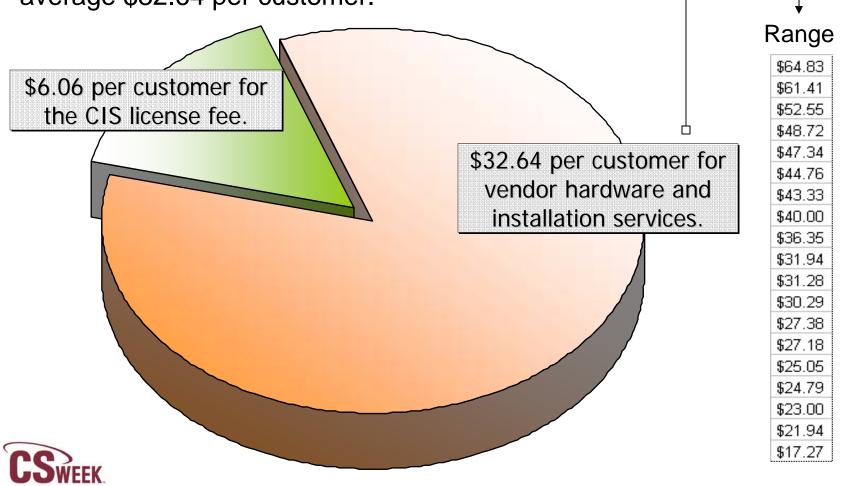
The following presents the range of dollars for the utilities vendor costs which average \$38.70 per customer.



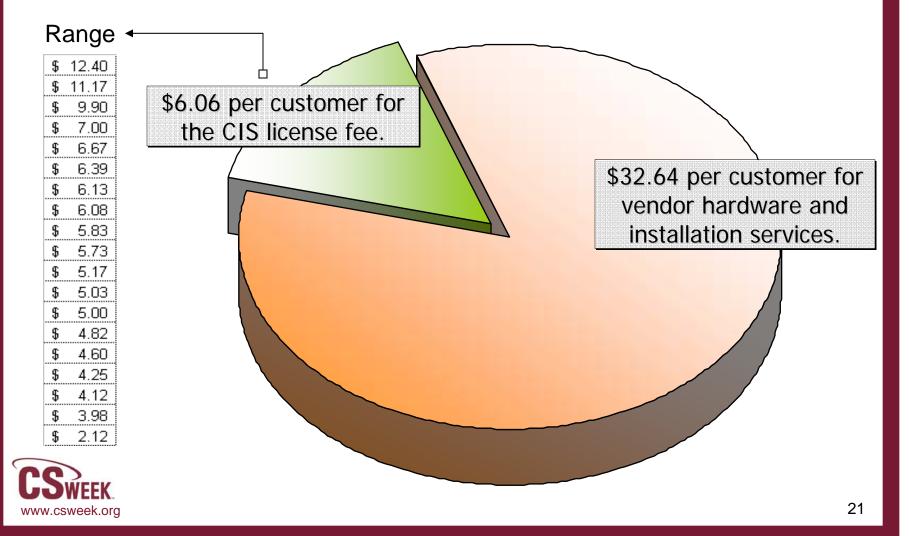
The following presents the range of dollars for the utilities internal and other out-of-pocket costs. Not all utilities budget for internal costs.



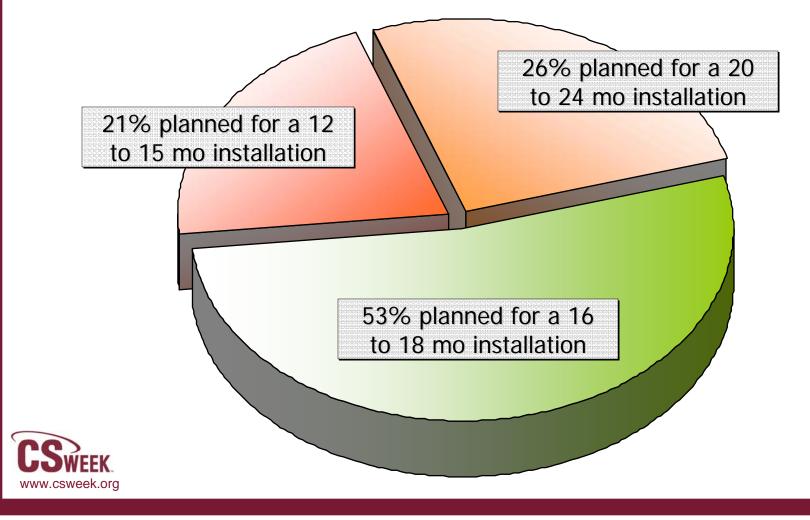
The vendor expenditures are segmented into two categories, first installation services, and second license fee. The installation services average \$32.64 per customer.



The following presents the range of dollars paid by the utilities for their CIS product license fee.



The combined utilities had an average planned go-live timeframe of 18 months. At this time 5 of the 20 utilities or 25% are running behind schedule and have moved their go-live date out.



22

### **Summary of Utility Data**

- Given the current economic climate, the number of CIS initiatives has decreased significantly.
- There are still a number of installation efforts underway, however, there are a small number of planning and selection projects.
- The municipal water utility continues to account for the majority of CIS activity within the industry, however, this activity is dwindling as these water utilities select and implement their CIS solutions.
- The majority of utilities (70%) continue to rely on the vendor to implement the solution. However, 30% utilize the services of a Solution Integrator, especially with the larger utilities.
- Operationally, the majority of utilities (85%) operate their new CIS solution within an internal data center. Only 15% are using the services of a hosted data center.



### **Summary of Utility Data**

- The total average cost to implement a new CIS is \$59.00 per customer. The range varies from a high of \$108.24 per customer to a low of \$21.49 per customer.
- The vendor implementation costs average \$38.70 per customer. The range varies from a high of \$77.22 per customer to a low of \$19.39 per customer.
- These vendor implementation costs are segmented into installation costs and license fees.
  - The installation services average \$32.64 per customer. The range varies from a high of \$64.83 per customer to a low of \$17.27 per customer.
  - The license fee averages \$6.06 per customer. The range varies from a high of \$12.40 per customer to a low of \$2.12 per customer.
- The utility implementation costs average \$12.85 per customer. The range varies from a high of \$30.42 per customer to a low of \$2.10
   per customer. A number of utilities do not budget for internal costs.

### **Summary of Utility Data**

• The average installation time is 18 months. However, 26% planned for a 20 to 24 month installation, 53% planned for a 16 to 18 mo installation, and 21% planned for a 12 to 15 mo installation. At this time 25% or 5 of the 20 projects are behind schedule.



# **TMG Pricing Guidelines**

• The following represents TMG's general pricing guidelines for the installation of a new CIS product solution.

Pricing Category – Per Customer	Min	Max
Vendor Base Installation Costs include: hardware, software, services, expenses and contingency.  Note: if two metered services these numbers would be \$40 and \$60.	\$20	\$30
Utility Installation Costs include: payroll, benefits, marketing, project supplies, project room, training room, temporary services, etc.	\$10	\$30
Solution Integrator Costs include: additional services (e.g. PMO, BPA) to implement the base CIS product and/or extended CIS products.	\$15	\$30
Extended CIS Product Costs include: costs associated with software components that extend the capability of the base CIS e.g. bill print, EBPP, BI, CRM.	\$10	\$20
Total Per Customer Price	\$55	\$110



- The following pages present lessons learned by the 20 utilities in this presentation. The lessons are not listed in any particular order.
- → Beware that some vendors and solution integrators routinely underbid projects or are misleading on RFP responses
- → Deal with funding priorities which in some instances will not allow for an immediate CIS replacement you have to wait a few years.
- ◆ Understand that today, CIS spending for many utilities lags behind spending on plant environmental retrofits, distribution capital replacement, and AMI initiatives. Again, CIS initiatives are being delayed.
- → A smaller utility needs to seriously consider what it will take in time, money and resources to implement a complex CIS solution.
- → If multiple utilities are involved make sure you have adequate representation from each utility on both the selection and the installation project.



- → It is required that you explicitly define your CIS requirements and make sure the implementation specifically addresses these requirements.
- → If your using a consultant, be sure and listen to them they have done this before – you have not.
- → Make sure stakeholder expectations for the new system are established and they are not expecting more than what is going to be delivered.
- Need to understand the level of commitment from a time, money, and resource perspective required to implement a new CIS.
- → Plan for a phase 2 effort if you can't fit everything into the phase 1 go-live. Be sure to budget and formally plan for a phase 2.
- → Recognize that the utility may have limited big project experience and must look to the vendor or solution integrator for direction.



- → Rely on configuration rather than making enhancements to the system.
- → If you don't adequately identify project scope in the selection effort be prepared for scope creep during the installation effort.
- → Plan for a significant contingency fund of 10% to 20% of total project dollars – unplanned items will arise.
- → Take into consideration the bureaucracy and associated timeframes to process items like process change requests or contract amendments.
- → The utility must staff the project to planned levels in order to support project activities and the associated project schedule and go-live date.
- → Dedicate experienced utility staff to the project 100% of their time.



- → Difficult to find experienced resources to staff on the project either from the vendor or the utility.
- → The solution integrator does not have experience or knowledge of the CIS solution they are trying to implement.
- → There needs to be true teamwork and a strong working relationship between the utility and the vendor/solution integrator.
- → Have to deal with the solution integrator switching out key personnel during the project.
- → Plan on supplementing project staff with experienced third party consultants not from the vendor or solution integrator.
- → The need to staff a strong Project Management Office with experienced project managers who know how to manage a large complex CIS project.
- The vendors are struggling with providing experienced project managers.



- → There is a need for strong executive involvement throughout the utility.
- → Retain the project sponsor for the duration of the project changes in the sponsor have impacted project continuity, understanding, and direction.
- → The vendor does not adequately support and direct the utility in terms of what activities they need to be working on, the priority, deadlines, etc.
- → The project work programs are poorly done and are not typically resource loaded. Project position and the ability to achieve the go-live date is not accurately reported.
- → Be sure to involve all departments who use CIS in the selection and installation efforts.
- → Be sure communication flows freely across the multiple utilities involved on the project.
- Conduct backfilling of project positions on a timely basis.



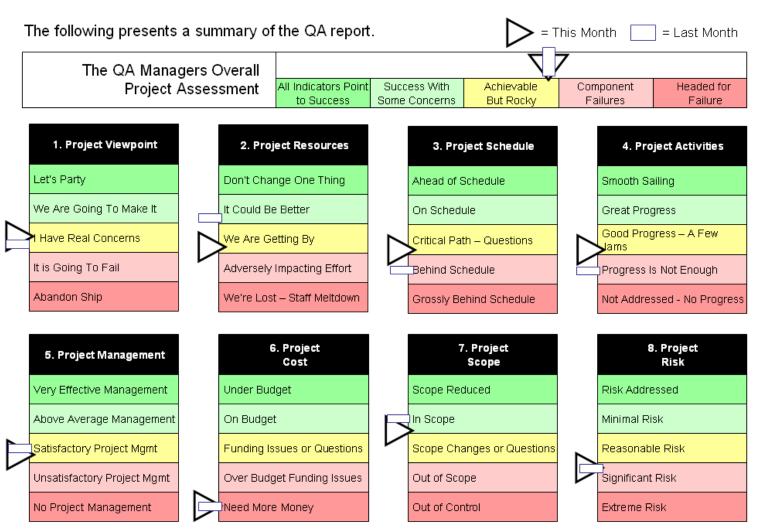
- → Focus on how easily the CIS solution integrates with other vendor and third party products.
- Aggressively monitor the project for delays and record reasons for the delays.
- Don't skimp on training prior to go-live and following the go-live.
- Don't underestimate the time it takes to order and have hardware delivered.
- Don't forget about upgrades required to your network infrastructure and desktop environments.
- → Make sure to identify all of your data sources for the conversion effort.
- → Focus on cleaning up your data to assist with a clean conversion process.



- → In some cases, vendor development capabilities are declining and did not support the project timeline with on-time quality code drops.
- → Reporting is always left to the end plan for it and begin development immediately – this includes use of the CIS data mart.
- → The Data Warehouse solution which everyone is the most excited about gets pushed into a phase 2 effort much to the disappointment of CIS users.
- → Strongly monitor the bill print design and development effort as it is a critical path item which can significantly impact the go-live date.
- The system testing effort is frequently underestimated and can adversely impact the go-live date.
- → Prepare the utility for the culture change/shock of working with the new CIS solution.
- → Be sure to plan and prepare for operating and supporting the new CIS once in production.

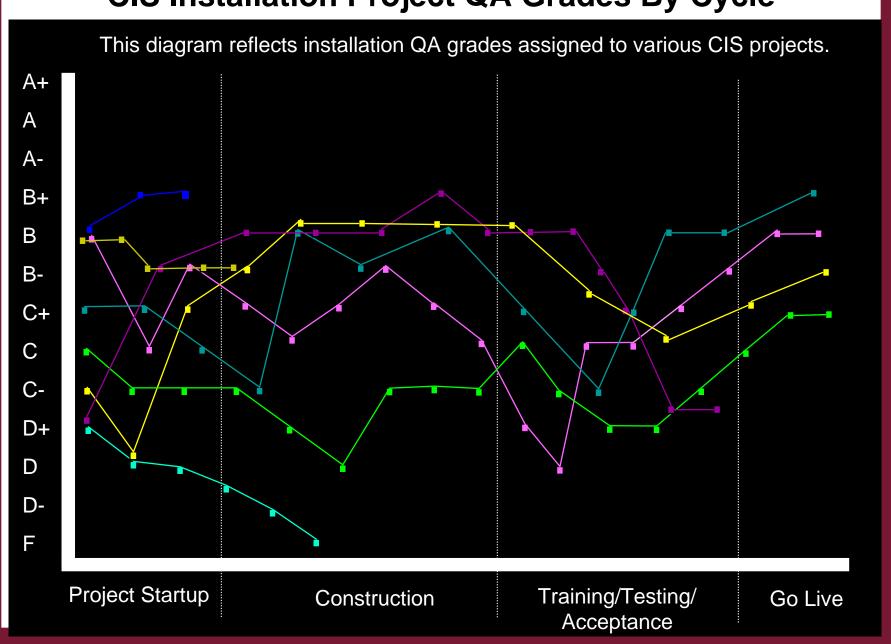


# **Tracking CIS Installation Projects**





# **CIS Installation Project QA Grades By Cycle**



### Project Organization

- The project organization structure is well documented?
- An executive steering committee has been established?
- A project director position has been established?
- A project management position has been established?
- A project administration position has been established?
- A quality management function has been established?
- The vendor has full responsibility for successful completion?
- Project team leader positions have been identified?
- The structure reflects an integrated vendor/customer team?

#### Project Communication

- A formal project team communication program is in place?
- A formal end user / organizational communication program is in place?
- A formal customer communication program is in place?
- A formal board or council communication program is in place?

A formal regulatory body / media communication program is in place?

### Project Perspective

- Overall the project is perceived in a positive light?
- The project team is positive about the project?
- The user community is excited and awaiting the new system?

### Project Staffing

- The utility has staffed positions with experienced personnel?
- The vendor has staffed positions with experienced personnel?
- Core participants are dedicated 100% to the project?

#### Personnel Administration

- Does the team have a physical project workspace?
- Does the team have the tools required to do their job?
- Is the team working a normal 8 hour day?
- If overtime is being incurred are non-salaried individuals being compensated?
- There are no significant personnel issues?

Are personnel aware of the work program, their responsibilities and the **CSWEEK** meline for delivery?

37

### Project Plan / Schedule

- A comprehensive and detailed work program is in place?
- Is the work identified in manageable work segments?
- Are start/stop dates associated with work activities?
- Are budgets associated with work activities?
- Has a critical path been assigned?
- Have project activities been assigned to individuals?
- Has the work program been appropriately reviewed and approved?
- Has adequate time been allocated for vacations, holidays, and nonproductive time?
- Has the plan utilized a productive work day for scheduling purposes?
- Does the work program agree with formal project contracts, budgets, and timelines?
- Are project team members familiar with the work program?
- A project timeline reflecting the work program has been established?
- Project milestones and deliverables have been established?

### Project Administration

- Are weekly project status meetings conducted?
- Is a weekly written status report produced?
- Is a monthly written status report produced?
- Is there a formal change control process in place?
- Are changes being identified and communicated through the formal change control process?
- Has an electronic project office been established?
- Is project documentation being organized and filed?
- Is there a formal issue management process in place?
- Are issues being identified and communicated through the formal issue management process?
- Is there a time and expense reporting system in place?
- Are actual's being reflected in the work program?
- Are estimates to complete and/or percentage completions being reflected in the work program?



#### Contract Administration

- Are formal contractual agreements in place and binding all involved parties?
- Does the work program agree with formal project contracts, original budgets, and timelines?
- How much money has been paid to the vendor(s) to date? And do they comply with the contract?
- The work is proceeding in line with the contract (there are no contract disputes)?
- The customer is current in payments to the vendor(s)?

#### Project Services

- Desktop
  - The desktop hardware and software is in place?
  - The desktop installation and training services have been delivered?
- Server
  - The server hardware and software is in place?
  - The server installation and training services have been delivered?

- RDBMS
  - The RDBMS software is in place?
  - The RDBMS installation and training services have been delivered?
- Network
  - The network hardware and software is in place?
- The Application
  - Has the base CIS product been delivered and accepted?
  - Have base third party products been delivered and accepted?
  - Has training occurred in the base products?
- Project Management
  - Are project management services being provided?
  - Has the project management office been established?
- Product Configuration
  - Are product configuration services being provided?
  - Can the system be easily modified using product setup capabilities?
  - Has the initial product configuration been completed?
  - Has the utility participated in configuration activities?



- Product Engineering
  - The product engineering services are being provided to design all enhancements, interfaces, reports, forms, etc.
  - Are detailed design specifications being prepared and reviewed by the utility?
  - Are technical design specifications being prepared and reviewed by the utility?
  - Is offsite development being managed properly?
  - Is code being delivered on time and of the highest quality?
  - Is accepted code being moved into the appropriate environments?
  - Are code fixes completed in a timely manner and returned to testing?
- Product Interfaces
  - The vendor is working on the product side of the interface?
  - The utility is working on the 3<sup>rd</sup> party application side of the interface?
  - The utility has contracted with 3<sup>rd</sup> parties as required?
- Product Conversion
  - A conversion plan and mapping document has been developed?
  - The utility is designing and developing the conversion extract process?
  - The vendor is designing and developing the conversion load process?

- All of the utility's data sources have been identified and converted?
- A data cleansing effort has been identified and is underway?
- A conversion balancing process has been designed and developed?
- The project is running multiple mock conversion to thoroughly test the conversion programs?

#### Product Reporting

- The required project reports have been identified?
- Training in reporting tools has been conducted?
- Reports to be developed by the vendor and the utility have been assigned?
- Reports necessary for go-live have been identified?
- Reports are being designed, developed, and delivered in a timely manner?
- Installation and configuration of the CIS Warehouse is complete?
- Reports, queries, and portals into the CIS Warehouse have been identified and are being developed?

#### Bill Format and Print

- Any 3<sup>rd</sup> party bill print software has been installed and configured?
- The bill format has been identified, designed and agreed to?
- Any letters have been identified, designed, and agreed to?
  - The bill format and letters have been developed and made available for testing?

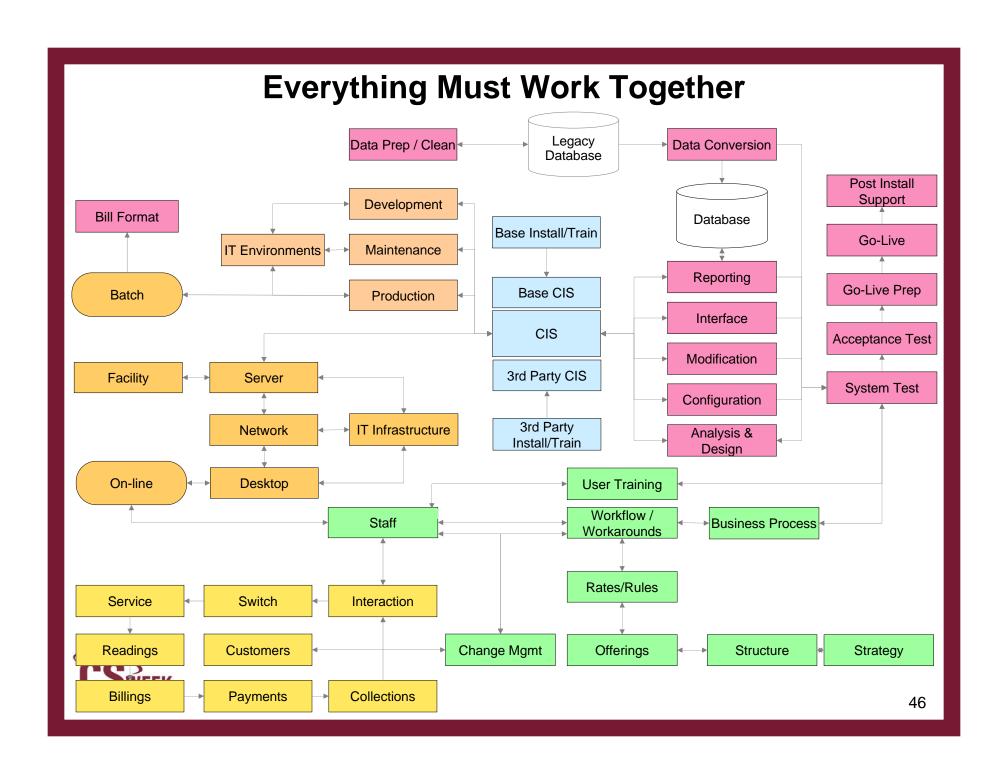
- Business Environment
  - The Utility is developing TOBE business processes for top business transactions?
  - The Utility is identifying impact to rules of service?
  - The Utility is identifying impact to the organization, roles, and responsibilities?
  - The Utility is feeding TOBE business processes into testing for the development of test scripts?
  - The Utility is feeding TOBE business processes into training for the development of training materials in how to do business with the new CIS.
- Product Training and Documentation
  - A training plan has been developed?
  - Training materials using base training and Utility TOBE business processes has been developed?
  - Training facilities and trainers are available for training?
  - Trainers are trained in the course work and materials?
  - Training is conducted for primary, secondary, and casual users?
  - Supplemental training is planned for e.g. desktop training?



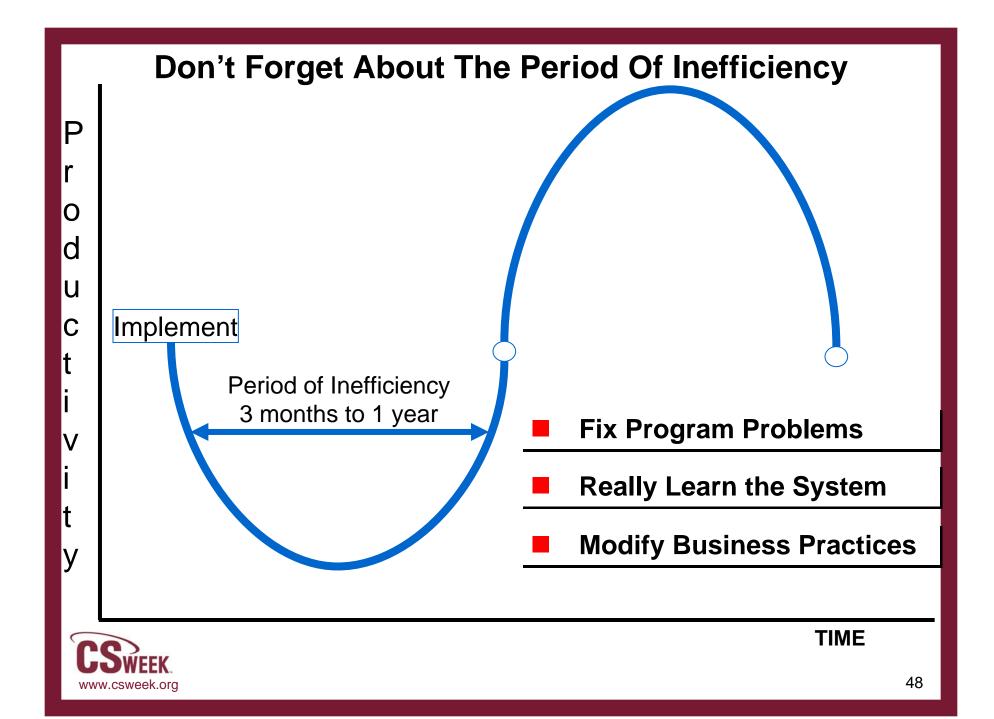
- Product Testing
  - A system test has been planned for and is being conducted?
  - A performance test has been planned for and is being conducted?
  - A user acceptance test has been planned for and is being conducted?
  - A system security test has been planned for and is being conducted?
  - A parallel test has been planned for and is being conducted?
  - A business process or training material test has been planned for and is being conducted?
- Product Installation
  - A cutover plan has been developed?
  - At least two dress rehearsals have been conducted?
  - The go-live entry criteria have been met and the CIS system accepted?
  - The production cutover plan is executed and the system placed into production?
  - The post installation services are being delivered?
  - The final acceptance test is conducted and any project retainage released?
  - The network installation and training services have been delivered?

Other

Any 3<sup>rd</sup> party hardware, software, and services have been delivered?



### The New CIS Must Support The Customer Life-Cycle Credit & Revenue Collections & Billing Collection Revenue Payment Call Interaction **Payment** Processing Center Service Bill Service Bill **Production** Crews Customer Usage Meter Reading 47



### **Top Reasons Why CIS Projects Fail**

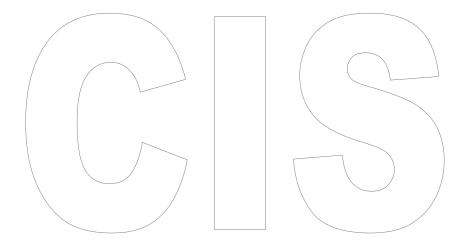
- 1) Award work and develop contracts based on RFP responses without conducting due diligence, scope, and confirmation work.
- 2) Selecting solutions which are not complete and/or not installed at another location. Trying to do custom development.
- 3) Establishing false expectations regarding price, timeframe, and scope of the delivered solution. To be successful expectations must be realistic.
- 4) Utilizing third party implementers and consultants who have no knowledge of the CIS product.
- 5) The lack of strong executive involvement and project sponsorship, especially if multiple utilities and departments are involved.



### **Top Reasons Why CIS Projects Fail**

- 6) Lack project management to administer and control the entire project. The lack of a solid project work program is a big problem.
- 7) Customization of a product solution versus configuration with a goal toward zero modifications.
- 8) The utility does not change business processes and tries to make the CIS product conform to existing processes and procedures.
- 9) Lack of a comprehensive and ongoing training and education program.
- 10) The utility goes live before the system and the business is ready for production.



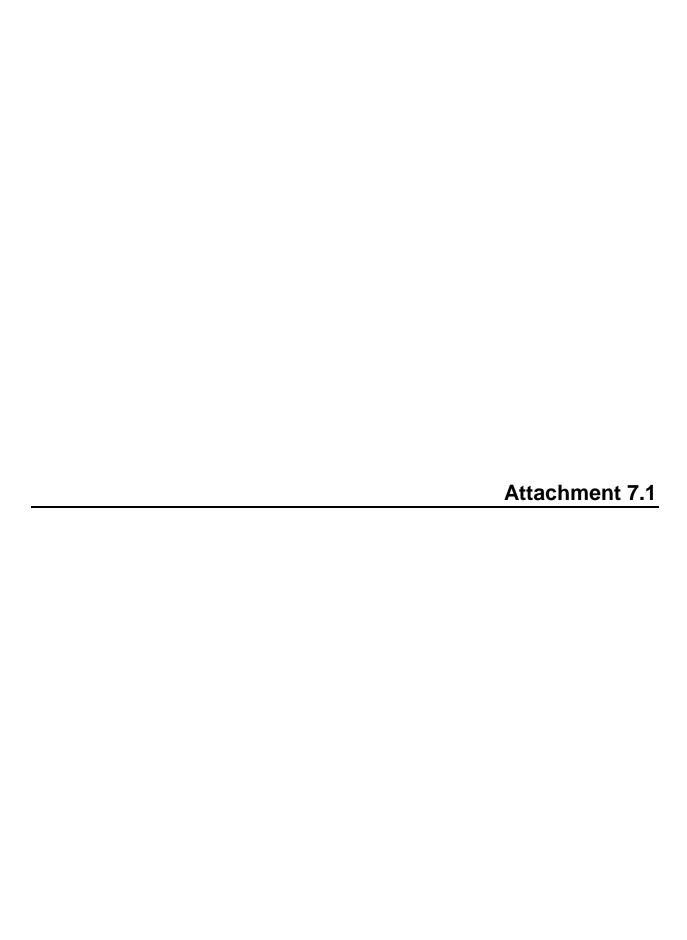


# WHY TRAVEL ALONE?

Provided By TMG Consulting, A Five Point Partners Company
A Utility and Energy Industry Solution Provider

www.tmgconsulting.com

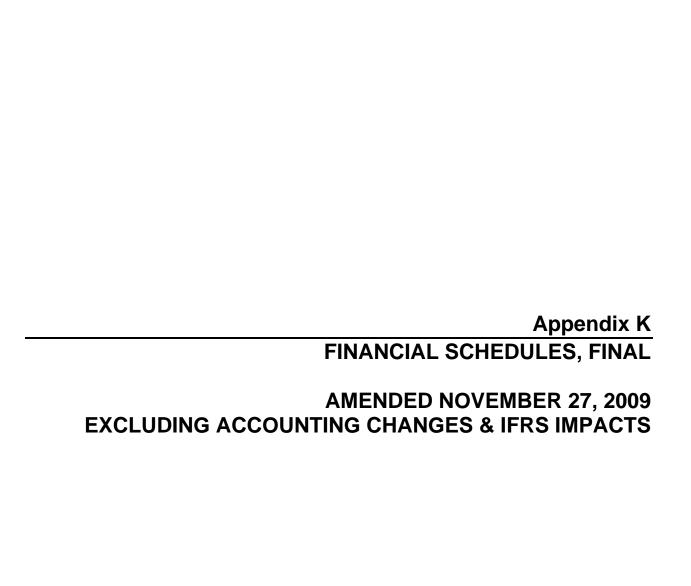




## **Detail List of Changes** Current Version (November 27, 2009) compared to Amended Application

			Schedule		
#	Description of Change	Category	Reference(s)	Impact	IR Reference(s)
	Row reference error used in the	Financial Model	. ,	Combined	BCUC IR 1.120.1
	formula that calculates plant		S7	impact of	through BCUC IR
	retirements			changes 1-8:	1.120.6
2	Two cell reference errors in the	Financial Model	Appendix K- S3 through	\$0.63 reduction	BCUC IR 1.120.1
	depreciation expense formula		S7	to levelized cost per	through BCUC IR
				customer.	1.120.6
3	Cell reference error in the deferred	Financial Model	Appendix K- S3 through	Impact was	BCUC IR 1.120.1
	charge amortization formula		S7	driven primarily	through BCUC IR 1.120.6
				by changes in	1.120.0
4	,	Financial Model	Appendix K- S1 and S3	retirement and depreciation	
	capital spending		through S7	formula errors	
5	Corrections to recurring capital	Financial Model	Appendix K- S3 through	Tomica orioio	
	additions		S7		
6	O&M costs input into the model	Financial Model	Appendix K- S2 and S5		
		and Project Costs	through S7		
			Annandia IC CO (I		
7	Correction to ROE for TGVI and TGW	Financial Model	Appendix K- S3 through S7		
0		F	Appendix K- S4 through		
8	CCA rate reference for internal	Financial Model	S7		
	labour, materials and training	E: : 184 1 1	Appendix K- S3 through	£0.20 raduation	DOLLO ID 2 25 7
9	Removal of Capitalized Overhead	Financial Model	S7	to levelized	BCUC IR 2.25.7
			07	cost per	
				customer	
10	Removal of Banner Conversion cost	Financial Model	Appendix K- S7	Revert	BCUC IR 2.25.1
	of service duplication in calculation			levelized cost	
	of existing arrangement cost per			per customer of existing	
	customer calculation			arrangement	
				back to \$71.70	
			0 6 4 4 4	0 (1)	DOLLO ID 0 04 4
11	Removal of software costs (input	Financial Model	Confidential Spreadsheet 2,	Confidential	BCUC IR 2.24.1
	error)	and Project Costs	Appendix K - S1 and S3		
			through S7		
12	Cost reclassification (hardware &	Financial Model	Confidential	Confidential	BCUC IR 2.24.1
	software)	and Project Costs	Spreadsheet 2,		
			Appendix K - S1 and S3 through S7		
13	US Exchange calculation error	Financial Model	Confidential	Confidential	
•	23 Exchange calculation error		Spreadsheet 2,		
			Appendix K - S1 and S3		
4.4			through S7	0	DOLLO ID 0 0 4
14	Removal of software costs	Financial Model	Confidential Spreadsheet 2,	Confidential	BCUC IR 3.2.1
	(duplication error)	and Project Costs	Appendix K - S1 and S3		
			through S7		
15	Removal of software costs	Financial Model	Confidential	Confidential	BCUC IR 3.2.1
	(duplication error)	and Project Costs	Spreadsheet 2,		
			Appendix K - S1 and S3		
16	Transition cost update	Financial Model	through S7 Confidential	Confidential	
.0	Transition cost upuate	and Project Costs	Spreadsheet 2,	Commodition	
		una i roject costs	Appendix K - S1 and S3		
1			through S7		

<sup>\*</sup>All changes impact Confidential Spreadsheet 1
\*\*The combined impact of items 11-16 had a \$0.37 reduction on the levelized cost per customer.



S1 - Project Costs

Attachment 7.1b

Financial Schedule 1

Customer Care Enhancement Project- FINAL (November 27, 2009)

Estimated Project Implementation Costs in \$000s

TGI Component	Reference	<u>Total</u>	2009	2010	2011	2012
Capital - CIS Implementation						
1 Consulting		32,014	862	12,856	15,039	3,257
2 Internal Labour		6,543	-	2,453	3,444	646
3 Expenses		9,145	-	1,283	6,350	1,512
4 Software		5,183	-	4,841	342	-
5 Hardware	_	996	<u>-</u>	731	265	<u>-</u>
6 Subtotal		53,882	862	22,164	25,440	5,415
Capital - Services Insourcing						
7 Consulting		25,972	770	3,564	18,256	3,382
8 Internal Labour		4,209	-	1,622	2,587	-
9 Facilities		7,821	-	1,207	6,614	-
10 Expenses		163	163	-	-	-
11 Software		997	-	591	406	-
12 <u>Hardware</u>	_	2,265	<u>-</u>	14	2,251	<u>-</u>
13 Subtotal		41,427	933	6,998	30,114	3,382
Total Plant Additions						
14 CIS		53,882	862	22,164	25,440	5,415
15 Service Insourcing		41,427	933	6,998	30,114	3,382
16 Subtotal		95,309	1,795	29,162	55,554	8,797
17 AFUDC		3,165	-	915	2,250	
18 Total Plant Additions	x-ref S3b, (2010 column, lines 25 + 237 + 449) + lines 37 + 249 + 461	98,474	1,795	30,077	57,804	8,797
Deferred O&M						
19 Internal Labour		9,210	-	77	9,133	-
20 Expenses	_	867	<u> </u>	<u> </u>	867	<u>-</u>
21 Subtotal	x-ref S3b, lines 203 + 415 + 627	10,077	-	77	10,000	-
22 AFUDC	x-ref S3b, lines 207 + 419 + 631	316	-	2	314	0
23 Total Deferred O&M		10,393	-	79	10,314	-
24 Capital Lease		6,677	50	104	6,523	
25 Total		115,544	1,845	30,260	74,642	8,797

S2 - Customer Care New O&M

Attachment 7.1b

Financial Schedule 2
Customer Care Enhancement Project- FINAL (November 27, 2009)
Estimated Customer Care O&M Costs in \$000s, Except Cost /Customer Amounts

2010 2011 2012 2028 2031 24,746 27,152 32,723 1 Labour 20,289 20,343 21,218 22,132 23,088 23,628 24,180 25,326 25,920 26,529 27,791 28,445 29,116 29,802 30,506 31,227 31,966 2 Outsourced Services 20,309 21,480 22,069 22,669 23,287 23,921 24,351 25,386 25,987 26,464 27,241 28,021 28,799 29,622 30,748 31,447 32,380 33,319 34,285 35,243 3 Technology Support 4 Facilities Support 1,479 3,189 1.464 1,448 1.433 1,418 1,402 1.407 1,412 1.417 1,422 1.427 1.432 1.438 1.443 1,448 1.454 1.459 1.465 1,470 4,554 1.476 4,646 3,253 3,965 1,217 3,318 3,384 3,452 3,521 3,591 3,663 3,736 3,811 3,887 4,044 4,125 4,208 4,292 4,378 4,465 5 Expenses 6 Total 998 1,425 **75,513** 46.237 50.657 52,303 53,552 54.632 56.332 57,613 58,786 60.276 63.313 64,901 68,312 73,673 49.071 61.787 66.810 70.066 7 Ave Customers 959,757 968,338 986,272 1,004,941 1,024,090 1,033,849 1,043,735 1,053,749 1,074,174 1,095,142 1,116,674 1,150,075 8 Cost /Customer 48.18 49.09 50.22 51.36 52.54 53.29 53.85 55.01 55.73 56.32 57.20 58.08 58.94 59.84 61.01 61.77 62.75 63.71 64.69 65.66

\*Note- Total costs include annual lease payment of \$1.7 million; the revenue requirement includes this as a capital lease and therefore it is accounted for through depreciation, tax and earned return.

S3a - Rate Base- Summary Attachment 7.1b

## Financial Schedule 3a

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
TGI																							
Opening Gas Plant In Service	S3b, line 87	-		34,144	87,791	87,791	87,791	87,791	87,009	86,846	86,846	65,393	12,701	12,689	12,680	12,680	12,680	12,680	13,056	12,596	12,596	12,596	12,596
2 Additions	S3b, line 100	-	34,144	53,647	-	-	-	1,236	793	-	3,555		1,224	785	-	-	-	1,599	3,880	-	-	-	1,196
3 Retirements	S3b, line 113		<u> </u>					(2,019)	(955)		(25,008)	(52,692)	(1,236)	(793)			<u> </u>	(1,224)	(4,339)				(1,210)
4 Closing Gas Plant In Service 5	S3b, line 126	-	34,144	87,791	87,791	87,791	87,791	87,009	86,846	86,846	65,393	12,701	12,689	12,680	12,680	12,680	12,680	13,056	12,596	12,596	12,596	12,596	12,582
6 Opening Accumulated Depreciation	S3b, line 139	-	-	-	(3,629)	(14,036)	(24,443)	(34,850)	(43,238)	(52,532)	(62,750)	(47,960)	(2,804)	(2,518)	(2,672)	(3,617)	(4,563)	(5,508)	(5,230)	(1,882)	(2,815)	(3,749)	(4,682)
7 Depreciation	S3b, line 165	-	-	(3,629)	(10,407)	(10,407)	(10,407)	(10,407)	(10,250)	(10,218)	(10,218)	(7,536)	(950)	(947)	(945)	(945)	(945)	(945)	(991)	(933)	(933)	(933)	(933)
8 Retirements	S3b, line 152	-	-	-	-	-	-	2,019	955	-	25,008	52,692	1,236	793	-	-	-	1,224	4,339	-			1,210
9 Closing Accumulated Depreciation	S3b, line 178	-	-	(3,629)	(14,036)	(24,443)	(34,850)	(43,238)	(52,532)	(62,750)	(47,960)	(2,804)	(2,518)	(2,672)	(3,617)	(4,563)	(5,508)	(5,230)	(1,882)	(2,815)	(3,749)	(4,682)	(4,405)
11 Opening Contributions in Aid of Construction	S3b, line 190	_	_	(3,171)	(12,253)	(18,499)	(18,499)	(18.499)	(18.499)	(18,499)	(18,499)	(15,772)	(6,740)	(494)	(494)	(494)	(494)	(494)	(542)	(535)	(485)	(485)	(485)
12 Additions	S3b, line 191	_	(3,171)	(9,081)	(6,247)	(, 100)	(.2,100)	(, 100)	(, 100)	(, 100)	(444)	(49)	(0,7 10)		(.0.)	(.0.)	, 10 1)	(49)	(437)	(000)	(100)	(100)	(100)
13 Retirements	S3b, line 192	_	(=,,	(=,==-,	(-,,	_	_	_	_	_	3,171	9.081	6.247	_	_	_	-	(/	444	49	-	_	_
14 Closing Contributions in Aid of Construction	S3b, line 193		(3,171)	(12,253)	(18,499)	(18,499)	(18,499)	(18.499)	(18.499)	(18,499)	(15,772)	(6,740)	(494)	(494)	(494)	(494)	(494)	(542)	(535)	(485)	(485)	(485)	(485)
15	00b, iiile 100		(3,171)	(12,200)	(10,433)	(10,433)	(10,433)	(10,433)	(10,433)	(10,433)	(13,772)	(0,740)	. ,	(454)	(434)	(434)	(434)	(342)	(555)	(400)	(400)	(403)	(400)
16 Opening Amortization of Contributions in Aid of Construction	S3b, line 195	-	-	-	396	1,928	4,240	6,553	8,865	11,178	13,490	12,631	5,521	117	179	241	302	364	426	49	67	127	188
17 Amortization	S3b, line 196	-	-	-	-	-	-	-	-	-	(3,171)	(9,081)	(6,247)	-	-	-	-	-	(444)	(49)	-	-	-
18 Retirements	S3b, line 197	-	-	396	1,532	2,312	2,312	2,312	2,312	2,312	2,312	1,972	843	62	62	62	62	62	68	67	61	61	61
19 Closing Amortization of Contributions in Aid of Construction	S3b, line 198	-	-	396	1,928	4,240	6,553	8,865	11,178	13,490	12,631	5,521	117	179	241	302	364	426	49	67	127	188	249
20 21 Opening Net Plant In Service				30.973	72,306	57.184	49,089	40.995	34.137	26.992	19.087	14,292	8.678	9.794	9,694	8.810	7.926	7.042	7.709	10.229	9,362	8.490	7,617
22 Closing Net Plant In Service			30,973	72,306	57,184	49.089	40,995	34,137	26,992	19,087	14,292	8,678	9.794	9,694	8,810	7,926	7,042	7,709	10,229	9,362	8,490	7,617	7,940
23			30,573	12,300	37,104	45,005	40,555	34,137	20,552	15,007	14,232	0,070	3,734	3,034	0,010	7,520	7,042	1,105	10,225	5,302	0,430	7,017	7,540
24 Mid Year Net Plant in Service	(line 21 + line 22)/2	-	15,487	51,639	64,745	53,137	45,042	37,566	30,565	23,040	16,689	11,485	9,236	9,744	9,252	8,368	7,484	7,376	8,969	9,796	8,926	8,053	7,778
25																							
26 Opening Deferred Charges	S3b, line 202	-	51	6,879	6,019	5,159	4,299	3,440	2,580	1,720	860	-	-	-	-	-	-	-	-	-	-	-	-
27 Additions	S3b, line 205	51	6,828	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28 Amortization	S3b, line 206	-	-	(860)	(860)	(860)	(860)	(860)	(860)	(860)	(860)	-	-	-	-	-	-	-	-	-	-	-	-
29 Closing Deferred Charges	S3b, line 208	51	6,879	6,019	5,159	4,299	3,440	2,580	1,720	860	-	-	-	-	-	-	=	=	-	-	-		
30																							
31 Mid Year Deferred Charges		-	-	6,449	5,589	4,729	3,870	3,010	2,150	1,290	430	-	-	-	-	-	-	-	-	-	-	-	-
32 Capital Lease Rate Base		-	14,114	12,605	11,102	9,603	8,111	6,623	5,141	3,665	2,194	730	13,838	12,355	10,877	9,406	7,941	6,482	5,030	3,584	2,145	713	-
33 13 Month Adjustment (row 211, S3b)	S3b, line 211	-	-	(5,577)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34																							
35 TGI Rate Base	x-ref S3b, line 212	_	29,600	65,116	81,436	67,469	57,023	47,199	37,855	27,994	19,313	12,215	23,074	22,099	20,129	17,774	15,425	13,858	13,999	13,380	11,071	8,767	7,778

S3a - Rate Base- Summary Attachment 7.1b

## Customer Care Enhancement Project- FINAL (November 27, 2009)

Rate Base Summary in \$000s
\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

Sol, line 319		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Addition	TGVI	11010101100	2 2010	2011	20.2	2010	2011	2010	2010	2011	2010	2010	LULU	LUL!	LULL	LULU	LULI	LULU	LULU	LULI	LULU	LULU	2000	2001
Addition																								
88 Refirements S5b, line 355	36 Opening Gas Plant In Service			-		10,419	10,419	10,419	10,419		10,331	10,331	7,853			1,613	1,613	1,613			1,697	1,697	1,697	1,697
Solution	37 Additions			4,046	6,373	-	-	-	160	104	-	484	-	173	113	-	-	-	246	607	-	-	-	201
40 Opening Accumulated Depreciation				-	-		-	-									-						-	(186)
41 Opening Accumulated Depreciation	39 Closing Gas Plant In Service	S3b, line 33	- 38	4,046	10,419	10,419	10,419	10,419	10,339	10,331	10,331	7,853	1,593	1,605	1,613	1,613	1,613	1,613	1,687	1,697	1,697	1,697	1,697	1,711
A conting contributions in Aid of Construction   S3b, line 402   S3b, line 403   S3b, line 404   S3b, line 404   S3b, line 405   S3b, line 404   S3b, line 404   S3b, line 405   S3b, line 4																								
43 Retirements S3b, line 364				-	-																			(658)
4 Closing Accumulated Depreciation				-	(430)	(1,235)	(1,235)	(1,235)			(1,217)					(129)	(129)	(129)			(142)	(142)	(142)	(142)
46 Opening Contributions in Aid of Construction  S3b, line 403  S3b, line 403  S3b, line 403  S3b, line 403  S3b, line 404  Closing Contributions in Aid of Construction  S3b, line 405  S3b, line 407  S3b, line 407  S3b, line 408  S				-	-	-	-	-			-							-					-	186
46 Opening Contributions in Aid of Construction  S3b, line 402  Additions  S3b, line 403  S3b, line 403  S3b, line 404  Retirements  S3b, line 405  Opening Amortization of Contributions in Aid of Construction  S3b, line 407  Additions  S3b, line 408  S3b, line 407  S3b, line 408  S3b, line 407  S3b, line 407  S3b, line 408  S3b, line 407  S3b, line 408  S3b, line 408  S3b, line 408  S3b, line 407  S3b, line 408  S3b, line		ciation S3b, line 39	90 -	-	(430)	(1,665)	(2,900)	(4,135)	(5,131)	(6,237)	(7,454)	(5,710)	(357)	(323)	(346)	(475)	(605)	(734)	(691)	(233)	(375)	(516)	(658)	(613)
4 Additions S3b, line 403 S3b, line 404 S8b, line 405 S3b, line 406 S3b, line 407 S3b, line 408 S3b, line 408 S3b, line 407 S3b, line 408 S3b,																								
Retirements				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Closing Contributions in Aid of Construction   S3b, line 405   S3b, line 407   S3b, line 408   S3b, line 407   S3b, line 408   S3b, line 409   S3b, line 408   S3b, line 409   S3b, line 408   S3b, line 409   S3b, line 409   S3b, line 408   S3b, line 409				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solid   Committed   Contributions in Aid of Construction   Contributions in Aid of Constructio				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sol, line 407 S3b, line 407 S3b, line 407 S3b, line 408 S3b, line 408 S3b, line 409 S3b, line 410 S3b, line 410 S4b, line 410 S4		of Construction S3b, line 40	05 -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sab, line 408 S3b, line 409 S3b, line 400 S3b, line 409 S3																								
Sa, line 409 Closing Amortization of Contributions in Aid of Construction Sab, line 410 Sab, line 414 Sab, line 415 Sab, line 41				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54 Closing Amortization of Contributions in Aid of Construction 55 56 Opening Net Plant In Service 57 Closing Net Plant In Service 58 Universely 10 Closing Net Plant In Service 59 Mid Year Net Plant in Service 61 Opening Deferred Charges 63 Amortization 64 Closing General Charges 65 S3b, line 417 65 Additions 66 S2b, line 418 67 Closing Opening Deferred Charges 67 Closing Opening Deferred Charges 68 S3b, line 418 69 S3b, line 418 60 S3b, line 418 61 S3b, line 418 62 Additions 63 Amortization 64 Closing Amortization of Contributions in Aid of Construction 65 Closing Amortization 65 Closing Net Plant In Service 66 S2b, line 418 67 S3b, line 418 68 S3b, line 418 69 S3b, line 418 69 S3b, line 418 60 S3b, line 418 60 S3b, line 418 61 S3b, line 428 61 S2b, line 428 61 S3b, line 428 6				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
55   Opening Net Plant In Service   -   4,046   9,989   8,754   7,519   6,283   5,208   4,094   2,876   2,143   1,235   1,283   1,283   1,283   1,138   1,009   879   996   1,464   1,322   1,181   1,099   1,181   1,181   1,099   1,181   1,099   1,181   1,181   1,099   1,181   1,181   1,099   1,181   1,199   1,181   1,199   1,181   1,181   1,199   1,181   1,181   1,199   1,181   1,				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56 Opening Net Plant In Service 4,046 9,989 8,754 7,519 6,283 5,208 4,094 2,876 2,143 1,235 1,283 1,288 1,138 1,009 879 996 1,464 1,322 1,181 1,039 879 996 1,464 1,322 1,181 1,181 1,039 879 996 1,464 1,322 1,181 1,181 1,039 879 996 1,464 1,322 1,181 1,18		ributions in Aid of Construction S3b, line 41	10 -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
57 Closing Net Plant In Service																								
58 59 Mid Year Net Plant in Service (line 21 + line 22)/2			-	-																				1,039
59 Mid Year Net Plant in Service (line 21 + line 22)/2 - 2,023 7,018 9,371 8,136 6,901 5,746 4,651 3,485 2,510 1,689 1,259 1,275 1,203 1,074 944 938 1,230 1,393 1,251 1,110 60 61 Opening Deferred Charges S3b, line 414 - 6 820 718 615 513 410 308 205 103				4,046	9,989	8,754	7,519	6,283	5,208	4,094	2,876	2,143	1,235	1,283	1,268	1,138	1,009	879	996	1,464	1,322	1,181	1,039	1,098
60   Copening Deferred Charges   S3b, line 414   - 6   820   718   615   513   410   308   205   103																								
62 Additions S3b, line 417 6 814	59 Mid Year Net Plant in Service	(line 21 + line 2	22)/2 -	2,023	7,018	9,371	8,136	6,901	5,746	4,651	3,485	2,510	1,689	1,259	1,275	1,203	1,074	944	938	1,230	1,393	1,251	1,110	1,069
62 Additions S3b, line 417 6 814	60					=		=																
63 Amortization S3b, line 418 - (103) (103) (103) (103) (103) (103) (103)				6	820	/18					205	103	-	-	-	-	-	-	-	-	-	-	-	-
64 Closing Deferred Charges S3b, line 420 6 820 718 615 513 410 308 205 103				814	(400)	(400)					(400)	(400)	-	-	-	-	-	-	-	-	-	-	-	-
												(103)	-	-	-	-	-		-	-	-	-	-	
	65 Closing Deterred Charges	S30, line 42	20 6	820	718	615	513	410	308	205	103	-	-	-	-	-	-	-	-	-	-	-	-	-
					700	000	504	404	250	050	454													
			-										-						-					-
67 Capital Lease Rate Base - 1,678 1,524 1,365 1,201 1,031 857 677 491 299 101 1,952 1,773 1,588 1,398 1,200 997 787 571 348 118		201 11 10	-	1,678		1,365	1,201	1,031	857	6//	491	299	101	1,952	1,773	1,588	1,398	1,200	997	787	5/1	348	118	-
68 13 Month Adjustment S3b, line 423 - (662)		S3b, line 42	- 23	-	(662)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
69 70 TOVI Rate Base x-ref S3b, line 424 - 3.701 8.649 11.403 9.901 8.394 6.962 5.584 4.129 2.860 1.790 3.211 3.048 2.791 2.471 2.145 1.935 2.017 1.964 1.599 1.228		v rof C2h line	424	2 704	0.640	11 102	0.001	0.204	6.060	E E0.4	4 120	2.060	1 700	2 244	2.040	2.701	2 474	2.145	1.025	2.017	1.064	1.500	1 220	1.000
70 <b>TGVI Rate Base</b> x-ref S3b, line 424 - 3,701 8,649 11,403 9,901 8,394 6,962 5,584 4,129 2,860 1,790 3,211 3,048 2,791 2,471 2,145 1,935 2,017 1,964 1,599 1,228	/U IGVIRALE Base	x-rer 53b, line		3,701	0,649	11,403	9,901	0,394	0,962	5,584	4,129	∠,860	1,790	3,211	3,048	2,791	2,471	2,145	1,935	2,017	1,964	1,599	1,228	1,069

S3a - Rate Base- Summary Attachment 7.1b

## Customer Care Enhancement Project- FINAL (November 27, 2009)

Rate Base Summary in \$000s
\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	TGW																							
74	On select One Blook In One des	001- 11 544			400	000	000	000	000	004	004	004	407	00	00	00	20	00		40	00	20	20	00
	Opening Gas Plant In Service	S3b, line 511	-	-	102	263	263	263	263	261	261	261	197	39	39	39	39	39	39 5	40	39	39	39	39
	Additions	S3b, line 524	-	102	161	-	-	-	4	2	-	11	- (4 = 0)	4	-	-	-	-		13	-	-	-	4
	Retirements	S3b, line 537		-	-	-	-	-	(6)	(3)	-	(75)	(158)	(4)	(2)	-	-	39	(4)	(14)	-	-	-	(4) 39
74 75	Closing Gas Plant In Service	S3b, line 550	-	102	263	263	263	263	261	261	261	197	39	39	39	39	39	39	40	39	39	39	39	39
76	Opening Accumulated Depreciation	S3b, line 563	-	-	-	(11)	(42)	(73)	(104)	(130)	(158)	(188)	(144)	(9)	(8)	(8)	(11)	(14)	(17)	(16)	(6)	(9)	(12)	(15)
77	Depreciation	S3b, line 589	-	-	(11)	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(23)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
78	Retirements	S3b, line 576	-	-	` -	` -	` -	` -	6	3	` -	75	158	4	2		'-'	`-	4	14		`-'	'-'	4
79 80	Closing Accumulated Depreciation	S3b, line 602	-	-	(11)	(42)	(73)	(104)	(130)	(158)	(188)	(144)	(9)	(8)	(8)	(11)	(14)	(17)	(16)	(6)	(9)	(12)	(15)	(14)
81	Opening Contributions in Aid of Construction	S3b, line 614	_	_	-	_	-	_	_		_	_	_	_	_	_	_	_	_	_	_	_	_	-
82	. Additions	S3b, line 615	-	-	-	_	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
83	Retirements	S3b, line 616	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
84	Closing Contributions in Aid of Construction	S3b, line 617		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
85		,																						
86	Opening Amortization of Contributions in Aid of Construction	S3b, line 619	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
87	Amortization	S3b, line 620	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
88	Retirements	S3b, line 621	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
89 90	Closing Amortization of Contributions in Aid of Construction	S3b, line 622	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
91	Opening Net Plant In Service		-	-	102	252	221	190	159	131	103	72	53	30	31	31	28	25	22	24	33	30	27	24
92	Closing Net Plant In Service		-	102	252	221	190	159	131	103	72	53	30	31	31	28	25	22	24	33	30	27	24	25
93	•																							
94 95	Mid Year Net Plant in Service	(line 21 + line 22)/2	-	51	177	237	206	174	145	117	88	63	41	30	31	29	26	23	23	29	32	29	26	25
	Opening Deferred Charges	S3b, line 626		0	21	18	16	13	10			2												
97		S3b, line 629	0	21	- 21	10	10	- 13	10	0	3	3	-	-	-	-	-	-	-	-	-	-	-	-
98		S3b, line 630	-		(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	-	-	-	-	-	-	-	-	-	-	-	-
99		S3b, line 632	- 0	21	18	16	13	10	(3)	(3)	(3)	(3)												
100		33b, iiile 032	U	21	10	10	13	10	0	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mid Year Deferred Charges		_	_	19	17	14	12	9	6	4	1	_	_	_	_	_	_	_	_	_	_	_	-
	Capital Lease Rate Base		_	42	38	33	29	25	20	16	11	7	2	44	39	35	30	26	21	16	12	7	2	_
	13 Month Adjustment	S3b. line 635	_	72	(17)	-	23	25	20	-		,	-		-	-	-	- 20		-	12		-	
103		555, 555			(.,,																			
105	TGW Rate Base	x-ref S3b, line 636		93	218	287	249	211	174	139	103	71	44	74	70	64	56	49	44	45	44	36	28	25

## Financial Schedule 3b

## Customer Care Enhancement Project- FINAL (November 27, 2009)

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
TGI																							
1 Capital Spending																							
2 Hardware		665	2,243	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 Software		4,851	667	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4 Land 5 Buildings		1,078	652 5,244	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6 Vendor Fees		1,078	20,568	3.147	-	-	-	-	-		-	-		-	-	-	-	-	-	-	-	-	-
7 Installer Fees		1,067	14,770	1,096			- :	- :										-					
8 Internal Labour		2,447	4,397	575	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
9 Internal Materials		873	408	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 Training		319	571	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 Incremental O&M			40.540	4.040	-	-	-		-	-		-		-	-		-	-	-	-	-		
12 Total Spend 13	x-ref S6, line 31	26,042	49,519	4,818	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-
14 Opening WIP																							
15 Hardware		-	683	955	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16 Software		-	4,985	5,029	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17 Land				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18 Buildings 19 Vendor Fees		108	1,222 16,574	28,571	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19 Vendor Fees 20 Installer Fees		1,349	1,097	5,711	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-
21 Internal Labour		_	2,515	5,553	_	_	_	_	_	_	_	_	_	-	_	_	_	-	_	_	_	_	_
22 Internal Materials		146	1,050	-,	-	-	-	_	-	-	-	-	-	-	-	_	-	-	-	-	-	-	-
23 Training		-	328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24 Incremental O&M			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25 Total Opening WIP	x-ref S1, line 18 &	1,603	28,454	45,820	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26 Additions 27 Hardware	x-ref S6, line 31	683	2,291																				
28 Software		4,985	948								-			-				-				-	
29 Land		4,303	652	_	_	_	_	_	_	_	_	_	_	-	_	_	_	-	_	_	_	-	_
30 Buildings		1,114	5,244	-	-	_	-	_	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31 Vendor Fees		15,225	21,795	3,147	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32 Installer Fees		1,097	14,972	1,096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33 Internal Labour		2,515	4,629	575	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34 Internal Materials		905	408	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35 Training 36 Incremental O&M		328	571	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37 Total Additions	x-ref S1, line 18	26,852	51,510	4,818																		<del></del>	<del></del>
38 In-service	X 101 0 1, III 0 10	20,002	01,010	1,010																			
39 Hardware		-	(2,019)	(955)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40 Software		-	(905)	(5,029)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41 Land		-	(652)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42 Buildings		-	(6,466)	(04.740)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43 Vendor Fees 44 Installer Fees		-	(9,798) (10,357)	(31,719) (6,807)	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-
45 Internal Labour			(1,591)	(6,127)								- :						-		- :			
46 Internal Materials		_	(1,458)	(0,127)	_	_		_			-	_	_	-	_	_	_	_	_	_		_	_
47 Training		-	(899)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48 Incremental O&M			-		-	-	-	-	-	-		-	-	-	-	-	-	-		-	-		-
49 Total In-service		-	(34,144)	(50,638)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Closing WIP		683	955																				
51 Hardware 52 Software		4,985	5,029	-				-	-	-			-		-	-	-						
53 Land		-,505		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54 Buildings		1,222	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
55 Vendor Fees		16,574	28,571	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56 Installer Fees		1,097	5,711	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
57 Internal Labour		2,515	5,553	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
58 Internal Materials 59 Training		1,050 328	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-
60 Incremental O&M		320	- :				- :	- :							- :		-						
61 TGI Total Closing WIP		28,454	45,820	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-		
62																							
63 Recurring Plant Additions																							
64 Hardware		-	-	-	-	-	-	1,236	793	-	-	-	1,224	785	-	-	-	1,210	776	-	-	-	1,196
65 Software 66 Land		-	-	-	-	-	-	-	-	-	395	-	-	-	-	-	-	389	-	-	-	-	-
66 Land 67 Buildings				-			-	-	-	-	-		-	-		-	-			-	-	-	
68 Vendor Fees				245												-	-						_
69 Installer Fees		-	-	2,562	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
70 Internal Labour		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71 Internal Materials		-	-	167	-	-	-	-	-	-	3,160	-	-	-	-	-	-	-	3,104	-	-	-	-
72 Training		-	-	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
73 Capitalized Overhead			-	2 000	-	-	-	4 222	700	-	2 555	-	4.004	785	-	-	-	1 500	2 000	-	-		1,196
<ul><li>74 Total Recurring Plant Additions</li><li>75</li></ul>		-	-	3,009	-	-	-	1,236	793	-	3,555	-	1,224	785	-	-	-	1,599	3,880	-	-		1,196
10																							

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
76	Opening Plant Balance	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2010	2019	2020	2021	2022	2023	2024	2025	2020	2021	2020	2029	2030	2031
77	Hardware				2.019	2,974	2,974	2.974	2.974	2,192	2,029	2,029	2,029	2,029	2.017	2,008	2.008	2,008	2.008	1,995	1,986	1,986	1,986	1.986
78	Software		-	-	905	5,934	5,934	5.934	5.934	5.934	5,934	5,934	5,424	395	395	395	395	395	395	784	389	389	389	389
79	Land				652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652
80	Buildings				6.466	6,466	6,466	6,466	6,466	6.466	6,466	6,466	6.466	6.466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6.466
81	Vendor Fees				9.798	41.761	41.761	41.761	41.761	41.761	41.761	41.761	31.964	0,400	0,400	0,400	0,400	0,400	0,400	0,400	0,400	0,400	0,400	0,400
82	Installer Fees		_	_	10.357	19,727	19.727	19,727	19,727	19.727	19,727	19,727	9,370			_	_	_		_	_		_	_
83	Internal Labour		_	_	1,591	7,718	7,718	7,718	7,718	7,718	7,718	7,718	6,127		_	_	_	_	_	_	_	_	_	_
84	Internal Materials		_	_	1,458	1,626	1,626	1,626	1,626	1,626	1,626	1,626	3,327	3,160	3.160	3.160	3 160	3,160	3,160	3 160	3,104	3.104	3,104	3.104
85	Training		_	_	899	934	934	934	934	934	934	934	35	0,100	0,100	-	0,100	0,100	0,100	-	0,101	0,101	-	0,101
86	Incremental O&M and Capitalized Overhead			_	-	-	-	-	-	-	-	-	-		_	_	_	_		_	_		_	_
87	Total Opening Plant Balance	x-ref S3a, line 1		-	34,144	87,791	87,791	87,791	87,791	87,009	86,846	86,846	65,393	12,701	12.689	12,680	12.680	12,680	12,680	13,056	12,596	12,596	12,596	12,596
88	·				,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,
89	Additions																							
90	Hardware		_	2.019	955	_	-	_	1.236	793	_	_	_	1,224	785	-	_	_	1.210	776	_	_	-	1,196
91	Software		_	905	5,029	_	_	-	-,	-	-	395	-	-,	-	-	-	_	389	-	_	-	_	
92	Land		_	652	-,	_	_	-	_	-	-	-	-	-	_	-	-	-	-	_	_	-	_	-
93	Buildings		_	6,466	_	_	_	-	_	-	-	-	-	-	_	-	-	-	-	_	_	-	_	-
94	Vendor Fees		_	9.798	31.964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
95	Installer Fees		_	10,357	9.370	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
96	Internal Labour		_	1.591	6.127	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
97	Internal Materials		_	1,458	167	-	-	-	-	-	-	3,160	-	-	-	-	-	-	-	3.104	-	-	-	-
98	Training		-	899	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
99	Incremental O&M and Capitalized Overhead		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100 101	Total Additions	x-ref S3a, line 2	-	34,144	53,647	-	-	-	1,236	793	-	3,555	-	1,224	785	-	-	-	1,599	3,880	-	-	-	1,196
102	Retirements																							
103	Hardware		_	_	_	_	-	_	(2,019)	(955)	_	_	_	(1,236)	(793)	-	_	_	(1,224)	(785)	_	_	_	(1,210)
104	Software		_	_	_	_	_	-	(2,0.0)	(000)	_	(905)	(5.029)	(1,200)	(700)	_	_	_	(1,221)	(395)	-	_	_	(1,210)
105	Land		_	_	_	_	-	_	_	_	_	()	(-,,	_	_	-	_	_	_	()	_	_	-	_
106	Buildings		_	_	_	_	-	_	_	_	_	_	_	_	_	-	_	_	_	_	_	_	_	_
107	Vendor Fees		_	_	_	_	-	_	_	_	_	(9.798)	(31,964)	_	_	-	_	_	_	_	_	_	_	_
108	Installer Fees		_	_	_	_	_	_	_	_	_	(10,357)	(9,370)		_	_	_	_	_	_	_	_	_	_
109	Internal Labour		_	_	_	_	_	-	-	_	_	(1,591)	(6,127)	_	_	_	_	_	_	_	-	_	-	_
110	Internal Materials		_	_	_	_	_	_	_	_	_	(1,458)	(167)	_	_	-	_	_	_	(3.160)	_	_	_	_
111	Training		_	_	_	_	_	_	_	_	_	(899)	(35)	_	_	-	_	_	_	(=, ,	_	_	_	_
112	Incremental O&M and Capitalized Overhead		_	_	_	_	_	_	_	_	_	()	(,	_	_	-	_	_	_	_	_	_	-	_
113	Total Retirements	x-ref S3a, line 3	-	-	-	-	-	-	(2,019)	(955)	-	(25,008)	(52,692)	(1,236)	(793)	-	-	-	(1,224)	(4,339)	-	-	-	(1,210)
114																								
115																								
116	Hardware		-	2,019	2,974	2,974	2,974	2,974	2,192	2,029	2,029	2,029	2,029	2,017	2,008	2,008	2,008	2,008	1,995	1,986	1,986	1,986	1,986	1,972
117	Software		-	905	5,934	5,934	5,934	5,934	5,934	5,934	5,934	5,424	395	395	395	395	395	395	784	389	389	389	389	389
118	Land		-	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652
119	Buildings		-	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466
120	Vendor Fees		-	9,798	41,761	41,761	41,761	41,761	41,761	41,761	41,761	31,964	-	-	-	-	-	-	-	-	-	-	-	-
121	Installer Fees		-	10,357	19,727	19,727	19,727	19,727	19,727	19,727	19,727	9,370	-	-	-	-	-	-	-	-	-	-	-	-
122	Internal Labour		-	1,591	7,718	7,718	7,718	7,718	7,718	7,718	7,718	6,127	-	-	-	-	-	-	-	-	-	-	-	-
123	Internal Materials		-	1,458	1,626	1,626	1,626	1,626	1,626	1,626	1,626	3,327	3,160	3,160	3,160	3,160	3,160	3,160	3,160	3,104	3,104	3,104	3,104	3,104
124	Training		-	899	934	934	934	934	934	934	934	35		-	-		-	-	-		-		-	
125	Incremental O&M and Capitalized Overhead		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
126	Total Closing Plant Balance	x-ref S3a, line 4		34,144	87,791	87,791	87,791	87,791	87,009	86,846	86,846	65,393	12,701	12,689	12,680	12,680	12,680	12,680	13,056	12,596	12,596	12,596	12,596	12,582
127																								

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
128	Opening Accumulated Depreciation																							
129			-	-	-	(404)	(999)	(1,594)	(2,188)	(764)	(247)	(653)	(1,059)	(1,465)	(635)	(245)	(646)	(1,048)	(1,450)	(628)	(242)	(639)	(1,036)	(1,434)
130			-	-	-	(113)	(855)	(1,596)	(2,338)	(3,080)	(3,822)	(4,563)	(4,401)	(49)	(99)	(148)	(197)	(247)	(296)	(346)	(49)	(97)	(146)	(194)
131	Land		-	-	-	-	-	(000)	-	-	-	-	-	(000)	-	-	-	-	-	-	-	-	-	-
132			-	-	-	(99)	(199)	(298)	(398)	(497)	(597)	(696)	(796)	(895)	(995)	(1,094)	(1,194)	(1,293)	(1,393)	(1,492)	(1,592)	(1,691)	(1,790)	(1,890)
133 134			-	-	-	(1,225) (1,295)	(6,445) (3,761)	(11,665) (6,226)	(16,885) (8,692)	(22,105) (11,158)	(27,326) (13,624)	(32,546) (16,090)	(27,968) (8,198)	0	0	U	U	U	U	0	U	U	U	U
134			-	-	-	(1,295)	(1,164)	(2,129)	(3,093)	(4,058)	(5,023)	(5,988)	(5,361)	-	-	-	-	-	-	-	-	-	-	-
136						(182)	(385)	(589)	(792)	(995)	(1,198)	(1,401)	(146)	(395)	(790)	(1,185)	(1,580)	(1,975)	(2.370)	(2,765)	(0)	(388)	(776)	(1,164)
137	Training			_	_	(112)	(229)	(346)	(463)	(579)	(696)	(813)	(30)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
138					-	(112)	(225)	(340)	(403)	(373)	(030)	(013)	(30)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
139	Total TGI Depreciation Expense	x-ref S3a, line 6		-	-	(3,629)	(14,036)	(24,443)	(34,850)	(43,238)	(52,532)	(62,750)	(47,960)	(2,804)	(2,518)	(2,672)	(3,617)	(4,563)	(5,508)	(5,230)	(1,882)	(2,815)	(3,749)	(4,682)
140						(-,)	(,,	(= 1, 1 10)	(= :,===)	(10,=00)	(==,===)	(,)	(,)	(=,== -,	(=,= :=)	(=,=:=)	(=,=,	( .,===)	(0,000)	(=,===)	(.,/	(=,=.=)	(=,: :=)	( -,)
141	Retirements																							
142	Hardware		-	-	-	-	-	-	2,019	955	-	-	-	1,236	793	-	-	-	1,224	785	-	-	-	1,210
143	Software		-	-	-	-	-	-	-	-	-	905	5,029	-	-	-	-	-	-	395	-	-	-	-
144			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
145			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
146	Vendor Fees		-	-	-	-	-	-	-	-	-	9,798	31,964	-	-	-	-	-	-	-	-	-	-	-
147			-	-	-	-	-	-	-	-	-	10,357	9,370	-	-	-	-	-	-	-	-	-	-	-
148			-	-	-	-	-	-	-	-	-	1,591	6,127	-	-	-	-	-	-		-	-	-	-
149			-	-	-	-	-	-	-	-	-	1,458	167	-	-	-	-	-	-	3,160	-	-	-	-
150 151	Training Incremental O&M and Capitalized Overhead		-	-	-	-	-	-	-	-	-	899	35	-	-	-	-	-	-	-	-	-	-	-
151		x-ref S3a, line 8							2,019	955		25,008	52,692	1,236	793				1,224	4,339				1,210
153		x-161 03a, iii16 0							2,013	333		25,000	32,032	1,230	733				1,227	4,000				1,210
154																								
155			_	_	(404)	(595)	(595)	(595)	(595)	(438)	(406)	(406)	(406)	(406)	(403)	(402)	(402)	(402)	(402)	(399)	(397)	(397)	(397)	(397)
156	Software		-	-	(113)	(742)	(742)	(742)	(742)	(742)	(742)	(742)	(678)	(49)	(49)	(49)	(49)	(49)	(49)	(98)	(49)	(49)	(49)	(49)
157	Land		-	-	` -	` -	` -	` -	` -	` -	` -	` -	` -	`-'	` -	` -	` -	` -	` -	` -	` -	` -	`-'	` -
158	Buildings		-	-	(99)	(99)	(99)	(99)	(99)	(99)	(99)	(99)	(99)	(99)	(99)	(99)	(99)	(99)	(99)	(99)	(99)	(99)	(99)	(99)
159			-	-	(1,225)	(5,220)	(5,220)	(5,220)	(5,220)	(5,220)	(5,220)	(5,220)	(3,995)	0	0	0	0	0	0	0	0	0	0	0
160			-	-	(1,295)	(2,466)	(2,466)	(2,466)	(2,466)	(2,466)	(2,466)	(2,466)	(1,171)	-	-	-	-	-	-	-	-	-	-	-
161	Internal Labour		-	-	(199)	(965)	(965)	(965)	(965)	(965)	(965)	(965)	(766)	-	-	-	-	-	-	-	-	-	-	-
162			-	-	(182)	(203)	(203)	(203)	(203)	(203)	(203)	(203)	(416)	(395)	(395)	(395)	(395)	(395)	(395)	(395)	(388)	(388)	(388)	(388)
163			-	-	(112)	(117)	(117)	(117)	(117)	(117)	(117)	(117)	(4)	-	-	-	-	-	-	-	-	-	-	-
164				-	-	-	-	-	-	(40.000)	-	-	-	(0.00)	-	-	(0.48)	(0.48)	-	-	(0.00)	-	-	(000)
165 166	Total TGI Depreciation Expense	x-ref S3a, line 7	-	-	(3,629)	(10,407)	(10,407)	(10,407)	(10,407)	(10,250)	(10,218)	(10,218)	(7,536)	(950)	(947)	(945)	(945)	(945)	(945)	(991)	(933)	(933)	(933)	(933)
167	Closing Accumulated Depreciation																							
168	Hardware		_	_	(404)	(999)	(1,594)	(2,188)	(764)	(247)	(653)	(1,059)	(1,465)	(635)	(245)	(646)	(1,048)	(1,450)	(628)	(242)	(639)	(1,036)	(1,434)	(621)
169					(113)	(855)	(1,594)	(2,338)	(3,080)	(3,822)	(4,563)	(4,401)	(49)	(99)	(148)	(197)	(247)	(296)	(346)	(49)	(97)	(1,036)	(1,434)	(243)
170			_	_	(1.0)	(000)	(1,000)	(2,000)	(0,000)	(0,022)	(1,000)	(1,101)	(.0)	(00)	(1.10)	(.0.)	(=,	(200)	(0.0)	(.0)	(0.)	(1.0)	(,	(2.0)
171	Buildings		-	-	(99)	(199)	(298)	(398)	(497)	(597)	(696)	(796)	(895)	(995)	(1,094)	(1,194)	(1,293)	(1,393)	(1,492)	(1,592)	(1,691)	(1,790)	(1,890)	(1,989)
172			-	-	(1,225)	(6,445)	(11,665)	(16,885)	(22,105)	(27,326)	(32,546)	(27,968)	0	0	0	0	0	0	0	0	0	0	0	0
173			-	-	(1,295)	(3,761)	(6,226)	(8,692)	(11,158)	(13,624)	(16,090)	(8,198)	-	-	-	-	-	-	-	-	-	-	-	-
174			-	-	(199)	(1,164)	(2,129)	(3,093)	(4,058)	(5,023)	(5,988)	(5,361)	-	-	-	-	-	-	-	-	-	-	-	-
175			-	-	(182)	(385)	(589)	(792)	(995)	(1,198)	(1,401)	(146)	(395)	(790)	(1,185)	(1,580)	(1,975)	(2,370)	(2,765)	(0)	(388)	(776)	(1,164)	(1,552)
176			-	-	(112)	(229)	(346)	(463)	(579)	(696)	(813)	(30)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
177	Incremental O&M and Capitalized Overhead			-																				
178		x-ref S3a, line 9	-	-	(3,629)	(14,036)	(24,443)	(34,850)	(43,238)	(52,532)	(62,750)	(47,960)	(2,804)	(2,518)	(2,672)	(3,617)	(4,563)	(5,508)	(5,230)	(1,882)	(2,815)	(3,749)	(4,682)	(4,405)
179					04444	07.704	07 704	07.704	07.704	07.000	00.040	00.040	05.000	40.704	40.000	40.000	40.000	40.000	40.000	40.050	40 500	10.500	40.500	40.500
180 181			-	34.144	34,144 87.791	87,791 87,791	87,791 87,791	87,791 87,791	87,791 87.009	87,009 86.846	86,846 86.846	86,846 65,393	65,393 12,701	12,701	12,689 12,680	12,680 12,680	12,680 12,680	12,680 12,680	12,680 13.056	13,056 12,596	12,596 12,596	12,596 12,596	12,596	12,596 12,582
181				17,072	60,968	87,791	87,791	87,791	87,009	86,928	86,846	76,120	39,047	12,689 12,695	12,684	12,680	12,680	12,680	12,868	12,596	12,596	12,596	12,596 12,596	12,582
183	MIG-16al Of IO		-	17,072	00,300	01,131	01,131	01,151	01,400	30,320	00,040	10,120	35,047	12,033	12,004	12,000	12,000	12,000	12,000	12,020	12,000	12,000	12,000	12,005
184	Opening Accumulated Depreciation			_	_	(3,629)	(14,036)	(24,443)	(34,850)	(43,238)	(52,532)	(62,750)	(47,960)	(2,804)	(2,518)	(2,672)	(3,617)	(4,563)	(5,508)	(5,230)	(1,882)	(2,815)	(3,749)	(4,682)
185			_	-	(3,629)	(14,036)	(24,443)	(34,850)	(43,238)	(52,532)	(62,750)	(47,960)	(2,804)	(2,518)	(2,672)	(3,617)	(4,563)	(5,508)	(5,230)	(1,882)	(2,815)	(3,749)	(4,682)	(4,405)
186				-	(1,815)	(8,833)	(19,240)	(29,646)	(39,044)	(47,885)	(57,641)	(55,355)	(25,382)	(2,661)	(2,595)	(3,145)	(4,090)	(5,036)	(5,369)	(3,556)	(2,349)	(3,282)	(4,215)	(4,544)
187						(-,)	, -,	/	,,	, ,,		,,	, -, <del>-</del> /	,	,	(-, -,	, ,,	(-,)	(-//	(-,,	/		/	,
188	TGI Mid-Year Net Plant in Service		-	17,072	59,153	78,959	68,552	58,145	48,356	39,042	29,205	20,764	13,665	10,034	10,089	9,536	8,590	7,645	7,499	9,270	10,247	9,314	8,381	8,045
189																								

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
190	TGI Software CIAOC Opening Balance	x-ref S3a, line 11	-	-	(3,171)	(12,253)	(18,499)	(18,499)	(18,499)	(18,499)	(18,499)	(18,499)	(15,772)	(6,740)	(494)	(494)	(494)	(494)	(494)	(542)	(535)	(485)	(485)	(485)
191	TGI Software CIAOC Additions	x-ref S3a, line 12	-	(3,171)	(9,081)	(6,247)	-	-	-	-	-	(444)	(49)	-	-	-	-	-	(49)	(437)	-	-	-	-
192	TGI Software CIAOC Retirements	x-ref S3a, line 13	-	-	-	-	-	-	-	-	-	3,171	9,081	6,247	-	-	-	-	-	444	49	-	-	-
193	TGI Software CIAOC Closing Balance	x-ref S3a, line 14	-	(3,171)	(12,253)	(18,499)	(18,499)	(18,499)	(18,499)	(18,499)	(18,499)	(15,772)	(6,740)	(494)	(494)	(494)	(494)	(494)	(542)	(535)	(485)	(485)	(485)	(485)
194	· ·				,	,		,	,	,		, , ,		. ,		. ,	. ,	. ,	. ,	, ,	. ,	. ,	. ,	
195	TGI Software CIAOC Opening Balance Accumulated Depreciation	x-ref S3a, line 16	-	-	-	396	1,928	4,240	6,553	8,865	11,178	13,490	12,631	5,521	117	179	241	302	364	426	49	67	127	188
196	TGI Software CIAOC Retirements	x-ref S3a, line 17	-	-	-	-	-	-	-	-	-	(3,171)	(9,081)	(6,247)	-	-	-	-	-	(444)	(49)	-	-	-
197	TGI Amortization of Software CIAOC	x-ref S3a, line 18	-	-	396	1,532	2,312	2,312	2,312	2,312	2,312	2,312	1,972	843	62	62	62	62	62	68	67	61	61	61
198	TGI Software CIAOC Closing Balance Accumulated Depreciation	x-ref S3a, line 19	-	-	396	1,928	4,240	6,553	8,865	11,178	13,490	12,631	5,521	117	179	241	302	364	426	49	67	127	188	249
199																								
200	TGI Mid Year Software CIAOC		-	(1,586)	(7,514)	(14,214)	(15,415)	(13, 103)	(10,790)	(8,478)	(6,166)	(4,075)	(2,180)	(798)	(346)	(284)	(222)	(160)	(123)	(301)	(452)	(388)	(328)	(267)
201																								
202	TGI Opening Deferred Charges	x-ref S3a, line 26	-	51	6,879	6,019	5,159	4,299	3,440	2,580	1,720	860	0	0	0	0	0	0	0	0	0	0	0	0
203	TGI O&M Deferred Charge Additions	S1, line 21	68	8,914	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
204	TGI O&M Tax on Deferred Charge Additions		(19)	(2,362)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
205	TGI O&M Net Deferred Charge Additions	x-ref S3a, line 27	49	6,552	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
206	TGI O&M Amortization Expense	x-ref S3a, line 28	-	-	(860)	(860)	(860)	(860)	(860)	(860)	(860)	(860)	-	-	-	-	-	-	-	-	-	-	-	-
207	TGI O&M Deferred Charge AFUDC	S1, line 22	2	276	-				-	-		-	-	-	-	-	-	-	-	-	-	-	-	-
208	TGI Closing Deferred Charges	x-ref S3a, line 29	51	6,879	6,019	5,159	4,299	3,440	2,580	1,720	860	0	0	0	0	0	0	0	0	0	0	0	0	0
209	Capital Lease Rate Base		-	14,114	12,605	11,102	9,603	8,111	6,623	5,141	3,665	2,194	730	13,838	12,355	10,877	9,406	7,941	6,482	5,030	3,584	2,145	713	-
210	TGI Mid-Year Deferred Charges		-		6,449	5,589	4,729	3,870	3,010	2,150	1,290	430	-				-		-				-	-
211	In-Service Adjustment	x-ref S3a, line 33	-	-	(5,577)	-	-	-				-	-	-	-	-	-	-	-	-	-	-	-	-
	TGI Ratebase	x-ref S3a, line 35	-	29,600	65,116	81,436	67,469	57,023	47,199	37,855	27,994	19,313	12,215	23,074	22,099	20,129	17,774	15,425	13,858	13,999	13,380	11,071	8,767	7,778

S3b - Rate Base- Detail

Attachment 7.1b

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
TGVI	<u> </u>																						
213         Capital Spending           214         Hardware           215         Software           216         Land           217         Buildings           218         Vendor Fees           219         Installer Fees		78 567 - 126 1,723 125	267 79 77 623 2,445 1,756	- - - - 381 133	- - - -				- - - -	- - - -	- - - -	- - - -											
220 Internal Labour 221 Internal Materials 222 Training		286 102 37	523 48 68	69	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-
223 Incremental O&M 224 Total Spend 225	x-ref S6, line 48	3,043	5,886	583	-	-	-	-	-	-	-	-	-	-	-	-			<u>.</u>	-		-	
226 Opening WIP 227 Hardware 228 Software		-	80 584	113 592	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-
229 Land 230 Buildings 231 Vendor Fees		13 158	143 1,941	3,385	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-
232 Installer Fees 233 Internal Labour 234 Internal Materials		- - - 17	128 295 123	679 658	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-
235 Training 236 Incremental O&M 237 Total Opening WIP	x-ref S1, line 18 &	187	3,333	5,426	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-	
238 Additions 239 Hardware 240 Software	x-ref S6, line 48	80 584	273 115		-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-
241 Land 242 Buildings 243 Vendor Fees		130 1,784	77 623 2,601	381	-	-	-	-	-	-	-	-	-	- - -	-	-		 	 	-	-	- - -	-
244 Installer Fees 245 Internal Labour 246 Internal Materials		128 295 106	1,782 552 48	133 69	-	-	-	-	-	-	-	-	-	- -	-	-		 	 	-	-	- -	-
247 Training 248 Incremental O&M 249 Total Additions	x-ref S1, line 18	38 - 3,146	68 - 6,140	583	-		<u>.</u>	-	-	-		-		- -	-	-		 	· -	-	-	<u>-</u> -	
250 In-service 251 Hardware 252 Software		-	(240) (107)	(113) (592)	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-
253 Land 254 Buildings 255 Vendor Fees 256 Installer Fees		-	(77) (766) (1,158)	(3,765)	-	-	-	-	-	-	-	-	-	- - -	-	-		- - -		-	-	-	-
256 Installer Fees 257 Internal Labour 258 Internal Materials 259 Training		-	(1,231) (189) (172) (106)	(811) (728)	-	-	-	-	-	-	-	-	-	-	-	-				-	-	-	-
260 Incremental O&M 261 Total In-service 262 Closing WIP			(4,046)	(6,009)	-			-	-	-		-	-	-	-	-					-	-	
263 Hardware 264 Software 265 Land		80 584	113 592	-	-	-	-	-	-	-	-	-	-	-	-	-		 	 	-	-	-	-
266 Buildings 267 Vendor Fees 268 Installer Fees		143 1,941 128	3,385 679	- - -	-	-	-	-	-	-	-	-	-	- -	-	-		 	 	-	-	- -	- - -
269 Internal Labour 270 Internal Materials 271 Training		295 123 38	658	-	-	-	-	-	-	-	-	-	-	- -	-	-		 	 	-	-	-	-
272 Incremental O&M 273 TGVI Total Closing WIP 274		3,333	5,426	-	-	-	-	-		-	-	-	-	-	-	-			<u> </u>	-	-	-	<del>-</del>
275 Recurring Plant Additions 276 Hardware 277 Software		-	-	-	-	-	-	160	104	-	- 54	-	173	113	-	-		- 186 - 60		-	-	-	201
278 Land 279 Buildings 280 Vendor Fees		-	-	30	-	-	-	-	-	-	-	-	-	-	-	-		 	 	-	-	-	-
281 Installer Fees 282 Internal Labour 283 Internal Materials		-	-	310 - 20	-	-	-	-	-	-	431	-	-	-	-	-		 	486	-	-	-	-
284 Training 285 Capitalized Overhead 286 Total Recurring Plant Additions 287		-	-	364	-	-	-	160	104	-	484	-	173	113	-	-		- 246	607	-	-	-	201
20.																							

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
288 Opening Plant Balance	1101010100	2010	2011	LUIL	2010	2011	2010	2010	2011	2010	2010	LULU	LUL!	LULL	2020	LUL I	LULU	LULU	LULI	2020	LULU	2000	2001
289 Hardware		_	_	240	353	353	353	353	273	264	264	264	264	277	285	285	285	285	299	308	308	308	308
290 Software		-	_	107	699	699	699	699	699	699	699	646	54	54	54	54	54	54	114	60	60	60	60
291 Land		_	_	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77
292 Buildings		_	_	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766
293 Vendor Fees		_	_	1,158	4,953	4,953	4,953	4,953	4,953	4,953	4,953	3,795	-	-	-	-	-	-	-	-		-	-
294 Installer Fees		-	-	1,231	2,352	2,352	2,352	2,352	2,352	2,352	2,352	1,121	-	-	_	-	-		-	_	-	_	_
295 Internal Labour		-	-	189	916	916	916	916	916	916	916	728	-	-	-	-	-	-	-	-	-	-	-
296 Internal Materials		-	-	172	192	192	192	192	192	192	192	451	431	431	431	431	431	431	431	486	486	486	486
297 Training		_	_	106	110	110	110	110	110	110	110	4	· -	-	-		-	-	-	-		-	-
298 Incremental O&M and Capitalized Overhead		-	_		-		-		-	-			_	_	_	_	_	-	_	-	_	_	-
299 Total Opening Plant Balance	x-ref S3a, line 36		-	4.046	10,419	10,419	10,419	10.419	10,339	10,331	10,331	7,853	1.593	1,605	1,613	1.613	1,613	1.613	1.687	1,697	1,697	1,697	1.697
300				.,	,	,	,	,	,	,	,	.,	.,	.,	.,	.,	.,	.,	.,	.,	.,	.,	.,
301 Additions																							
302 Hardware		-	240	113	_	_	_	160	104	_	_	_	173	113	_	_	-	186	121	_	_	_	201
303 Software		-	107	592	_	_	_			_	54	_			_	_	-	60		_	_	_	
304 Land		-	77		_	_	_	_	_	_		_	-	-	_	_	_		-	_	_	_	-
305 Buildings		-	766	-	-	_	_	_	_	-	_	-	-	-	_	-	-		-	_	-	-	_
306 Vendor Fees		_	1.158	3,795	-	-	-	-	-	-	-	-	_	-	-	-	-	-	-	-	-	-	-
307 Installer Fees		_	1,231	1,121	-	-	-	-	-	-	-	-	_	-	-	-	-	-	-	-	-	-	-
308 Internal Labour		-	189	728	-	-	-	-	-	-	-	-	_	-	-	-	-	-	-	-	-	-	-
309 Internal Materials		-	172	20	-	-	-	-	-	-	431	-	_	-	-	-	-	-	486	-	-	-	-
310 Training		-	106	4	-	-	-	-	-	-	-	-	_	-	-	-	-	-	-	-	-	-	-
311 Incremental O&M and Capitalized Overhead		_	-	-	-	-	-	-	-	-	-	-	_	-	-	-	-	-	-	-	-	-	-
312 Total Additions	x-ref S3a, line 37		4.046	6.373	-	-	-	160	104	-	484	-	173	113	-	-	-	246	607	-	-	-	201
313			,-	-,-																			
314 Retirements																							
315 Hardware		-	-	-	-	-	-	(240)	(113)	-	-	-	(160)	(104)	-	-	-	(173)	(113)	-	-	-	(186)
316 Software		-	-	-	-	-	-		,	-	(107)	(592)	-	,	-	-	-		(54)	-	-	-	
317 Land		-	-	-	-	-	-	-	-	-	` -	-	_	-	-	-	-	-		-	-	-	-
318 Buildings		_	-	-	-	-	-	-	-	-	-	-	_	-	-	-	-	-	-	-	-	-	-
319 Vendor Fees		-	-	-	-	-	-	-	-	-	(1,158)	(3,795)	_	-	-	-	-	-	-	-	-	-	-
320 Installer Fees		_	-	-	-	-	-	-	-	-	(1,231)	(1,121)	_	-	-	-	-	-	-	-	-	-	-
321 Internal Labour		_	-	-	-	-	-	-	-	-	(189)	(728)	_	-	-	-	-	-	-	-	-	-	-
322 Internal Materials		_	_	_		_	_	_	_	_	(172)	(20)	_	_	_	_		_	(431)	_	_	_	_
323 Training		-	_	_	_	_	_	_	_	_	(106)	(4)	_	_	_	_	_	-	()	-	_	_	-
324 Incremental O&M and Capitalized Overhead		_	_	_	_	_	_	_	_	_	(,		_	_	_	_	_	-	_	-	_	_	_
325 Total Retirements	x-ref S3a, line 38		-	-	-	_	-	(240)	(113)	-	(2,962)	(6,260)	(160)	(104)	-	-	-	(173)	(597)	-	-	-	(186)
326								(=)	()		(=,===)	(0,200)	(,	(,				()	()				(,
327 Closing Plant Balance																							
328 Hardware		_	240	353	353	353	353	273	264	264	264	264	277	285	285	285	285	299	308	308	308	308	322
329 Software		-	107	699	699	699	699	699	699	699	646	54	54	54	54	54	54	114	60	60	60	60	60
330 Land		-	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77
331 Buildings		_	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766
332 Vendor Fees		_	1,158	4,953	4,953	4,953	4,953	4,953	4,953	4,953	3,795	-	-	-	-	-	-	-	-			-	-
333 Installer Fees		_	1,231	2,352	2,352	2,352	2,352	2,352	2,352	2,352	1,121	_	_	_	_	_	_	-	_	-	_	_	_
334 Internal Labour		_	189	916	916	916	916	916	916	916	728	_	_	_	_	_	_	_	_	_	_	_	_
335 Internal Materials			172	192	192	192	192	192	192	192	451	431	431	431	431	431	431	431	486	486	486	486	486
336 Training		_	106	110	110	110	110	110	110	110	4			+01	401	401	401					-	100
337 Incremental O&M and Capitalized Overhead			100	110	1.10	110	110	110	110	110	-		-		- 1	- 1					- 1	_	_
338 Total Closing Plant Balance	x-ref S3a, line 39		4,046	10,419	10,419	10,419	10,419	10,339	10,331	10,331	7,853	1,593	1,605	1,613	1,613	1,613	1,613	1,687	1,697	1,697	1,697	1,697	1,711
339	x 107 00d, iiile 00		2,040	.0,410	.5,415	10,410	10,410	. 0,000	.0,001	. 0,001	.,000	.,555	.,005	.,515	.,010	.,010	.,010	.,007	.,037	.,057	.,007	.,557	.,

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
34		•																						
34			-	-	-	(48)	(119)	(189)	(260)	(90)	(32)	(85)	(138)	(191)	(84)	(35)	(92)	(149)	(206)	(90)	(37)	(99)	(160)	(222)
34			-	-	-	(13)	(101)	(188)	(275)	(363)	(450)	(537)	(518)	(7)	(13)	(20)	(27)	(34)	(40)	(47)	(7)	(15)	(22)	(30)
34 34			-	-	-	(12)	(24)	(35)	(47)	(59)	(71)	(83)	(94)	(106)	(118)	(130)	(141)	(452)	(165)	(177)	(189)	(200)	(212)	(224)
34			-			(145)	(764)	(1,383)	(2,002)	(2,621)	(3,240)	(3,859)	(3,320)	(0)	(0)	(130)	(0)	(153) (0)	(0)	(177)	(169)	(200)	(0)	(0)
34					_	(154)	(448)	(742)	(1,036)	(1,330)	(1,624)	(1,918)	(981)	0	0	0	0	0	0	0	0	0	(0)	0
34			_	_	_	(24)	(138)	(253)	(367)	(482)	(596)	(711)	(637)	0	0	0	0	ő	0	0	0	0	Ö	Ö
34			-	-	-	(21)	(45)	(69)	(93)	(117)	(141)	(165)	(18)	(54)	(108)	(161)	(215)	(269)	(323)	(377)	ō	(61)	(121)	(182)
34	9 Training		-	-	-	(13)	(27)	(41)	(55)	(69)	(82)	(96)	(4)	Ò	0	O	0	Ò	O	Ó	0	o	) O	Ò
35				-	-	`			` -		`-	- '-		-	-	-	-	-	-	-	-	-	-	
35		x-ref S3a, line 41	-	-	-	(430)	(1,665)	(2,900)	(4,135)	(5,131)	(6,237)	(7,454)	(5,710)	(357)	(323)	(346)	(475)	(605)	(734)	(691)	(233)	(375)	(516)	(658)
35																								
35																								
35			-	-	-	-	-	-	240	113	-	407	-	160	104	-	-	-	173	113	-	-	-	186
35 35			-	-	-	-	-	-	-	-	-	107	592	-	-	-	-	-	-	54	-	-	-	-
35			-						-	-	-							-		-	-			-
35			-	_	-	_	_	_	_	_	_	1,158	3.795	_	_	_	_	-	_	_	-	-	-	-
35			-	_	_	_	-	_	_	-		1,231	1,121	_	_	_	_	-	_	_	-		-	-
36			-	-	-	-	-	-	-	-	-	189	728	-	-	-	-	-	-	-	-	-	-	-
36			-	-	-	-	-	-	-	-	-	172	20	-	-	-	-	-	-	431	-	-	-	-
36			-	-	-	-	-	-	-	-	-	106	4	-	-	-	-	-	-	-	-	-	-	-
36				-	-	-	-	-		-	-					-	-	-	-		-	-	-	
36 36		x-ref S3a, line 43	-	-	-	-	-	-	240	113	-	2,962	6,260	160	104	-	-	-	173	597	-	-	-	186
36																								
36			_	_	(48)	(71)	(71)	(71)	(71)	(55)	(53)	(53)	(53)	(53)	(55)	(57)	(57)	(57)	(57)	(60)	(62)	(62)	(62)	(62)
36			_	_	(13)	(87)	(87)	(87)	(87)	(87)	(87)	(87)	(81)	(7)	(7)	(7)	(7)	(7)	(7)	(14)	(7)	(7)	(7)	(7)
36			-	_	(.0)	(0.7)	(07)	(01)	(01)	-	(01)	- (01)	(01)	-	-	-	-	-	- (,,	(,	-	- (*)	-	-
37	0 Buildings		-	-	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)
37	1 Vendor Fees		-	-	(145)	(619)	(619)	(619)	(619)	(619)	(619)	(619)	(474)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
37			-	-	(154)	(294)	(294)	(294)	(294)	(294)	(294)	(294)	(140)	-	-	-	-	-	-	-	-	-	-	-
37			-	-	(24)	(115)	(115)	(115)	(115)	(115)	(115)	(115)	(91)	-	-	-	-	-	-	-	-	-	-	-
37			-	-	(21)	(24)	(24)	(24)	(24)	(24)	(24)	(24)	(56)	(54)	(54)	(54)	(54)	(54)	(54)	(54)	(61)	(61)	(61)	(61)
37 37			-	-	(13)	(14)	(14)	(14)	(14)	(14)	(14)	(14)	(1)	-	-	-	-	-	-	-	-	-	-	-
37		x-ref S3a, line 42			(430)	(1,235)	(1,235)	(1,235)	(1,235)	(1,219)	(1,217)	(1,217)	(908)	(125)	(128)	(129)	(129)	(129)	(129)	(140)	(142)	(142)	(142)	(142)
37		X-161 33a, IIII6 42			(430)	(1,233)	(1,233)	(1,233)	(1,233)	(1,219)	(1,217)	(1,217)	(300)	(123)	(120)	(125)	(125)	(129)	(123)	(140)	(142)	(142)	(142)	(142)
37																								
38	0 Hardware		-	-	(48)	(119)	(189)	(260)	(90)	(32)	(85)	(138)	(191)	(84)	(35)	(92)	(149)	(206)	(90)	(37)	(99)	(160)	(222)	(97)
38			-	-	(13)	(101)	(188)	(275)	(363)	(450)	(537)	(518)	(7)	(13)	(20)	(27)	(34)	(40)	(47)	(7)	(15)	(22)	(30)	(37)
38			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38			-	-	(12)	(24)	(35)	(47)	(59)	(71)	(83)	(94)	(106)	(118)	(130)	(141)	(153)	(165)	(177)	(189)	(200)	(212)	(224)	(236)
38 38			-	-	(145) (154)	(764) (448)	(1,383) (742)	(2,002) (1,036)	(2,621) (1,330)	(3,240) (1,624)	(3,859) (1,918)	(3,320) (981)	(0)	(0) 0	(0) 0	(0) 0	(0) 0	(0)	(0)	(0) 0	(0) 0	(0) 0	(0)	(0) 0
38			-		(24)	(138)	(253)	(367)	(482)	(596)	(711)	(637)	0	0	0	0	0	0	0	0	0	0	0	0
38					(21)	(45)	(69)	(93)	(117)	(141)	(165)	(18)	(54)	(108)	(161)	(215)	(269)	(323)	(377)	0	(61)	(121)	(182)	(243)
38			-	_	(13)	(27)	(41)	(55)	(69)	(82)	(96)	(4)	0	0	0	0	0	0	0	0	0	0	0	0
38			-	-	-	` -	`-'	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
39		x-ref S3a, line 44	-	-	(430)	(1,665)	(2,900)	(4,135)	(5,131)	(6,237)	(7,454)	(5,710)	(357)	(323)	(346)	(475)	(605)	(734)	(691)	(233)	(375)	(516)	(658)	(613)
39																								
39			-	-	4,046	10,419	10,419	10,419	10,419	10,339	10,331	10,331	7,853	1,593	1,605	1,613	1,613	1,613	1,613	1,687	1,697	1,697	1,697	1,697
39		,		4,046	10,419	10,419	10,419	10,419	10,339	10,331	10,331	7,853	1,593	1,605	1,613	1,613	1,613	1,613	1,687	1,697	1,697	1,697	1,697	1,711
39 39			-	2,023	7,233	10,419	10,419	10,419	10,379	10,335	10,331	9,092	4,723	1,599	1,609	1,613	1,613	1,613	1,650	1,692	1,697	1,697	1,697	1,704
39			_	_		(430)	(1,665)	(2,900)	(4,135)	(5,131)	(6,237)	(7,454)	(5,710)	(357)	(323)	(346)	(475)	(605)	(734)	(691)	(233)	(375)	(516)	(658)
39					(430)	(1,665)	(2,900)	(4,135)	(5,131)	(6,237)	(7,454)	(5,710)	(357)	(323)	(346)	(475)	(605)	(734)	(691)	(233)	(375)	(516)	(658)	(613)
39				-	(215)	(1,048)	(2,283)	(3,518)	(4,633)	(5,684)	(6,846)	(6,582)	(3,033)	(340)	(334)	(411)	(540)	(669)	(712)	(462)	(304)	(446)	(587)	(636)
39					7	/	( , )	(-,)	,		(-//	(-/ <del>-</del> /	(-//	\ <i>/</i>	( /	` '	(/	/	· -/	/		,	( /	
40	0 TGVI Mid-Year Net Plant in Service		-	2,023	7,018	9,371	8,136	6,901	5,746	4,651	3,485	2,510	1,689	1,259	1,275	1,203	1,074	944	938	1,230	1,393	1,251	1,110	1,069
40	1																							

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
402		x-ref S3a, line 46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
403	TGVI Software CIAOC Additions	x-ref S3a, line 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
404	TGVI Software CIAOC Retirements	x-ref S3a, line 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
405	TGVI Software CIAOC Closing Balance	x-ref S3a, line 49	-	-	-	=	-	-	-	-	=	-	-	-	-	-	-	-	-	-	-	-	-	=
406	-																							
407	TGVI Software CIAOC Opening Balance Accumulated Depreciation	x-ref S3a, line 51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
408		x-ref S3a, line 52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
409		x-ref S3a, line 53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
410	TGVI Software CIAOC Closing Balance Accumulated Depreciation	x-ref S3a, line 54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
411																								
412	TGVI Mid Year Software CIAOC		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
413																								
414		x-ref S3a, line 61	-	6	820	718	615	513	410	308	205	103	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
415	TGVI O&M Deferred Charge Additions	S1, line 21	8	1,060	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
416	TGVI O&M Tax on Deferred Charge Additions		(2)	(281)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
417	TGVI O&M Net Deferred Charge Additions	x-ref S3a, line 62	6	779	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
418	TGVI O&M Amortization Expense	x-ref S3a, line 63	-	-	(103)	(103)	(103)	(103)	(103)	(103)	(103)	(103)	-	-	-	-	-	-	-	-	-	-	-	-
419	TGVI O&M Deferred Charge AFUDC	S1, line 22	0	35		-		-	-			-	-	-	-	-	-	-	-	-	-	-	-	-
420	TGVI Closing Deferred Charges	x-ref S3a, line 64	6	820	718	615	513	410	308	205	103	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
421	Capital Lease Rate Base		-	1,678	1,524	1,365	1,201	1,031	857	677	491	299	101	1,952	1,773	1,588	1,398	1,200	997	787	571	348	118	-
422	TGVI Mid-Year Deferred Charges		-	-	769	666	564	461	359	256	154	51	-	-	-	-	-	-	-	-	-	-	-	-
423	In-Service Adjustment	x-ref S3a, line 68	-	-	(662)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
424	TGVI Ratebase	x-ref S3a, line 70	-	3,701	8,649	11,403	9,901	8,394	6,962	5,584	4,129	2,860	1,790	3,211	3,048	2,791	2,471	2,145	1,935	2,017	1,964	1,599	1,228	1,069

	Reference	2010	2011	2012	2013 20	114 20	015 2016	2017	2018	2019 202	20 202	21 202	2 2023	3 2024	1 2025	2026	2027	2028	2029	2030	2031
TGW																					
425 Capital Spending																					
426 Hardware		2 14	7	-	-	-	-		-	-	-	-	-	-	-	-					-
427 Software 428 Land		14	2 2	-			-		-	-	-	-	-		-	-					_
429 Buildings		3	16	-	-	-	-		-	-	-	-	-	-	-	-					_
430 Vendor Fees		44	62	9	-	-	-		-	-	-	-	-	-	-	-					-
431 Installer Fees 432 Internal Labour		3 7	44 13	3 2	-	-	-		-	-	-	-	-	-	-	-	-				-
432 Internal Labour 433 Internal Materials		3	13	-	-	-	-		-	-	-	-	-	-	-	-					_
434 Training		1	2	-	-	-	-		-	-	-	-	-	-	-	-					-
435 Incremental O&M			-	-	-	-	-		-	-	-	-	-	-	-	-					-
436 Total Spend 437	x-ref S6, line 65	78	148	14	-	-	-		-	-	-	-	-	-	-	-	-				-
437 438 Opening WIP																					
439 Hardware		-	2	3	-	-	-		-	-	-	-	-	-	-	-					_
440 Software		-	15	15	-	-	-		-	-	-	-	-	-	-	-					-
441 Land 442 Buildings		0	4	-	-	-	-		-	-	-	-	-	-	-	-	-				-
443 Vendor Fees		4	50	86		-				-	-										
444 Installer Fees		-	3	17	-	-	-		-	-	-	-	-	-	-	-					-
445 Internal Labour		-	8	17	-	-	-		-	-	-	-	-	-	-	-					-
446 Internal Materials 447 Training		0	3	-	-	-	-		-	-	-	-	-	-	-	-	-				-
448 Incremental O&M		-	-	-	-	-	-		-	-		-	-	-	-	-					
449 Total Opening WIP	x-ref S1, line 18 &	5	85	137	-	-	-		-	-		-	-	-	-	-					-
450 Additions	x-ref S6, line 65	_	7																		
451 Hardware 452 Software		2 15	3	-	-	-	-		-	-	-		-	-	-						
453 Land		-	2	-	-	-	-		-	-	-	-	-	-	-	-					_
454 Buildings		3	16	-	-	-	-		-	-	-	-	-	-	-	-					-
455 Vendor Fees		45	66 45	9	-	-	-		-	-	-	-	-	-	-	-					-
456 Installer Fees 457 Internal Labour		3 8	45 14	3 2	-	-	-		-	-	-	-	-	-	-	-			•		-
458 Internal Materials		3	1	-		-				-	-				-						
459 Training		1	2	-	-	-	-		-	-	-	-	-	-	-	-					-
460 Incremental O&M		-			-	-	-		-	-	-	-	-	-	-	-	<u> </u>				<u> </u>
461 Total Additions 462 In-service	x-ref S1, line 18	80	155	14	-	-	-		-	-	-	-	-	-	-	-	-				-
463 Hardware		-	(6)	(3)	-	-	-		-	-	-	-	-	-	-	-					
464 Software		-	(3)	(15)	-	-	-		-	-	-	-	-	-	-	-					-
465 Land		-	(2)	-	-	-	-		-	-	-	-	-	-	-	-					-
466 Buildings 467 Vendor Fees		-	(19) (29)	(95)	-	-	-		-	-	-		-	-	-						
468 Installer Fees		-	(31)	(20)	-	-	-		-	-	-	-	-	-	-	-					-
469 Internal Labour		-	(5)	(18)	-	-	-		-	-	-	-	-	-	-	-					-
470 Internal Materials 471 Training		-	(4)	-	-	-	-		-	-	-	-	-	-	-	-	-				-
471 Training 472 Incremental O&M		-	(3)		-	-	-			-	-	-	-	-	-	-					
473 Total In-service		-	(102)	(152)	-	-	-		-	-	-	-	-	-	-	-					-
474 Closing WIP																					
475 Hardware 476 Software		2 15	3 15	-	-	-	-		-	-	-	-	-	-	-	-					-
477 Land		-	-	-	-	_	-		-	-	-	-	-	-	-	-					
																					-
478 Buildings		4	-	-	-	-	-		-	-	-	-	-	-	-	-					-
478 Buildings 479 Vendor Fees		50	- 86 17	-	-	-	-		-	-	-	-	-	-	-	-				_	
<ul> <li>478 Buildings</li> <li>479 Vendor Fees</li> <li>480 Installer Fees</li> </ul>			17	- - -	-	-	-	  	-	- - -	-	-	-	-	-	-		 	• • •		_
478 Buildings 479 Vendor Fees 480 Installer Fees 481 Internal Labour 482 Internal Materials		50 3		- - - -	- - - -	-	- - - -		- - - -	- - - -	-		-			-	 	 	- - -	 	-
478         Buildings           479         Vendor Fees           480         Installer Fees           481         Internal Labour           482         Internal Materials           483         Training		50 3 8	17 17	-	- - - -	- - - -	- - - -		- - - - -	- - - -	-		- - - -	-	-	-	  	  	- - - -	 	- - -
478         Buildings           479         Vendor Fees           480         Installer Fees           481         Internal Labour           482         Internal Materials           483         Training           484         Incremental O&M		50 3 8 3 1	17 17 - -	- - - - - -	- - - - - -	- - - - -	- - - - - -		- - - - - -	- - - - - -	- - - - -	- - - - -	-	-	-				- - - - -		
478         Buildings           479         Vendor Fees           480         Installer Fees           481         Internal Labour           482         Internal Materials           483         Training           484         Incremental O&M           485         TGW Total Closing WIP           486         TGW Total Closing WIP		50 3 8 3	17 17	- - - - - - -	- - - - - - -	- - - - - -	- - - - - -		- - - - - -	- - - - - - -	-	-	-	-	- - - - -				• • • • •		
478         Buildings           479         Vendor Fees           480         Installer Fees           481         Internal Labour           482         Internal Materials           483         Training           484         Incremental O&M           7GW Total Closing WIP           486         Recurring Plant Additions		50 3 8 3 1	17 17 - -	- - - - - - -	- - - - - - -	- - - - - -	-		- - - - - - -	- - - - - - -	- - - - -	-	-	-	-				- - - - -		
478         Buildings           479         Vendor Fees           480         Installer Fees           481         Internal Labour           482         Internal Materials           483         Training           484         Incremental O&M           485         TGW Total Closing WIP           486         487           Recurring Plant Additions           488         Hardware		50 3 8 3 1	17 17 - -	- - - - - - -	- - - - - - -	- - - - - -	-	4 2	-	-	-			-	-	-	4 3		-		4
478         Buildings           479         Vendor Fees           480         Installer Fees           481         Internal Labour           482         Internal Materials           483         Training           484         Incremental O&M           485         TGW Total Closing WIP           486         Agramma           487         Recurring Plant Additions           488         Hardware           489         Software		50 3 8 3 1	17 17 - -	-		-		4 2				4	2				4 3		-		4
478         Buildings           479         Vendor Fees           480         Installer Fees           481         Internal Labour           482         Internal Materials           483         Training           484         Incremental O&M           485         TGW Total Closing WIP           486         487           Recurring Plant Additions           488         Hardware		50 3 8 3 1	17 17 - -	-		- - - - - - - -	-	4 2	-			4	2				4 3	3			4
478         Buildings           479         Vendor Fees           480         Installer Fees           481         Internal Labour           482         Internal Materials           483         Training           484         Incremental O&M           7GW Total Closing WIP           486         Recurring Plant Additions           488         Hardware           489         Software           490         Land           491         Buildings           492         Vendor Fees		50 3 8 3 1	17 17 - -		- - - - - - - - - - - - - - - - - - -	- - - - - - - - - -	-		-			4	2				4 31	3			4
478         Buildings           479         Vendor Fees           480         Installer Fees           481         Internal Labour           482         Internal Materials           483         Training           484         Incremental O&M           485         TGW Total Closing WIP           486         487           487         Recurring Plant Additions           488         Hardware           489         Software           490         Land           491         Buildings           492         Vendor Fees           193         Installer Fees		50 3 8 3 1	17 17 - -	- - - - - - - - - - 1 8	- - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	-	4 2				4	2				4 3	3			4
478         Buildings           479         Vendor Fees           480         Installer Fees           481         Internal Labour           482         Internal Materials           483         Training           484         Incremental O&M           485         TGW Total Closing WIP           486         Hardware           487         Recurring Plant Additions           488         Hardware           490         Land           491         Buildings           492         Vendor Fees           493         Installer Fees           494         Internal Labour		50 3 8 3 1	17 17 - -	1 8 8 - 1				4 2		- - - -		4	2				1				4
478         Buildings           479         Vendor Fees           480         Installer Fees           481         Internal Labour           482         Internal Materials           483         Training           484         Incremental O&M           485         TGW Total Closing WIP           486         487           487         Recurring Plant Additions           488         Hardware           489         Software           490         Land           491         Buildings           492         Vendor Fees           193         Installer Fees		50 3 8 3 1	17 17 - -	- - - - - - - 1 8 8				4 2		1		4	2				4 3 1 10				4
478         Buildings           479         Vendor Fees           480         Installer Fees           481         Internal Labour           482         Internal Materials           483         Training           484         Incremental O&M           485         TGW Total Closing WIP           486         Hardware           489         Software           489         Software           490         Land           491         Buildings           492         Vendor Fees           493         Installer Fees           494         Internal Labour           1486         Training           496         Training           497         Capitalized Overhead		50 3 8 3 1 - 85	17 17 	-	- - - - - - - - - - - - - - - - - - -					- - - - - 10		4	2			-	1 10				4
478         Buildings           479         Vendor Fees           480         Installer Fees           481         Internal Labour           482         Internal Materials           483         Training           484         Incremental O&M           485         TGW Total Closing WIP           486         Hardware           487         Recurring Plant Additions           488         Hardware           490         Land           491         Buildings           492         Vendor Fees           493         Installer Fees           494         Internal Labour           495         Internal Materials           Training         Training		50 3 8 3 1	17 17 - -							- - - -		4	2			-	1				4

Relation   Relation
Sold Solfware
Sold Solfware
Solid   Soli
Buildings           19   19   19   19   19   19
Solid   Vander Fees
Solid   Installer Fees
Solid   Internal Materials
Solid   Internal Materials
Faming
Final   Incommental Capitalized Overhead
511 Total Opening Plant Balance x-ref S3a, line 71
513 Additions 514 Hardware
Additions
Fair
515   Software
Side   Control   Control
Sill   Sulldings   Sulldings
File
Installer Fees
Internal Labour
Internal Materials
Training
Signatural Deal and Capitalized Overhead   Signatural Deal and Cap
524 Total Additions
524 Total Additions
525       526 Retirements       527 Hardware     60 (3) - (4) (2)
S2R   Retirements
527     Hardware     -     -     (6)     (3)     -     -     (4)     (2)     -     -     (4)     (2)     -     -     -     (4)     (2)     -
528     Software
529     Land       530     Buildings       531     Vendor Fees       532     Installer Fees       533     Insternal Labour       534     Internal Materials       535     Training       536     (4)       (1)     (1)       (3)     (0)
530     Buildings       531     Vendor Fees       532     Installer Fees       533     Internal Labour       534     Internal Materials       535     Training       536     (3)       (4)     (1)       (5)     (18)       (7)     (10)       (8)     (10)       (9)     (96)       (9)     (96)       (10)     (10)       (10)
531     Vendor Fees     -
532 Installer Fees
533 Internal Labour
534 Internal Materials
535 Training (3) (0)
535 Iraining
536 Incremental O&M and Capitalized Overhead
537 Total Retirements x-ref S3a, line 73 (6) (3) - (75) (158) (4) (2) (4) (14) (4)
538
539 Closing Plant Balance
540 Hardware - 6 9 9 9 7 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
541 Software - 3 18 18 18 18 18 18 16 1 1 1 1 1 2 1 1 1 1 1 1 1 2 1 1 1 1
542 Land - 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
543 Buildings - 19 19 19 19 19 19 19 19 19 19 19 19 19
544 Vendor Fees - 29 125 125 125 125 125 125 96
545 Installer Fees - 31 59 59 59 59 59 59 28
546 Internal Labour - 5 23 23 23 23 23 23 18
547 Internal Materials - 4 5 5 5 5 5 5 10 10 10 10 10 10 10 10 10 10 10 10 10
548 Training - 3 3 3 3 3 3 3 3 0
549 Incremental O&M and Capitalized Overhead
550 Total Closing Plant Balance x-ref S3a, line 74 - 102 263 263 263 263 261 261 261 197 39 39 39 39 39 39 39 39 39 39 39 39 39
551 551 551 551 551 551 551 551 551 551

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
552 Opening Accumulated Depreciation																							
553 Hardware		-	-	-	(1)	(3)	(5)	(7)	(2)	(1)	(2)	(3)	(4)	(2)	(1)	(2)	(3)	(5)	(2)	(1)	(2)	(3)	(5)
554 Software		-	-	-	(0)	(3)	(5)	(7)	(9)	(11)	(14)	(13)	(0)	(0)	(0)	(1)	(1)	(1)	(1)	(0)	(0)	(0)	(1)
555 Land 556 Buildings		-	-	-	(0)	(4)	(4)	(4)	(4)	(2)	(2)	(2)	(2)	(3)	(2)	(4)	(4)	(4)	(4)	(E)	(E)	(E)	(6)
557 Vendor Fees		-			(0)	(1) (19)	(1) (35)	(1) (51)	(1) (66)	(2) (82)	(2) (98)	(84)	(3)	(0)	(3)	(4) (0)	(4) (0)	(4) (0)	(0)	(5) (0)	(5) (0)	(5) (0)	(0)
558 Installer Fees			_	-	(4)	(11)	(19)	(26)	(33)	(41)	(48)	(25)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
559 Internal Labour		-	-	-	(1)	(3)	(6)	(9)	(12)	(15)	(18)	(16)	-	-	-	-	(-)	-	-	-	-	-	-
560 Internal Materials		-	-	-	(1)	(1)	(2)	(2)	(3)	(4)	(4)	(0)	(1)	(2)	(4)	(5)	(6)	(7)	(9)	-	(1)	(3)	(4)
561 Training		-	-	-	(0)	(1)	(1)	(1)	(2)	(2)	(2)	(0)	0	0	0	0	0	0	0	0	0	0	0
562 Incremental O&M and Capitalized Overhead			-	÷	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
563 Total TGW Depreciation Expense	x-ref S3a, line 76	-	-	-	(11)	(42)	(73)	(104)	(130)	(158)	(188)	(144)	(9)	(8)	(8)	(11)	(14)	(17)	(16)	(6)	(9)	(12)	(15)
564 565 Retirements																							
566 Hardware					_			6	3	_	_	_	4	2			_	4	2	_		_	4
567 Software		-	_	_	-	_	_	-	-	_	3	15	- :	-	-	_	_	- :	1	-		-	
568 Land		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
569 Buildings		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
570 Vendor Fees		-	-	-	-	-	-	-	-	-	29	96	-	-	-	-	-	-	-	-	-	-	-
571 Installer Fees		-	-	-	-	-	-	-	-	-	31	28 18	-	-	-	-	-	-	-	-	-	-	-
572 Internal Labour 573 Internal Materials		-	-	-	-	-	-	-	-	-	5 4	18		-	-	-		-	10	-	-	-	-
573 Internal Materials 574 Training		-			-			-	-		3	0							10		-	-	
575 Incremental O&M and Capitalized Overhead		_		_	_	_	_	-	-	_	-	-		_	-	-	-	-	-	-	-	_	_
576 Total Closing Accumulated Depreciation	x-ref S3a, line 78	-	-	-	-	-	-	6	3	-	75	158	4	2	-	-	-	4	14	-	-	-	4
577																							
578 Depreciation Expense																							
579 Hardware		-	-	(1)	(2)	(2)	(2)	(2)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
580 Software 581 Land		-	-	(0)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
582 Buildings		-		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
583 Vendor Fees				(4)	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(12)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
584 Installer Fees		-	-	(4)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(4)	-	-	-	-	-	-	-	-	-	-	-
585 Internal Labour		-	-	(1)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(2)	-	-	-	-	-	-	-	-	-	-	-
586 Internal Materials		-	-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
587 Training		-	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	-	-
588 Incremental O&M and Capitalized Overhead				(44)	(04)	(04)	(04)	(04)	(04)	(04)	(04)	(00)	- (0)	- (0)	- (0)	- (0)	- (0)	- (0)	- (0)	- (0)	- (0)	- (0)	- (0)
589 Total TGW Depreciation Expense 590	x-ref S3a, line 77	-	-	(11)	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(23)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
591 Closing Accumulated Depreciation																							
592 Hardware		-	-	(1)	(3)	(5)	(7)	(2)	(1)	(2)	(3)	(4)	(2)	(1)	(2)	(3)	(5)	(2)	(1)	(2)	(3)	(5)	(2)
593 Software		-	-	(0)	(3)	(5)	(7)	(9)	(11)	(14)	(13)	(0)	(0)	(0)	(1)	(1)	(1)	(1)	(0)	(0)	(0)	(1)	(1)
594 Land		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
595 Buildings		-	-	(0)	(1)	(1)	(1)	(1)	(2)	(2)	(2)	(3)	(3)	(3)	(4)	(4)	(4)	(4)	(5)	(5)	(5)	(6)	(6)
596 Vendor Fees 597 Installer Fees		-	-	(4) (4)	(19) (11)	(35) (19)	(51) (26)	(66) (33)	(82) (41)	(98) (48)	(84) (25)	(0) (0)	(0)	(0) (0)	(0) (0)	(0)	(0)	(0) (0)	(0) (0)	(0) (0)	(0)	(0) (0)	(0)
598 Internal Labour		-		(1)	(3)	(6)	(26)	(12)	(15)	(18)	(16)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
599 Internal Materials		-	_	(1)	(1)	(2)	(2)	(3)	(4)	(4)	(0)	(1)	(2)	(4)	(5)	(6)	(7)	(9)	_	(1)	(3)	(4)	(5)
600 Training		-	-	(0)	(1)	(1)	(1)	(2)	(2)	(2)	(0)	o´	ò	ò	O O	0	`o´	0	0	o	O O	ò	O
601 Incremental O&M and Capitalized Overhead			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
602 Total Closing Accumulated Depreciation	x-ref S3a, line 79	-	-	(11)	(42)	(73)	(104)	(130)	(158)	(188)	(144)	(9)	(8)	(8)	(11)	(14)	(17)	(16)	(6)	(9)	(12)	(15)	(14)
603				102	000	000	000	000	261	004	004	407	39		00	00	20	00	40	00	00	00	00
604 Opening GPIS 605 Closing GPIS		-	102	263	263 263	263 263	263 263	263 261	261	261 261	261 197	197 39	39	39 39	39 39	39 39	39 39	39 40	40 39	39 39	39 39	39 39	39 39
606 Mid-Year GPIS			51	183	263	263	263	262	261	261	229	118	39	39	39	39	39	39	40	39	39	39	39
607			0.	100	200	200	200	202	20.	20.	LLO	110	00	00	00	00	00	00		00	00	00	00
608 Opening Accumulated Depreciation		-	-	-	(11)	(42)	(73)	(104)	(130)	(158)	(188)	(144)	(9)	(8)	(8)	(11)	(14)	(17)	(16)	(6)	(9)	(12)	(15)
609 Closing Accumulated Depreciation			-	(11)	(42)	(73)	(104)	(130)	(158)	(188)	(144)	(9)	(8)	(8)	(11)	(14)	(17)	(16)	(6)	(9)	(12)	(15)	(14)
610 Mid-Year Accumulated Depreciation		-	-	(5)	(26)	(58)	(89)	(117)	(144)	(173)	(166)	(76)	(8)	(8)	(10)	(13)	(16)	(17)	(11)	(7)	(10)	(13)	(14)
611				477	007	200	477	4.45	447	00			20	04	00	00		00	00	00	00	00	05
612 TGW Mid-Year Net Plant in Service		-	51	177	237	206	174	145	117	88	63	41	30	31	29	26	23	23	29	32	29	26	25

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
613	received	2010	2011	2012	2010	2014	2010	2010	2011	2010	2013	2020	2021	2022	2020	2027	2020	2020	2021	2020	2023		2001
614 TGW Software CIAOC Opening Balance	x-ref S3a, line 81		_				_	_		_	_		_	_		_	_	_	_		_	_	_
615 TGW Software CIAOC Additions	x-ref S3a, line 82	_	_	_			_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
616 TGW Software CIAOC Retirements	x-ref S3a, line 83	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
617 TGW Software CIAOC Closing Balance	x-ref S3a, line 84																						
618	x-161 00a, iiile 04																						
619 TGW Software CIAOC Opening Balance Accumulated Depreciation	x-ref S3a, line 86	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
620 TGW Software CIAOC Retirements	x-ref S3a, line 87	_	_	_				_	_		_	_	_	_	_	_						_	
621 TGW Amortization of Software CIAOC	x-ref S3a, line 88		_	_			_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
622 TGW Software CIAOC Closing Balance Accumulated Depreciation																							
623	x-161 00a, iii16 00																						
624 TGW Mid Year Software CIAOC		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
625																							
626 TGW Opening Deferred Charges	x-ref S3a, line 96	_	0	21	18	16	13	10	8	5	3	0	0	0	0	0	0	0	0	0	0	0	0
627 TGW O&M Deferred Charge Additions	S1, line 21	0	27	21	10	10	15	10	Ü	3	3	Ü	· ·		· ·	Ü	0	0	o	0	·	U	· ·
628 TGW O&M Tax on Deferred Charge Additions	01, 1110 21	(0)	(7)	_	_	_	_		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
629 TGW O&M Net Deferred Charge Additions	x-ref S3a, line 97	(0)	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
630 TGW O&M Amortization Expense	x-ref S3a, line 98	U	20	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	-	-	-	-	-	-	-	-	-	-	-	-
631 TGW O&M Deferred Charge AFUDC	S1, line 22	0	1	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	-	-	-	-	-	-	-	-	-	-	-	-
632 TGW Closing Deferred Charges	x-ref S3a, line 99	0	21	18	16	12	10		-	2	0	0	0	0	0	0	0	0	0		-	0	0
633 Capital Lease Rate Base	A-IEI 33a, IIIIE 33	U	42	20	33	20	25	30	16	11	7	2	44	30	25	30	26	21	16	12	7	2	U
634 TGW Mid-Year Deferred Charges		-	42	19	17	14	12	20	6	11	,	2	44	39	33	30	20	21	10	12	,	2	-
635 In-Service Adjustment	x-ref S3a, line 103	-	-	(17)	17	14	12	9	0	4	'	-	-	-	-	-	-	-	-	-	-	-	-
636 TGW Ratebase	x-ref S3a, line 105	-	02	218	287	249	211	174	120	102	71	44	74	70	64	56	40	44	46	44	26	20	25
030 TGVV Ratebase	x-rei 55a, iirie 105	-	93	210	201	249	211	174	139	103	/ 1	44	14	70	04	50	49	44	40	44	30	20	25

S4a - CCA- Summary Attachment 7.1b

## Financial Schedule 4a

## Customer Care Enhancement Project- FINAL (November 27, 2009)

Capital Cost Allowance Summary in \$000s
\*Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
TGI	<del></del> -																						
1 Opening UCC Balance	S4b, line 11	-	-	31,620	81,117	80,160	79,419	78,820	79,378	79,321	78,541	79,908	79,425	80,071	80,100	79,404	78,872	78,456	79,543	81,176	80,538	80,058	79,691
2 Additions	S4b, line 23	-	33,274	51,065	-	-	-	1,236	793	-	3,555	-	1,224	785	-	-	-	1,599	3,880	-	-	-	1,196
3 CCA	S4b, lines 26, 28, 32, 33 & 34	-	(1,654)	(1,568)	(956)	(742)	(598)	(679)	(850)	(780)	(2,188)	(484)	(577)	(757)	(696)	(532)	(415)	(512)	(2,246)	(638)	(480)	(367)	(466)
4 Closing UCC Balance		-	31,620	81,117	80,160	79,419	78,820	79,378	79,321	78,541	79,908	79,425	80,071	80,100	79,404	78,872	78,456	79,543	81,176	80,538	80,058	79,691	80,420
5																							
6 TGVI																							
7 Opening UCC Balance	S4b, line 60	-		2,413	3,896	815	727	656	734	733	635	802	500	598	610	517	446	392	537	771	436	367	315
8 Additions	S4b, line 72	-	3,941	6,045	-	-	-	160	104	-	484	-	173	113	-	-	-	246	607	-	-	-	201
9 CCA	S4b, line 84	-	(1,528)	(4,561)	(3,081)	(88)	(71)	(82)	(106)	(97)	(318)	(302)	(74)	(101)	(93)	(71)	(55)	(101)	(373)	(335)	(69)	(52)	(70)
10 Closing UCC Balance		-	2,413	3,896	815	727	656	734	733	635	802	500	598	610	517	446	392	537	771	436	367	315	446
11																							
12 <b>TGW</b>																							
13 Opening UCC Balance	S4b, line 109	-	-	61	101	23	21	19	21	21	18	22	20	22	22	20	18	17	20	25	23	21	20
14 Additions	S4b, line 121	-	100	153	-	-	-	4	2	-	11	-	4	2	-	-	-	5	13	-	-	-	4
15 CCA	S4b, line 133	-	(39)	(113)	(78)	(2)	(2)	(2)	(3)	(2)	(7)	(2)	(2)	(2)	(2)	(2)	(1)	(2)	(8)	(2)	(2)	(1)	(1)
16 Closing UCC Balance		-	61	101	23	21	19	21	21	18	22	20	22	22	20	18	17	20	25	23	21	20	22
17																							
18																							
19																							
20 CCA Rates Used																							
21	00.000																						
22 Hardware_CCA 23 Software CCA	30.00%																						
23 Software_CCA 24 Buildings CCA	100.00% 6.00%																						
25 VendorFees CCA	100.00%																						
26 InstallerFees CCA	100.00%																						
27 InternalLabour CCA	100.00%																						
28 InternalMaterials CCA	100.00%																						
29 Overhead Cap CCA	4.00%																						
30	4.00 /6																						
31 Amortization of Software CIAOC	12.50%																						

Financial Schedule 4b

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	TGI Capital Cost Allowance																							
1	UCC Opening																							
2	Hardware		-	-	1,716	1,957	1,370	959	671	1,521	1,739	1,217	852	596	1,457	1,687	1,181	827	579	1,434	1,663	1,164	815	570
3	Software		-	-	445	2,314	-	-	-	-	-		197	-	, -	-	-	-	-	194	-		-	-
4	Buildings		-	-	6,237	5,863	5,511	5,180	4,869	4,577	4,303	4,044	3,802	3,574	3,359	3,158	2,968	2,790	2,623	2,465	2,317	2,178	2,048	1,925
5	Vendor Fees		-	-	4,839	15,187	-	-			· -	-	· -	-		-	-	-	-	-	-	-	· -	· -
6	Installer Fees		-	-	5,179	4,569	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Internal Labour		-	-	792	2,917	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Internal Materials		-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Training		-	-	445	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Incremental O&M and Capitalized Overhead		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 12	Total UCC Opening Balance	x-ref S4a, line 1	-	-	19,652	32,824	6,881	6,139	5,541	6,098	6,041	5,262	4,851	4,170	4,817	4,845	4,149	3,617	3,202	4,093	3,981	3,343	2,863	2,495
13	UCC Additions																							
14	Hardware		_	2,019	889	_	_	_	1.236	793	_	_	_	1,224	785	_	_	_	1.210	776	_	_	_	1,196
15	Software		_	890	4,628		_	_	1,200	-		395	_	1,224	700	_	_	_	389		_	_	_	1,150
16	Buildings		_	6,430	-,020		_	_		_		-	_	_	_	_	_	_	-	_	_	_	_	_
17	Vendor Fees		_	9,678	30.374	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
18	Installer Fees		-	10,357	9,138	_	-	-	-	-	-	_	-	-	_	-	_	-	_	_	_	-	-	-
19	Internal Labour		-	1,584	5.835	_	-	-	-	-	-	_	-	-	_	-	_	-	_	_	_	-	-	-
20	Internal Materials		-	1,426	167	-	-	-	-	-	-	3,160	-	-	-	-	-	-	-	3,104	-	-	-	-
21	Training		-	890	35	-	-	-	-	-	-		-	-	-	-	-	-	-		-	-	-	-
22	Incremental O&M and Capitalized Overhead		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Total UCC Additions	x-ref S4a, line 2	-	33,274	51,065	-	-	-	1,236	793	-	3,555	-	1,224	785	-	-	-	1,599	3,880		-	-	1,196
24																								
25	CCA																							
26	Hardware	x-ref S4a, line 3	-	(303)	(648)	(587)	(411)	(288)	(387)	(575)	(522)	(365)	(256)	(362)	(555)	(506)	(354)	(248)	(355)	(546)	(499)	(349)	(244)	(350)
27	TGI Software CCA		-	(445)	(2,759)	(2,314)	-	-	-	-	-	(197)	(197)	-	-	-	-	-	(194)	(194)	-	-	-	-
28	Buildings	x-ref S4a, line 3	-	(193)	(374)	(352)	(331)	(311)	(292)	(275)	(258)	(243)	(228)	(214)	(202)	(189)	(178)	(167)	(157)	(148)	(139)	(131)	(123)	(115)
29	Vendor Fees CCA		-	(4,839)	(20,026)	(15,187)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Installer Fees CCA		-	(5,179)	(9,747)	(4,569)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Internal Labour CCA		-	(792)	(3,709)	(2,917)	-	-	-	-	-		-	-	-	-	-	-	-		-	-	-	-
32	Internal Materials CCA	x-ref S4a, line 3	-	(713)	(84)		-	-	-	-	-	(1,580)	-	-	-	-	-	-	-	(1,552)	-	-	-	-
33	Training		-	(445)	(462)	(17)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34 35	Incremental O&M and Capitalized Overhead Total TGI CCA	x-ref S4a, line 3		(12,908)	(37,810)	(25,943)	(742)	(598)	(679)	(850)	(780)	(2,385)	(681)	(577)	(757)	(696)	(532)	(415)	(707)	(2,441)	(638)	(480)	(367)	(466)
36	Total TGTCCA		-	(12,908)	(37,810)	(25,943)	(742)	(598)	(679)	(850)	(780)	(2,385)	(681)	(5//)	(/5/)	(696)	(532)	(415)	(707)	(2,441)	(638)	(480)	(367)	(466)
37	UCC Ending Balance																							
38	Hardware		_	1,716	1,957	1,370	959	671	1,521	1,739	1,217	852	596	1,457	1,687	1,181	827	579	1,434	1,663	1,164	815	570	1,416
39	Software		_	445	2,314	- 1,570	-	-	1,521	1,755	- 1,217	197	-	- 1,407	1,007	- 1,101	-	-	194	-	1,104	-	-	-
40	Buildings		_	6,237	5,863	5,511	5,180	4,869	4,577	4,303	4,044	3,802	3,574	3,359	3,158	2,968	2,790	2,623	2,465	2,317	2,178	2,048	1,925	1,809
41	Vendor Fees		_	4,839	15,187	-	-	-,000	.,0	-,000		-	-	-	-	-,000	2,700	-	-, 100	_,0	2,110	-,0.0	-,020	-
42	Installer Fees		-	5.179	4,569	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43	Internal Labour		-	792	2.917	_	-	-	_	-	_	_	-	-	_	-	-	-	_	_	-	-	-	-
44	Internal Materials		-	713	84	-	-	-	-	-	-	1,580	-	-	-	-	-	-	-	1,552	-	-	-	-
45	Training		-	445	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46	Incremental O&M and Capitalized Overhead		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	Total UCC Ending Balance		-	20,365	32,907	6,881	6,139	5,541	6,098	6,041	5,262	6,431	4,170	4,817	4,845	4,149	3,617	3,202	4,093	5,533	3,343	2,863	2,495	3,225
48 49	TGI Software CIAOC Addition			(3,171)	(9,081)	(6,247)	_	_	_	_	_	(444)	(49)	_	_	_	_	_	(49)	(437)		_	_	_
	. 2. 22			(0, 1)	(0,001)	(0,2.7)						()	(.5)						(.5)	()				

	TOWN 0 11 10 14 11	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	TGVI Capital Cost Allowance																							
50	UCC Opening																							
51	Hardware		-	-	204	231	162	113	79	192	223	156	109	76	200	236	165	116	81	215	254	178	124	87
52	Software		-	-	52	271	-	-	-	-	-	-	27	-	-	-	-	-	-	30	-	-	-	-
53	Buildings		-	-	739	695	653	614	577	542	510	479	451	423	398	374	352	331	311	292	275	258	243	228
54	Vendor Fees		-	-	571	1,796	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
55	Installer Fees		-	-	616	546	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	Internal Labour		-	-	94	345	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
57	Internal Materials		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
58	Training		-	-	53	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59	Incremental O&M and Capitalized Overhead			-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
60	Total UCC Opening Balance	x-ref S4a, line 7	-	-	2,329	3,886	815	727	656	734	733	635	587	500	598	610	517	446	392	537	528	436	367	315
61 62	UCC Additions																							
63	Hardware			240	104				160	104				173	113				186	121				201
64	Software		-	105	541			-	100	104		54		- 173	-			-	60	121		-	_	201
65	Buildings		-	762	-	-	-	-	-	-	-	-	-	-	-	_	-	_	-	-	_	_	_	-
66	Vendor Fees		-	1,143	3,593	-	-	-	-	-	-	_	-	-	-	_	-	_	-	-	_	_	_	-
67	Installer Fees		-	1,231	1,092	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
68	Internal Labour		-	188	690	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
69	Internal Materials		-	167	20	-	-	-	-	-	-	431	-	-	-	-	-	-	-	486	-	-	-	-
70	Training		-	105	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	Incremental O&M and Capitalized Overhead			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
72	Total UCC Additions	x-ref S4a, line 8	-	3,941	6,045	-	-	-	160	104	-	484	-	173	113	-	-	-	246	607	-	-	-	201
73																								
74	CCA																							
75	Hardware		-	(36)	(77)	(69)	(49)	(34)	(48)	(73)	(67)	(47)	(33)	(49)	(77)	(71)	(50)	(35)	(52)	(83)	(76)	(53)	(37)	(56)
76	TGVI Software CCA		-	(52)	(323)	(271)	-	-	-	-	-	(27)	(27)	-	-	-	-	-	(30)	(30)	-	-	-	-
77	Buildings		-	(23)	(44)	(42)	(39)	(37)	(35)	(33)	(31)	(29)	(27)	(25)	(24)	(22)	(21)	(20)	(19)	(18)	(16)	(15)	(15)	(14)
78	Vendor Fees CCA		-	(571)	(2,368)	(1,796)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79 80	Installer Fees CCA		-	(616) (94)	(1,161) (439)	(546) (345)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
81	Internal Labour CCA Internal Materials CCA		-	(84)	(94)	(345)	-	-	-	-	-	(215)	(215)	-	-	-	-	-	-	(243)	(243)	-	-	-
82	Training		-	(53)	(55)	(2)	-	-		-	-	(215)	(213)	-	-	-	-	-	-	(243)	(243)	-	-	-
83	Incremental O&M and Capitalized Overhead		-	(55)	(33)	(2)				_				-				-		-		-	_	_
84	Total TGVI CCA	x-ref S4a, line 9		(1,528)	(4,561)	(3,081)	(88)	(71)	(82)	(106)	(97)	(318)	(302)	(74)	(101)	(93)	(71)	(55)	(101)	(373)	(335)	(69)	(52)	(70)
85	Total TOVTOOA	x ici o-a, iiic s		(1,020)	(1,001)	(0,001)	(00)	(, ,)	(02)	(100)	(01)	(0.0)	(002)	(, ,)	()	(00)	(, , ,	(00)	(101)	(0.0)	(000)	(00)	(02)	(.0)
86	UCC Ending Balance																							
87	Hardware		-	204	231	162	113	79	192	223	156	109	76	200	236	165	116	81	215	254	178	124	87	231
88	Software		-	52	271	-	-	-	-	-	-	27	-	-	-	-	-	-	30	-	-	-	-	-
89	Buildings		-	739	695	653	614	577	542	510	479	451	423	398	374	352	331	311	292	275	258	243	228	214
90	Vendor Fees		-	571	1,796	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
91	Installer Fees		-	616	546	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
92	Internal Labour		-	94	345	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
93	Internal Materials		-	84	(74)	(10)	-	-	-	-	-	215	(215)	-	-	-	-	-	-	243	(243)	-	-	-
94	Training		-	53	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
95	Incremental O&M and Capitalized Overhead																							
96 97	Total UCC Ending Balance		-	2,413	3,813	805	727	656	734	733	635	802	285	598	610	517	446	392	537	771	193	367	315	446
98	TGVI Software CIAOC Addition		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
30	1 G VI SUILWATE CIACC AUUILIUT		-	-	-	-	-	_	-	_	-	-	-	_	_	-	-	-	-	-	-	-	-	

		Deference	2010	2011	2012	2013	2014	2015	2016	2017	2010	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	TOW Control Control	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	TGW Capital Cost Allowance																							
99	UCC Opening																							
100	Hardware		-	-	5	6	4	3	2	5	5	4	3	2	5	5	4	3	2	5	5	4	3	2
101	Software		-	-	1	7	-	-	-	- '	-	-	1	-	-		-		-	1	-	-	-	-
102	Buildings		-	-	19	18	16	16	15	14	13	12	11	11	10	9	9	8	8	7	7	7	6	6
103	Vendor Fees		-	-	14	45	-	-		-		-	-	-		-	- '			-	-	-	- '	-
104	Installer Fees		-	-	16	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
105	Internal Labour		-	-	2	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
106	Internal Materials		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
107	Training		-	-	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
108	Incremental O&M and Capitalized Overhead		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Total UCC Opening Balance	x-ref S4a, line 13	-	-	59	98	21	18	17	18	18	16	15	13	15	15	13	11	10	13	12	10	9	8
110	. •																							
111	UCC Additions																							
112	Hardware		-	6	3	-	-	-	4	2	-	-	-	4	2	-	-	-	4	3	-	-	-	4
113	Software		-	3	14	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-
114	Buildings		-	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
115	Vendor Fees		-	29	91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
116	Installer Fees		-	31	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
117	Internal Labour		-	5	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
118	Internal Materials		-	4	1	-	-	-	-	-	-	10	-	-	-	-	-	-	-	10	-	-	-	-
119	Training		-	3	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120	Incremental O&M and Capitalized Overhead			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
121	Total UCC Additions	x-ref S4a, line 14	-	100	153	-	-	-	4	2	-	11	-	4	2	-	-	-	5	13	-	-	-	4
122																								
123																								
124	Hardware		-	(1)	(2)	(2)	(1)	(1)	(1)	(2)	(2)	(1)	(1)		(2)	(2)	(1)	(1)	(1)	(2)	(2)	(1)	(1)	(1)
125	TGW Software CCA		-	(1)	(8)	(7)	-	-	-	-	-	(1)	(1)		-	-	-	-	(1)		-	-	-	-
126	Buildings		-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(0)	(0)	(0)	(0)	(0)	(0)
127	Vendor Fees CCA		-	(14)	(60)	(45)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
128	Installer Fees CCA		-	(16)	(29)	(14)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129	Internal Labour CCA		-	(2)	(11)	(9)	-	-	-	-	-		-	-	-	-	-	-	-		-	-	-	-
130	Internal Materials CCA		-	(2)	(0)		-	-	-	-	-	(5)	-	-	-	-	-	-	-	(5)	-	-	-	-
131	Training		-	(1)	(1)	(0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
132	Incremental O&M and Capitalized Overhead			-	-			- (-)	-				-					-	-				-	
133	Total TGW CCA	x-ref S4a, line 15	-	(39)	(113)	(78)	(2)	(2)	(2)	(3)	(2)	(7)	(2)	(2)	(2)	(2)	(2)	(1)	(2)	(8)	(2)	(2)	(1)	(1)
134																								
135				_					_	_				_	_				_	_				_
136	Hardware		-	5	6	4	3	2	5	5	4	3	2	5	5	4	3	2	5	5	4	3	2	5
137	Software		-	1	7	-	-			-	-	.1		-	-		-	-	1			-	-	
138	Buildings		-	19	18	16	16	15	14	13	12	11	11	10	9	9	8	8	/	/	/	6	6	5
139	Vendor Fees		-	14	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	Installer Fees		-	16	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
141	Internal Labour		-	2	9	-	-	-	-	-	-		-	-	-	-	-	-	-	٠,	-	-	-	-
142	Internal Materials		-	2	Ü	-	-	-	-	-	-	5	-	-	-	-	-	-	-	5	-	-	-	-
143	Training		-	1	υ	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
144	Incremental O&M and Capitalized Overhead			- 64	- 00	- 04	- 10	17	- 10	- 40	- 40	- 20	- 10	- 45	- 15	- 40	- 14	- 10	- 40	- 17	- 10	- 9	- 8	- 10
145	Total UCC Ending Balance		-	61	98	21	18	17	18	18	16	20	13	15	15	13	11	10	13	17	10	9	8	10
146 147	TOW C-4 CIACO Addis																							
14/	TGW Software CIAOC Addition		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

S5 - Revenue Requirement Attachment 7.1b

## Financial Schedule 5

TGI	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
1 Revenue Requirement																							
2																							
3 Operating & Maintenance Expense																							
4 CCE Customer Care O&M Costs 5 Avoided Costs- Existing customer care contract	S2, line 6	-	-	39,624 (55,893)	40,706 (57,593)	41,989 (58,615)	43,316 (58,781)	44,684 (59,883)	45,695 (61,016)	46,551 (61,975)	47,947 (63,475)	48,969 (64,599)	49,890 (65,624)	51,081 (66,920)	52,284 (68,230)	53,492 (69,548)	54,747 (70,918)	56,271 (72,564)	57,435 (73,856)	58,808 (75,367)	60,194 (76,901)	61,611 (78,480)	63,030 (80,076)
6 Less: Overhead Capitalized				(33,033)	(37,353)	(30,013)	(30,701)	(35,003)	(01,010)	(01,973)	(03,473)	(04,355)	(03,024)	(00,520)	(00,230)	(05,546)	(70,510)	(72,304)	(73,030)	(73,307)	(70,501)	(70,400)	(80,070)
7		-	-	(16,269)	(16,887)	(16,626)	(15,465)	(15,199)	(15,321)	(15,423)	(15,528)	(15,631)	(15,734)	(15,839)	(15,946)	(16,056)	(16,171)	(16,293)	(16,422)	(16,559)	(16,707)	(16,869)	(17,047)
9 Property & Other Taxes		_		_	37	(40)	46	25	29	22	10	(0)	(14)	(59)	(121)	(115)	(118)	(121)	(124)	(128)	(135)	(133)	(136)
10 Amortization & Depreciation Expense	line 19 + line 20	-	1,486	5,576	11,215	10,432	10,429	10,426	10,267	10,231	10,228	7,024	1,564	2,339	2,334	2,331	2,328	2,324	2,361	2,300	2,303	2,299	873
11 Income Tax Expense	line 29	-	111	1,775	3,984	3,620	3,524	3,359	3,114	2,983	2,379	1,759	317	401	366	360	337	248	(357)	109	94	59	212
12 Earned Return 13		-	2,152	4,907	6,220	5,153	4,355	3,605	2,891	2,138	1,475	933	1,762	1,688	1,537	1,358	1,178	1,058	1,069	1,022	846	670	594
14 TGI Total Cost of Service	x-ref S6, line 33	-	3,748	(4,012)	4,570	2,538	2,889	2,216	979	(49)	(1,435)	(5,915)	(12,105)	(11,470)	(11,830)	(12,123)	(12,447)	(12,783)	(13,473)	(13,256)	(13,599)	(13,973)	(15,503)
15																							
16 17 Income Tax Expense Calculation																							
18 Equity Earned Return		-	878	1,931	2,415	2,001	1,691	1,400	1,123	830	573	362	684	655	597	527	457	411	415	397	328	260	231
19 Add: Depreciation Expense- excluding capital lease	S3b, line 165	-	-	3,233	8,875	8,094	8,094	8,094	7,938	7,905	7,905	5,565	107	885	884	884	884	884	924	866	873	873	873
20 Add: Amortization Expense	S3b, line 206	-	-	860	860	860	860	860	860	860	860	-	-		-	-	-	-	-	-		-	<del>.</del>
21 Less: CCA 22 Less: Overhead Capitalized timing difference	S4a, line 3	-	(1,654)	(1,568)	(956)	(742)	(598)	(679)	(850)	(780)	(2,188)	(484)	(577)	(757)	(696)	(532)	(415)	(512)	(2,246)	(638)	(480)	(367)	(466)
23 Taxable Income After Tax			(776)	4,455	11.194	10,213	10,047	9,675	9,070	8,816	7,150	5,443	214	784	785	878	926	782	(908)	625	721	765	637
24			( -/		, -	-,						-,							, ,				
25 Taxable Income 26		-	(1,056)	5,940	14,925	13,618	13,396	12,900	12,094	11,754	9,534	7,257	286	1,046	1,047	1,171	1,234	1,043	(1,210)	834	961	1,020	850
27 Current Income Tax Rate		29%	27%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
28 Capital Lease Tax Expense		-	391	290	253	215	176	134	90	44	(4)	(55)	246	139	104	67	28	(12)	(55)	(99)	(146)	(196)	-
29 Total Income Tax Expense 30		-	111	1,775	3,984	3,620	3,524	3,359	3,114	2,983	2,379	1,759	317	401	366	360	337	248	(357)	109	94	59	212
31 Customer Impact- Residential																							
32 (95 GJ annual use)																							
33 Approximate Annual Bill- Burner Tip Increase/(Decrease) %				-0.31%	0.36%	0.20%	0.23%	0.17%	0.08%	0.00%	-0.10%	-0.47%	-0.96%	-0.91%	-0.94%	-0.96%	-0.98%	-1.00%	-1.07%	-1.04%	-1.07%	-1.11%	-1.23%

S5 - Revenue Requirement Attachment 7.1b

		2	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	TGVI		2010	2011	2012	2013	2014	2013	2010	2017	2010	2013	2020	2021	2022	2023	2024	2020	2020	LULI	2020	2023	2000	2001
34 35	Revenue Requirement																							
36	Operating & Maintenance Expense																							
37	CCE Customer Care O&M Costs S2, line	6	-	-	4,791	5,006	5,253	5,507	5,780	6,014	6,234	6,533	6,789	7,037	7,331	7,635	7,947	8,276	8,655	8,988	9,364	9,752	10,156	10,571
38	Avoided Costs- Existing customer care contract		-	-	(6,759)	(7,083)	(7,333)	(7,473)	(7,746)	(8,031)	(8,299)	(8,649)	(8,956)	(9,257)	(9,604)	(9,963)	(10,333)	(10,721)	(11,161)	(11,558)	(12,000)	(12,459)	(12,936)	(13,430)
39	Less: Overhead Capitalized		-	-	-	-	-	-	-	-		-	-		-		-	-	-	-	-	-	-	
40 41			-	-	(1,967)	(2,077)	(2,080)	(1,966)	(1,966)	(2,017)	(2,065)	(2,116)	(2,167)	(2,219)	(2,273)	(2,328)	(2,386)	(2,445)	(2,506)	(2,570)	(2,637)	(2,707)	(2,781)	
42	Property & Other Taxes		_	_	_	0	(18)	(1)	8	8	6	4	3	0	(7)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(22)
43	Amortization & Depreciation Expense line 52 + lin	e 53	-	177	712	1,520	1,522	1,525	1,528	1,515	1,516	1,519	1,110	331	336	341	344	348	351	364	370	373	377	142
44	Income Tax Expense line 62		-	(456)	(1,202)	(411)	565	547	521	485	464	369	216	91	66	61	60	55	31	(62)	(56)	20	13	37
	Earned Return		-	284	685	912	792	671	557	447	330	229	143	257	244	223	198	172	155	161	157	128	98	85
46	Banner Conversion Costs		1,367	1,290	1,202	1,132	1,061	11					-				-	-	-	-	-		-	
47	TGVI Total Cost of Service x-ref S6, lir	e 50	1,367	1,295	(571)	1,077	1,843	788	647	438	252	5	(695)	(1,541)	(1,634)	(1,718)	(1,800)	(1,887)	(1,987)	(2,125)	(2,186)	(2,207)	(2,315)	242
48																								
50	Income Tax Expense Calculation																							
51	Equity Earned Return		-	136	317	418	363	308	255	205	151	105	66	118	112	102	91	79	71	74	72	59	45	39
52	Add: Depreciation Expense- excluding capital lease S3b, line	377	-	-	430	1,235	1,235	1,235	1,235	1,219	1,217	1,217	908	125	128	129	129	129	129	140	142	142	142	142
53	Add: Amortization Expense S3b, line		-	-	103	103	103	103	103	103	103	103	-	-	-	-	-	-	-	-	-	-	-	-
54	Less: CCA S4a, line	9	-	(1,528)	(4,561)	(3,081)	(88)	(71)	(82)	(106)	(97)	(318)	(302)	(74)	(101)	(93)	(71)	(55)	(101)	(373)	(335)	(69)	(52)	(70)
55	Less: Overhead Capitalized timing difference		-	-	-	-			-	-		-	-	-		-	-	-	-	-	-	-	-	
56 57	Taxable Income After Tax		-	(1,393)	(3,711)	(1,325)	1,613	1,575	1,511	1,421	1,374	1,107	671	169	139	139	149	154	100	(159)	(122)	131	135	111
58	Taxable Income		_	(1,895)	(4,948)	(1.767)	2.151	2,100	2.014	1.894	1.832	1.476	895	225	185	185	199	205	133	(213)	(163)	175	180	148
59				( ,,	( ,,	( , - ,														/	(,			
60	Current Income Tax Rate		29%	27%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
61			-	46		31				12	6	(1)	(8)	35				4	(2)	(9)	(16)	(24)	(32)	-
	Total Income Tax Expense		-	(456)	(1,202)	(411)	565	547	521	485	464	369	216	91	66	61	60	55	31	(62)	(56)	20	13	37
٠.	Customer Impact Besidential																							
	Approximate Annual Bill- Burner Tip Increase/(Decrease) %				-0.69%	-0.02%	0.31%	0.31%	0.26%	0.17%	0.10%	0.00%	-0.27%	-0.60%	-0.64%	-0.68%	-0.70%	-0.74%	-0.77%	-0.83%	-0.86%	-0.87%	-0.91%	-1.02%
61 62 63 64 65 66	Capital Lease Tax Expense Total Income Tax Expense  Customer Impact- Residential (59 GJ annual use)		29% - -		35 (1,202)	31 (411)	25% 27 565 0.31%	22 547	17 521	12 485	6 464		25% (8) 216	25% 35 91 -0.60%	20 66	25% 15 61	10 60	4 55	25% (2) 31	(9) (62)	(16) (56)	(24) 20	(32) 13	37

S5 - Revenue Requirement Attachment 7.1b

		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
TGW																							
68 Revenue Requirement 69																							
70 Operating & Maintenance Expense 71 CCE Customer Care O&M Costs 72 Avoided Costs - Existing customer care contract 73 Less: Overhead Capitalized 74	S2, line 6		- - -	119 (168) - (49)	123 (173) - (51)	127 (177) - (50)	132 (179) - (47)	137 (183) - (46)	141 (188) - (47)	144 (192) - (48)	149 (197) - (48)	153 (202) - (49)	157 (206) - (49)	161 (212) - (50)	166 (217) - (51)	171 (222) - (51)	176 (228) - (52)	182 (235) - (53)	187 (240) - (53)	192 (246) - (54)	198 (253) - (55)	204 (259) - (56)	209 (266) - (57)
75 76 Property Taxes 77 Amortization & Depreciation Expense	line 86 + line 87	-	- 4	- 18	0 38	(0) 38	(0) 38	0 38	0 38	0 38	0 38	0 27	0	(0) 8	(0)								
78 Income Tax Expense 79 Earned Return 80	line 96	-	(12) 7	(30) 17	(10) 23	14 20	14 17	13 14	12 11	12 8	9 6	7 3	2 6	1 6	1 5	1 4	1 4	1	(1) 4	1	0 3	0 2	1 2
81 TGW Total Cost of Service	x-ref S6, line 67	-	0	(44)	(0)	21	22	19	14	10	5	(11)	(34)	(36)	(37)	(38)	(40)	(41)	(44)	(43)	(44)	(46)	(51)
82 83 84 Income Tax Expense Calculation 85 Equity Earned Return 86 Add: Depreciation Expense- excluding capital lease 87 Add: Amortization Expense	S3b, line 589 S3b, line 630	-	3 -	8 11 3	10 31 3	9 31 3	8 31 3	6 31 3	5 31 3	4 31 3	3 31 3	2 23	3 3	3 3	2 3	2 3	2 3	2 3	2 3	2 3	1 3	1 3	1 3
88 Less: CCA 89 Less: Overhead Capitalized timing difference 90 Taxable Income After Tax	S4a, line 15		(39)	(113)	(78)	(2)	(2)	(2)	(3)	(2)	(7)	(2)	(2)	(2)	(2)	(2)	(1)	(2)	(8)	(2)	(2)	(1)	(1)
91 92 Taxable Income 93		-	(48)	(122)	(45)	54	53	51	48	46	38	30	5	4	4	4	5	3	(4)	3	4	4	3
94 Current Income Tax Rate 95 Capital Lease Tax Expense 96 Total Income Tax Expense 97		29% - -	27% 1 (12)	25% 1 (30)	25% 1 (10)	25% 1 14	25% 1 14	25% 0 13	25% 0 12	25% 0 12	25% (0) 9	25% (0) 7	25% 1 2	25% 0 1	25% 0 1	25% 0 1	25% 0 1	25% (0) 1	25% (0) (1)	25% (0) 1	25% (0) 0	25% (1) 0	25% - 1
98 Customer Impact- Residential 99 (90 GJ annual use) 100 Approximate Annual Bill- Burner Tip Increase/(Decrease) %				-0.61%	0.00%	0.30%	0.31%	0.27%	0.21%	0.14%	0.07%	-0.15%	-0.48%	-0.50%	-0.52%	-0.55%	-0.56%	-0.58%	-0.62%	-0.61%	-0.63%	-0.65%	-0.73%

1 (	Consolidated Project Discounted Cash Flow																							
2		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
3	Capital Spending- Hardware		(745)	(2,516)					(1,400)	(900)				(1,400)	(900)				(1,400)	(900)				(1,400)
4	Capital Spending- Software		(27,745)	(45,966)	(8,609)					-		(450)		-		-			(450)	-	-			-
5	Capital Spending- Buildings & Structures		(2,468)	(7,072)	(188)	-		-	-	-	-	(3,600)	-	-	-		-	-		(3,600)	-	-	-	
6	Capital Expenditure Cash Flow	S1, line 16	(30,957)	(55,553)	(8,797)	-	-	-	(1,400)	(900)	-	(4,050)	-	(1,400)	(900)	-	-	-	(1,850)	(4,500)	-	-	-	(1,400)
7																								
8	Revenue Requirement	line 33 + 50 + 67	-	3,754	(5,828)	4,514	3,341	3,688	2,882	1,432	213	(1,425)	(6,620)	(13,680)	(13,140)	(13,585)	(13,961)	(14,373)	(14,812)	(15,642)	(15,485)	(15,851)		(18,172)
9	Incremental O&M	line 34 + 51 + 68	(77)	(10,001)	18,285	19,015	18,756	17,479	17,212	17,385	17,536	17,692	17,847	18,003	18,162	18,325	18,493	18,667	18,852	19,045	19,250	19,469	19,706	19,962
10	Property Tax 1% in Lieu	line 35 + 52 + 69		-	-	(38)	58	(45)	(33)	(37)	(29)	(14)	(2)	14	66	137	131	136	140	144	148	156	155	159
11	Operating & Other Expense Cash Flow		(77)	(6,247)	12,457	23,491	22,156	21,121	20,061	18,780	17,720	16,252	11,224	4,337	5,088	4,877	4,663	4,430	4,180	3,547	3,913	3,775	3,526	1,949
12	Tax Expense Cash Flow	line 37 + 54 + 71	22	1,655	(3,114)	(5,873)	(5,539)	(5,280)	(5,015)		(4,430)	(4,063)	(2,806)	(1,084)	(1,272)	(1,219)	(1,166)	(1,107)	(1,045)	(887)	(978)	(944)	(882)	(487)
13	After Tax Operating & Other Expense Cash Flow		(55)	(4,591)	9,343	17,619	16,617	15,841	15,046	14,085	13,290	12,189	8,418	3,253	3,816	3,658	3,497	3,322	3,135	2,660	2,935	2,831	2,645	1,462
14																								
15	Terminal Value Cash Flow			-	-	-		-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-
16																								
17	Annual Cash Flow		(31,012)	(60,145)	546	17,619	16,617	15,841	13,646	13,185	13,290	8,139	8,418	1,853	2,916	3,658	3,497	3,322	1,285	(1,840)	2,935	2,831	2,645	62
18																								
19 A	Annual Discounted Cash Flow (mid year)		(30,157)	(54,881)	477	14,070	12,431	11,110	8,972	8,128	7,681	4,409	4,277	880	1,303	1,532	1,373	1,223	444	(595)	891	805	705	16
20																								
21	Total Project Discounted Cash Flow		(4,908)																					

		-																						
	Terasen Gas Inc.																							
23																								
24		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	Assumptions																							
	Tax Rate		28.50%	26.50%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
	Inflation		2.00%																					
28	Cost of Capital																							
29	Nominal WACC Pre-Tax		6.77%	7.40%	7.68%	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%
30	Nominal WACC Post-Tax		5.68%	6.23%	6.50%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%
31	Real WACC Pre-Tax		4.67%	5.30%	5.57%	5.68%	5.68%	5.68%	5.68%	5.68%	5.68%	5.68%	5.68%	5.68%	5.68%	5.68%	5.68%	5.68%	5.68%	5.68%	5.68%	5.68%	5.68%	5.68%
32			3.61%	4.14%	4.41%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%
33	CCA Rates																							
34	Hardware		30%																					
35	Software		100%																					
36	Meters		6%																					
37	Overhead Capitalized		4%																					
38	Overhead Capitalized UCC Addition Ratio		0.0% (	10/16)																				
39	Overhead Capitalized Rate		0%	,																				
40	Project Inservice Year		2011 & 2012																					
41	,																							
42	Discounted Cash Flow Analysis																							
43	,																							
44	Capital Spending- Hardware		(665)	(2.243)	-	-	-	-	(1,236)	(793)				(1,224)	(785)	-	-		(1,210)	(776)	-		-	(1,196)
45	Capital Spending- Software		(24,776)	(40,973)	(7.660)				(-,=,	(,		(395)		( -,== -,	(,				(389)	(,				(.,,
46	Capital Spending- Buildings & Structures		(2,204)	(6,303)	(167)							(3,160)							(000)	(3,104)				
47	Capital Expenditure Cash Flow	S3b, line 12 + 25 (2010 only)	(27,645)	(49,519)	(7,827)				(1,236)	(793)		(3,555)	-	(1,224)	(785)				(1,599)	(3,880)			-	(1,196)
48	Capital Experioliture Casif i Tow	000, line 12 + 20 (2010 0mly)	(27,043)	(43,513)	(1,021)				(1,230)	(733)		(0,000)		(1,224)	(100)				(1,555)	(5,000)				(1,130)
49	Revenue Requirement	S5, line 14		3.748	(4.012)	4.570	2.538	2.889	2,216	979	(49)	(1.435)	(5.915)	(12,105)	(11.470)	(11.830)	(12,123)	(12,447)	(12,783)	(13,473)	(13,256)	(13,599)	(13.973)	(15,503)
50	Incremental O&M	S5, line 14 S5. line 4 + 5	(68)	(8.914)	16.269	16.887	16.626	15.465	15,199	15.321	15.423	15.528	15.631	15.734	15.839	15.946	16.056	16,171	16.293	16.422	16,559	16,707	16.869	17.047
51	Property Tax 1% in Lieu	S5, line 9	(00)	(0,914)	10,209	(37)	40	(46)	(25)	(29)	(22)	(10)	15,031	15,734	59	121	115	118	121	124	128	135	133	136
52	Operating & Other Expense Cash Flow	SS, line 9	(68)	(5.166)	12.257	21,420	19.204	18.309	17,390	16.272	15,352	14.083	9.717	3.643	4.427	4.237	4.048	3.843	3,631	3.073	3,431	3.243	3.028	1.679
53	Tax Expense Cash Flow	line 36 x line 26	19	1.369	(3.064)	(5.355)	(4.801)	(4.577)	(4.347)	(4.068)	(3,838)	(3.521)	(2.429)	(911)	(1.107)	(1.059)	(1.012)	(961)	(908)	(768)	(858)	(811)	(757)	(420)
	After Tax Operating & Other Expense Cash Flow	line 36 x line 26		(3.797)	9,193	16.065	14,403	13,731	13.042	12.204	11.514	10.562	7.288	2,732	3.321	3,178	3.036	2.882	2,723	2,304	2,573	2,432	2,271	1.259
54	After Tax Operating & Other Expense Cash Flow		(49)	(3,797)	9,193	16,065	14,403	13,731	13,042	12,204	11,514	10,562	7,288	2,732	3,321	3,178	3,036	2,882	2,723	2,304	2,5/3	2,432	2,271	1,259
55																								
56	Terminal Value Cash Flow		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-		-	-
57																								
58	Annual Cash Flow		(27,694)	(53,316)	1,366	16,065	14,403	13,731	11,806	11,410	11,514	7,007	7,288	1,509	2,536	3,178	3,036	2,882	1,124	(1,576)	2,573	2,432	2,271	64
59																								
60	Annual Discounted Cash Flow (mid year)		(26,939)	(48,698)	1,167	12,852	10,811	9,670	7,800	7,073	6,697	3,824	3,731	725	1,143	1,344	1,204	1,073	393	(516)	791	701	615	16
61																								
62	Total Project Discounted Cash Flow		(4,524)																					

63 <u>T</u>	erasen Gas (Vancouver Island) Inc.																							
64																								
65		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	Assumptions																							
	Tax Rate		28.50%	26.50%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
68	Inflation		2.00%																					
	Cost of Capital																							
70	Nominal WACC Pre-Tax		7.42%	8.00%	8.26%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%
71	Nominal WACC Post-Tax		6.35%	6.85%	7.11%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%
72	Real WACC Pre-Tax		5.31%	5.89%	6.14%	6.24%	6.24%	6.24%	6.24%	6.24%	6.24%	6.24%	6.24%	6.24%	6.24%	6.24%	6.24%	6.24%	6.24%	6.24%	6.24%	6.24%	6.24%	6.24%
73	Real WACC Post-Tax		4.26%	4.76%	5.01%	5.09%	5.09%	5.09%	5.09%	5.09%	5.09%	5.09%	5.09%	5.09%	5.09%	5.09%	5.09%	5.09%	5.09%	5.09%	5.09%	5.09%	5.09%	5.09%
74																								
75 <b>C</b>	Discounted Cash Flow Analysis																							
76																								
77	Capital Spending- Hardware		(78)	(267)	-	-	-	-	(160)	(104)	-	-	-	(173)	(113)	-	-	-	(186)	(121)	-	-	-	(201)
78	Capital Spending- Software		(2,895)	(4,870)	(926)	-	-	-			-	(54)	-	-	-	-	-	-	(60)	-	-	-	-	
79	Capital Spending- Buildings & Structures		(258)	(749)	(20)	-		-	-	-	-	(431)	-	-	-		-	-	-	(486)	-	-	-	-
80	Capital Expenditure Cash Flow	S3b, line 224 + 237 (2010 only)	(3,230)	(5,886)	(946)	-		-	(160)	(104)	-	(484)	-	(173)	(113)		-	-	(246)	(607)	-	-	-	(201)
81		,	(-,,	(-,,	(,				, ,	( - )		( - ,		,	,				,	(,				( - /
82	Revenue Requirement	S5. line 47		5	(1,772)	(56)	781	777	647	438	252	5	(695)	(1,541)	(1,634)	(1,718)	(1,800)	(1,887)	(1,987)	(2,125)	(2,186)	(2,207)	(2,315)	(2,617)
83	Incremental O&M	S5. line 37 + 38	(8)	(1,060)	1.967	2.077	2,080	1.966	1,966	2,017	2.065	2,116	2.167	2,219	2.273	2,328	2.386	2,445	2,506	2.570	2.637	2,707	2,781	2,859
84	Property Tax 1% in Lieu	S5. line 42	-	,	-	(0)	18	1	(8)	(8)	(6)	(4)	(3)	(0)	7	15	16	17	18	19	20	21	22	22
85	Operating & Other Expense Cash Flow	-	(8)	(1,054)	195	2,021	2,879	2.744	2,606	2.447	2,311	2,117	1,469	678	646	626	602	575	537	464	470	521	488	264
86	Tax Expense Cash Flow	line 53 x line 43	2	279	(49)	(505)	(720)	(686)	(651)	(612)	(578)	(529)	(367)	(170)	(162)	(156)	(150)	(144)	(134)	(116)	(118)	(130)	(122)	(66)
87	After Tax Operating & Other Expense Cash Flow	-	(6)	(775)	146	1,516	2.159	2.058	1,954	1.835	1.733	1.587	1,102	509	485	469	451	431	403	348	353	391	366	198
88			(-)	,		,	,	,	,	,	,	,	, ,											
89	Terminal Value Cash Flow											-				-					-			
90																								
91	Annual Cash Flow	-	(3,236)	(6,661)	(800)	1.516	2.159	2.058	1.794	1.731	1,733	1.103	1.102	336	372	469	451	431	157	(259)	353	391	366	(3)
92		=	(0)200)	(0,00.7)	(000)	1,010	-,	_,,,,,,	.,	.,	.,	.,	-,,							(===)				(-/
93	Annual Discounted Cash Flow (mid year)		(3.138)	(6,031)	(674)	1.189	1.580	1.405	1.143	1.028	961	570	532	151	156	184	165	147	50	(77)	98	101	88	(1)
94	Annual Discounted Cash Flow (Illid year)		(3,136)	(0,031)	(374)	1,109	1,300	1,400	1,143	1,020	301	370	332	131	130	104	100	147	30	(11)	30	101	00	(1)
05	Total Project Discounted Cash Flow	ı	(372)																					
95	Total Floject Discounted Cash Flow	L	(372)																					

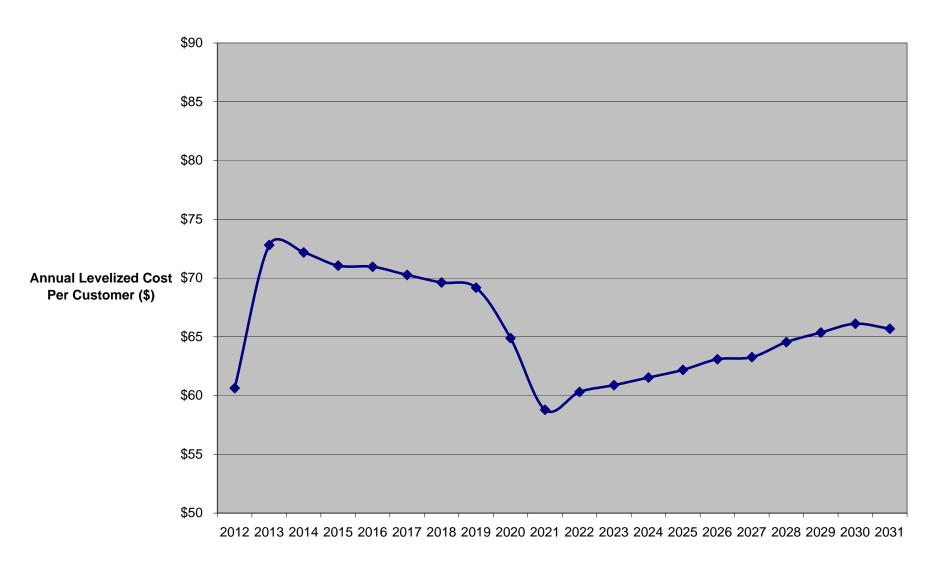
		-													-									
96 <u>1</u>	erasen Gas (Whistler) Inc.																							
98		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
99 4	Assumptions	<u></u>																						
	Tax Rate		28.50%	26.50%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
	Inflation		2.00%																					
102	Cost of Capital																							
103	Nominal WACC Pre-Tax		7.34%	7.92%	8.18%	8.28%	8.28%	8.28%	8.28%	8.28%	8.28%	8.28%	8.28%	8.28%	8.28%	8.28%	8.28%	8.28%	8.28%	8.28%	8.28%	8.28%	8.28%	8.28%
104	Nominal WACC Post-Tax		6.27%	6.77%	7.03%	7.11%	7.11%	7.11%	7.11%	7.11%	7.11%	7.11%	7.11%	7.11%	7.11%	7.11%	7.11%	7.11%	7.11%	7.11%	7.11%	7.11%	7.11%	7.11%
105	Real WACC Pre-Tax		5.23%	5.81%	6.06%	6.16%	6.16%	6.16%	6.16%	6.16%	6.16%	6.16%	6.16%	6.16%	6.16%	6.16%	6.16%	6.16%	6.16%	6.16%	6.16%	6.16%	6.16%	6.16%
106	Real WACC Post-Tax		4.19%	4.68%	4.93%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%
107																								
108 L	Discounted Cash Flow Analysis																							
109	,																							
110	Capital Spending- Hardware		(2)	(7)	-	-	-	-	(4)	(2)	-		-	(4)	(2)		-	-	(4)	(3)		-	-	(4)
111	Capital Spending- Software		(74)	(123)	(23)	-	-	-	-	-	-	(1)	-	-			-	-	(1)	-		-	-	-
112	Capital Spending- Buildings & Structures		(7)	(19)	(1)							(10)							- '-	(10)				-
113	Capital Expenditure Cash Flow	S3b, line 436 + 449 (2010 only)	(82)	(148)	(24)				(4)	(2)		(11)		(4)	(2)				(5)	(13)				(4)
114		,	(- /	,	, ,				. ,	. ,		` '		. ,	. ,				(-)	, ,				. ,
115	Revenue Requirement	S5, line 81	-	0	(44)	(0)	21	22	19	14	10	5	(11)	(34)	(36)	(37)	(38)	(40)	(41)	(44)	(43)	(44)	(46)	(51)
116	Incremental O&M	S5, line 71 + 72	(0)	(27)	49	51	50	47	46	47	48	48	49	49	50	51	51	52	53	53	54	55	56	57
117	Property Tax 1% in Lieu	S5, line 76		` -	-	(0)	0	0	(0)	(0)	(0)	(0)	(0)	(0)	0	0	0	0	0	0	0	0	0	0
118	Operating & Other Expense Cash Flow		(0)	(27)	5	51	72	69	65	61	58	53	38	15	15	14	13	13	12	10	12	11	10	6
119	Tax Expense Cash Flow	line 70 x line 60	0	7	(1)	(13)	(18)	(17)	(16)	(15)	(14)	(13)	(9)	(4)	(4)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(1)
120 121	After Tax Operating & Other Expense Cash Flow		(0)	(20)	4	38	54	52	49	46	43	40	28	12	11	10	10	10	9	8	9	8	8	4
122	Terminal Value Cash Flow				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
123																								
124	Annual Cash Flow		(83)	(168)	(20)	38	54	52	45	43	43	29	28	8	8	10	10	10	4	(5)	9	8	8	0
125																								
126	Annual Discounted Cash Flow (mid year)		(80)	(152)	(16)	30	40	35	29	26	24	15	14	4	4	4	4	3	1	(2)	2	2	2	0
127																								
128	Total Project Discounted Cash Flow		(12)																					

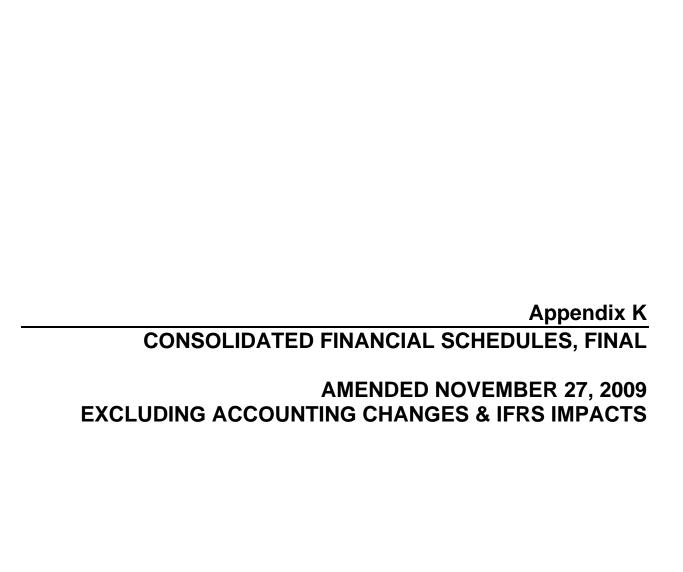
S7 - Cost Per Customer

## Financial Schedule 7 Customer Care Enhancement Project- FINAL (November 27, 2009) Cost Per Customer Analysis

Gas Segment	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Customer Care Costs (\$000's) CCE Customer Care O&M	S2, line 6		-	44,534	45,835	47,369	48,954	50,601	51,849	52,929	54,629	55,910	57,084	58,574	60,085	61,610	63,199	65,108	66,609	68,364	70,144	71,971	73
CCE other Cost of Service TGVI Banner to Energy Conversion	line 17 + 28 +40 line 29	1,367	3,754 1,290	12,457 1,202	23,529 1,132	22,098 1,061	21,166 11	20,094	18,817	17,749	16,266	11,226	4,323	5,022	4,740	4,532	4,294	4,040	3,403	3,765	3,618	3,371	
Total Customer Care Costs	_	1,367	5,043	58,193	70,496	70,528	70,132	70,695	70,666	70,678	70,896	67,137	61,407	63,596	64,825	66,142	67,493	69,148	70,013	72,129	73,762	75,342	7:
Average Customers		943,278	951,379	959,757	968,338	977,113	987,030	996,311	1,005,709	1,015,228	1,024,868	1,034,633	1,044,524	1,054,543	1,064,694	1,074,979	1,085,399	1,095,957	1,106,657	1,117,500	1,128,490	1,139,628	1,15
Cost Per Customer	\$	1.45 \$	5.30 \$	60.63	72.80	\$ 72.18	71.05	\$ 70.96	\$ 70.26 \$	69.62	69.18 \$	64.89	\$ 58.79	\$ 60.31	\$ 60.89	\$ 61.53	62.18	\$ 63.09	\$ 63.26	\$ 64.55	\$ 65.36	\$ 66.11	\$
TGI																							
TGI Customer Care Costs (\$000's) TGI CCE Customer Care O&M TGI CCE other Cost of Service TGI Total Customer Care Costs	\$5, line 4 \$5, line 14 - (\$5, line 4 + \$5, line 5)	-	3,748 3,748	39,624 12,257 51,881	40,706 21,457 62,163	41,989 19,164 61,153	43,316 18,354 61,670	44,684 17,415 62,099	45,695 16,300 61,995	46,551 15,374 61,926	47,947 14,092 62,039	48,969 9,716 58,685	49,890 3,629 53,519	51,081 4,368 55,450	52,284 4,116 56,400	53,492 3,933 57,425	54,747 3,724 58,471	56,271 3,510 59,781	57,435 2,948 60,383	58,808 3,303 62,111	60,194 3,108 63,302	61,611 2,896 64,507	6
TGI Average Customers		842,337	848,033	853,935	859,977	866,135	873,338	879,808	886,327	892,893	899,508	906,173	912,886	919,649	926,463	933,327	940,241	947,207	954,225	961,294	968,416	975,591	98
TGI Cost Per Customer	s	s	4.42 \$		72.28	\$ 70.60	5 70.61 5	\$ 70.58	s 69.95 S	69.35	68.97 S	64.76	\$ 58.63	60.29	\$ 60.88						\$ 65.37		
TGVI	·	•	•																		•		•
TGVI Customer Care Costs (\$000's)																							
TGVI Customer Care Costs (\$000's) TGVI CCE Customer Care O&M TGVI CCE other Cost of Service	S5, line 37 S5, line 47 - (S5, line 37 + S5, line 38)		- 5	4,791 195	5,006 2,021	5,253 2,861	5,507 2,743	5,780 2,614	6,014 2,455	6,234 2,317	6,533 2,121	6,789 1,472	7,037 678	7,331 639	7,635 610	7,947 585	8,276 557	8,655 519	8,988 445	9,364 451	9,752 500	10,156 466	1
TGVI Banner to Energy Conversion	35, III e 47 - (35, III e 37 + 35, III e 36)	1,367	1,290	1,202	1,132	1,061	11			-	-		-	-	-	-		-		-	-	-	
TGVI Total Customer Care Costs		1,367	1,295	6,188	8,160	9,176	8,262	8,394	8,469	8,551	8,654	8,261	7,716	7,971	8,245	8,533	8,833	9,174	9,433	9,814	10,252	10,621	
TGVI Average Customers		98,430	100,805	103,258	105,770	108,356	111,036	113,812	116,657	119,573	122,563	125,627	128,768	131,987	135,286	138,669	142,135	145,689	149,331	153,064	156,891	160,813	1 i
TGVI Cost Per Customer	\$	13.89 \$	12.85 \$	59.93	77.15	\$ 84.68	\$ 74.41 \$	\$ 73.75	\$ 72.60 \$	71.51	70.61 \$	65.76	\$ 59.92	60.39	\$ 60.95	\$ 61.53	62.15	\$ 62.97	\$ 63.17	\$ 64.12	\$ 65.34	\$ 66.05	\$
rgw																							
TGW Customer Care Costs (\$000's) TGW CCE Customer Care O&M	S5. line 71		_	119	123	127	132	137	141	144	149	153	157	161	166	171	176	182	187	192	198	204	
TGW CCE other Cost of Service TGW Total Customer Care Costs	S5, line 81 - (S5, line 71 + S5, line 72)		0	5 124	51 173	72 199	69 200	65 202	61 202	58 202	53 202	38 191	15 172	14 176	14 180	13 184	12 188	11 193	10 196	11 203	11 208	10 213	
TGW Average Customers		2,511	2,541	2,564	2.591	2,622	2,656	2 691	2,726	2,761	2,797	2,833	2 870	2.907	2 945	2 984	3,022	3,062	3 101	3 142	3 183	3,224	
TGW Cost Per Customer	s											67.47	_,		_,	_,			-,	-,	-,		
	•		0.02 \$	40.47	00.09	\$ 75.65	75.40	75.11	\$ 74.07 \$	73.00	12.20 \$	67.47	\$ 60.04	00.51	\$ 61.06	\$ 61.67	02.30	\$ 65.14	\$ 65.55	\$ 04.76	\$ 65.46	\$ 66.21	•
Notes:																							
Other Cost of Service amounts equal to total cos	t of service as shown on subsequent Reve	nue Requirement s	schedule (S5) le	ss O&M (net of	CCE customer	care and avoid	ed costs)																
Levelized Cost Per Customer Calculation				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
Discount Rate (TGI) (Nominal After Tax WACC)				6.50%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	
Average Customers				959,757	968,338	977,113	987,030	996,311	1,005,709	1,015,228	1,024,868	1,034,633	1,044,524	1,054,543	1,064,694	1,074,979	1,085,399	1,095,957	1,106,657	1,117,500	1,128,490	1,139,628	1,1
Discounted Average Customers				901,183	852,404	806,998	764,835	724,339	686,007	649,724	615,379	582,868	552,092	522,959	495,378	469,268	444,550	421,147	398,991	378,013	358,151	339,344	32
CCE Total Customer Care Costs Discount Rate	line 7 x 1000 S6, line 29			58,193,222 6,50%	70,496,465 6.58%	70,527,701 6.58%	70,132,170 6.58%	70,695,249 6.58%	70,666,143 6.58%	70,678,402 6.58%	70,895,507 6.58%	67,136,649 6.58%	61,406,760 6.58%	63,596,035 6.58%	64,824,632 6.58%	66,141,826 6.58%	67,492,663 6.58%	69,147,987 6.58%	70,012,571 6.58%	72,129,197 6.58%		75,342,090 6.58%	75,6
Discounted Costs	30, III le 29			54,641,736	62,056,323	58,248,906	54,344,384	51,396,906	48,202,269	45,232,664	42,569,006	37,821,940	32,457,097	31,537,908	30,161,453	28,873,386	27,643,145	26,571,727	25,242,107	24,398,888	23,410,067	22,434,443	21,1
Annual Levelized Cost Per Customer			\$	60.63	72.80	\$ 72.18	\$ 71.05 \$	\$ 70.96	\$ 70.26 \$	69.62	69.18 \$	64.89	\$ 58.79	\$ 60.31	\$ 60.89	\$ 61.53	62.18	\$ 63.09	\$ 63.26	\$ 64.55	\$ 65.36	\$ 66.11	\$
Levelized Cost per Customer- CCE CPCN	748.365.285 C	osts																					
	11,285,168 C	ustomers ost/Customer (\$)																					
	00.31	oaccustomer (4)																					
Existing Customer Care Contract				62,895,963	65,503,539	66,750,508	67,018,528	68,376,757	69,766,031	70,965,666	72,789,021	74,194,145	75,063,033	76,714,241	78,385,888	80,081,489	81,846,735	83,942,334	85,639,182	87,600,751	89,601,928	91,667,270	93,7
Discount Rate Discounted Costs	S6, line 29			6.50% 59,057,473	6.58% 57.661.171	6.58% 55,129,318	6.58% 51,931,669	6.58% 49,711,314	6.58% 47,588,291	6.58% 45,416,506	6.58% 43,705,960	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58% 28,437,122	6.58%	26.1
Annual Levelized Cost Per Customer			\$				\$ 67.90		\$ 69.37 \$				\$ 71.86								\$ 79.40		
Levelized Cost per Customer- Existing Contract	809,363,768 C	osts																					
	11,285,168 C	ustomore																					

# **Customer Care Enhancement Project Annual Levelized Cost of Service Per Customer**





S1 - Project Costs
Attachment 7.1c

Financial Schedule 1

Customer Care Enhancement Project- Consolidated FINAL (November 27, 2009)

Estimated Project Implementation Costs in \$000s

TGI Component	Reference	Total	2009	2010	2011	2012
Capital - CIS Implementation						
1 Consulting		32,014	862	12,856	15,039	3,257
2 Internal Labour		6,543	-	2,453	3,444	646
3 Expenses		9,145	-	1,283	6,350	1,512
4 Software		5,183	-	4,841	342	-
5 Hardware	_	996	<u>-</u>	731	265	<u>-</u>
6 Subtotal		53,882	862	22,164	25,440	5,415
Capital - Services Insourcing						
7 Consulting		25,972	770	3,564	18,256	3,382
8 Internal Labour		4,209	-	1,622	2,587	-
9 Facilities		7,821	-	1,207	6,614	-
10 Expenses		163	163	-	-	-
11 Software		997	-	591	406	-
12 <u>Hardware</u>	_	2,265	<u>-</u>	14	2,251	<u> </u>
13 Subtotal		41,427	933	6,998	30,114	3,382
Total Plant Additions						
14 CIS		53,882	862	22,164	25,440	5,415
15 Service Insourcing		41,427	933	6,998	30,114	3,382
16 Subtotal		95,309	1,795	29,162	55,554	8,797
17 AFUDC		3,165	-	915	2,250	-
18 Total Plant Additions	x-ref S3b, (2010 column, lines 25 + 237 + 449) + lines 37 + 249 + 461	98,474	1,795	30,077	57,804	8,797
Deferred O&M						
19 Internal Labour		9,210	-	77	9,133	-
20 Expenses	_	867	<u> </u>	<u> </u>	867	<u>-</u>
21 Subtotal	x-ref S3b, lines 203 + 415 + 627	10,077	-	77	10,000	-
22 AFUDC	x-ref S3b, lines 207 + 419 + 631	316	-	2	314	0
23 Total Deferred O&M		10,393	-	79	10,314	-
24 Capital Lease		6,677	50	104	6,523	
25 Total		115,544	1,845	30,260	74,642	8,797

S2 - Customer Care New O&M

Attachment 7.1c

Financial Schedule 2 Customer Care Enhancement Project- Consolidated FINAL (November 27, 2009) Estimated Customer Care O&M Costs in \$000s, Except Cost /Customer Amounts

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Labour     Outsourced Services     Technology Support     Facilities Support     Expenses				20,289 20,309 1,479 3,189 970	20,343 21,480 1,464 3,253 998	21,218 22,069 1,448 3,318 1,018	22,132 22,669 1,433 3,384 1,038	23,088 23,287 1,418 3,452 1,059	23,628 23,921 1,402 3,521 1,080	24,180 24,351 1,407 3,591 1,102	24,746 25,386 1,412 3,663 1,124	25,326 25,987 1,417 3,736 1,146	25,920 26,464 1,422 3,811 1,169	26,529 27,241 1,427 3,887 1,193	27,152 28,021 1,432 3,965 1,217	27,791 28,799 1,438 4,044 1,241	28,445 29,622 1,443 4,125 1,266	29,116 30,748 1,448 4,208 1,291	29,802 31,447 1,454 4,292 1,317	30,506 32,380 1,459 4,378 1,343	31,227 33,319 1,465 4,465 1,370	31,966 34,285 1,470 4,554 1,397	32,723 35,243 1,476 4,646 1,425
6 Total				46,237	47,538	49,071	50,657	52,303	53,552	54,632	56,332	57,613	58,786	60,276	61,787	63,313	64,901	66,810	68,312	70,066	71,846	73,673	75,513
7 Ave Customers 8 Cost /Customer				959,757 48.18	968,338 49.09	977,113 50.22	986,272 51.36	995,548 52.54	1,004,941 53.29	1,014,455 53.85	1,024,090 55.01	1,033,849 55.73	1,043,735 56.32	1,053,749 57.20	1,063,895 58.08	1,074,174 58.94	1,084,589 59.84	1,095,142 61.01	1,105,836 61.77	1,116,674 62.75	1,127,658 63.71	1,138,791 64.69	1,150,075 65.66

\*Note- Total costs include annual lease payment of \$1.7 million; the revenue requirement includes this as a capital lease and therefore it is accounted for through depreciation, tax and earned return.

S3a - Rate Base- Summary Attachment 7.1c

## Financial Schedule 3a

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Consolidated	Kelerence	2010	2011	2012	2010	2014	2010	2010	2017	2010	2013	2020	2021	ZUZZ	2020	2024	2020	2020	ZUZI	2020	2023	2000	2001
Opening Gas Plant In Service		-	-	38,293	98,474	98,474	98,474	98,474	97,609	97,437	97,437	73,442	14,332	14,332	14,332	14,332	14,332	14,332	14,782	14,332	14,332	14,332	14,332
2 Additions		-	38,293	60,181	-	-	-	1,400	900	-	4,050	(50.440)	1,400	900	-	-	-	1,850	4,500	-	-	-	1,400
3 Retirements 4 Closing Gas Plant In Service			38,293	98,474	98.474	98.474	98.474	(2,265) 97,609	(1,071) 97,437	97.437	(28,045) 73,442	(59,110) 14,332	(1,400) 14,332	(900) 14,332	14,332	14.332	14.332	(1,400) 14,782	(4,950) 14,332	14.332	14,332	14,332	(1,400)
4 Closing Gas Plant in Service		-	38,293	98,474	98,474	98,474	98,474	97,609	97,437	97,437	73,442	14,332	14,332	14,332	14,332	14,332	14,332	14,782	14,332	14,332	14,332	14,332	14,332
6 Opening Accumulated Depreciation		-	-	-	(4,070)	(15,743)	(27,417)	(39,090)	(48,498)	(58,927)	(70,393)	(53,813)	(3,170)	(2,848)	(3,026)	(4,104)	(5,182)	(6,259)	(5,937)	(2,121)	(3,199)	(4,277)	(5,355)
7 Depreciation		-	-	(4,070)	(11,673)	(11,673)	(11,673)	(11,673)	(11,500)	(11,466)	(11,466)	(8,467)	(1,078)	(1,078)	(1,078)	(1,078)	(1,078)	(1,078)	(1,134)	(1,078)	(1,078)	(1,078)	(1,078)
8 Retirements			-	-	-	-	-	2,265	1,071	-	28,045	59,110	1,400	900	-	-	-	1,400	4,950	-	-	-	1,400
9 Closing Accumulated Depreciation		-	-	(4,070)	(15,743)	(27,417)	(39,090)	(48,498)	(58,927)	(70,393)	(53,813)	(3,170)	(2,848)	(3,026)	(4,104)	(5,182)	(6,259)	(5,937)	(2,121)	(3,199)	(4,277)	(5,355)	(5,032)
11 Opening Contributions in Aid of Construction			_	(3,171)	(12,253)	(18,499)	(18,499)	(18,499)	(18,499)	(18,499)	(18,499)	(15,772)	(6,740)	(494)	(494)	(494)	(494)	(494)	(542)	(535)	(485)	(485)	(485)
12 Additions		-	(3,171)	(9,081)	(6,247)		-	-	-	-	(444)	(49)	-	/	/		-	(49)	(437)	-	-	-	,
13 Retirements		-	-			-	-	-	-	-	3,171	9,081	6,247	-	-	-	-	` -	444	49	-	-	-
14 Closing Contributions in Aid of Construction		-	(3,171)	(12,253)	(18,499)	(18,499)	(18,499)	(18,499)	(18,499)	(18,499)	(15,772)	(6,740)	(494)	(494)	(494)	(494)	(494)	(542)	(535)	(485)	(485)	(485)	(485)
15																							
16 Opening Amortization of Contributions in Aid of Construction		-	-	-	396	1,928	4,240	6,553	8,865	11,178	13,490	12,631	5,521	117	179	241	302	364	426	49	67	127	188
17 Amortization 18 Retirements		-	-	396	1,532	2.312	2,312	2.312	2,312	2,312	(3,171)	(9,081) 1,972	(6,247) 843	-	-	-	62	62	(444) 68	(49) 67	61	61	-
18 Retirements 19 Closing Amortization of Contributions in Aid of Construction				396	1,532	4,240	6,553	8,865	11.178	13,490	2,312 12.631	5,521	117	62 179	62 241	62 302	364	426	49	67	127	188	61 249
20		-	-	390	1,920	4,240	0,555	0,000	11,170	13,490	12,031	5,521	117	179	241	302	304	420	49	67	127	100	249
21 Opening Net Plant In Service		-	-	35,121	82,547	66,159	56,798	47,437	39,477	31,189	22,035	16,487	9,943	11,108	10,992	9,976	8,960	7,943	8,729	11,726	10,715	9,698	8,681
22 Closing Net Plant In Service		-	35,121	82,547	66,159	56,798	47,437	39,477	31,189	22,035	16,487	9,943	11,108	10,992	9,976	8,960	7,943	8,729	11,726	10,715	9,698	8,681	9,063
23																							
24 Mid Year Net Plant in Service 25	(line 21 + line 22)/2	-	17,561	58,834	74,353	61,478	52,118	43,457	35,333	26,612	19,261	13,215	10,525	11,050	10,484	9,468	8,452	8,336	10,227	11,220	10,206	9,189	8,872
26 Opening Deferred Charges		_	57	7,720	6,755	5.790	4,825	3.860	2,895	1,930	965	_	_	_	_		_	_		_		_	_
27 Additions		57	7.663		-	-	.,020	-	2,000	-,000	-	_	_	_	-	_	_	_	_	_	_	-	_
28 Amortization		-	- ,,	(965)	(965)	(965)	(965)	(965)	(965)	(965)	(965)	_	-	_	_	-	_	_	-	_	-	-	-
29 Closing Deferred Charges		57	7,720	6,755	5,790	4,825	3,860	2,895	1,930	965	-	-	-	-	-	-		-	-	-	-	-	
30																							
31 Mid Year Deferred Charges		-	-	7,238	6,273	5,308	4,343	3,378	2,413	1,448	483	-	-	-	-	-	-	-	-	-	-	-	-
32 Capital Lease Rate Base		-	15,834	14,167	12,500	10,834	9,167	7,500	5,834	4,167	2,500	833	15,834	14,167	12,500	10,834	9,167	7,500	5,834	4,167	2,500	833	-
33 13 Month Adjustment (row 211, S3b)		-	-	(6,256)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34 35 Total Rate Base			33,395	73,983	93,126	77,620	65,627	54.335	43,579	32,226	22,244	14,049	26,359	25,217	22,984	20,301	17,618	15,836	16,061	15,387	12,706	10,022	8,872
30 I Viai nate Dase			১১,১৬১	13,903	93,120	11,020	00,027	54,335	43,379	32,220	22,244	14,049	20,309	20,217	22,904	20,301	17,016	10,030	10,001	10,301	12,700	10,022	0,012

Financial Schedule 3b

### Customer Care Enhancement Project- Consolidated FINAL (November 27, 2009)

Rate Base Detail in \$000s

\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Consolidated		1																					
1 Capital Spending																							
2 Hardware		745	2,516	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 Software 4 Land		5,432	748 731				-		-	-	-	-		-			-				-		-
5 Buildings		1,207	5,883	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
6 Vendor Fees		16,509	23,075	3,537	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7 Installer Fees 8 Internal Labour		1,195 2,741	16,569 4,933	1,232 646			-		-	-	-	-		-			-				-		-
9 Internal Materials		977	458	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 Training		357	641	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 Incremental O&M 12 Total Spend		29,163	55,553	5,415																			<del></del>
13		20,100	00,000	0,110																			
14 Opening WIP 15 Hardware		_	766	1,071																			
15 Hardware 16 Software			5,584	5,636						-	-			-	-			-			-	-	-
17 Land		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18 Buildings 19 Vendor Fees		121 1,511	1,368 18,565	32,042	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 Installer Fees		- 1,511	1,228	6,407	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21 Internal Labour		-	2,817	6,228	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22 Internal Materials 23 Training		163	1,177 367				-		-	-	-	-		-			-				- :		-
24 Incremental O&M			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25 Total Opening WIP		1,795	31,872	51,384	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26 Additions 27 Hardware		766	2,571	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28 Software		5,584	1,066	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29 Land 30 Buildings		1,247	731 5,883	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31 Vendor Fees		17,054	24,462	3,537	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32 Installer Fees		1,228	16,798	1,232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33 Internal Labour 34 Internal Materials		2,817 1,014	5,195 458	646	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-
35 Training		367	641	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36 Incremental O&M		-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37 Total Additions 38 In-service		30,077	57,804	5,415	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	•
39 Hardware		-	(2,265)	(1,071)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40 Software 41 Land		-	(1,014) (731)	(5,636)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42 Buildings			(7,251)							-	-			-	-			-			-	-	-
43 Vendor Fees		-	(10,985)	(35,579)	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
<ul><li>Installer Fees</li><li>Internal Labour</li></ul>		-	(11,620) (1,784)	(7,639) (6,873)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46 Internal Materials			(1,734)	(0,073)			-				-	-	-		-		-						-
47 Training		-	(1,008)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48 Incremental O&M 49 Total In-service			(38,293)	(56,799)	-	-							-				-	-				-	<del></del>
50 Closing WIP				(==,:==)																			
51 Hardware 52 Software		766 5,584	1,071 5,636	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
53 Land		-	- 5,030	-			-				-	-			-	-					-		-
54 Buildings		1,368		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
55 Vendor Fees 56 Installer Fees		18,565 1,228	32,042 6,407	-		-	-	-	-	-	-	-		-	-		-			-	-		-
57 Internal Labour		2,817	6,228	-		-	-	-	-	-	-	-		-	-	-	-	-	-	-	-		-
58 Internal Materials 59 Training		1,177 367	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60 Incremental O&M		307		-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-	
61 Consolidated Total Closing WIP		31,872	51,384	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
62 63 Recurring Plant Additions																							
64 Hardware		-	-	-	-	-	-	1,400	900	-	-	-	1,400	900	-	-	-	1,400	900	-	-	-	1,400
65 Software		-	-	-	-	-	-	-	-	-	450	-	-	-	-	-	-	450	-	-	-	-	-
66 Land 67 Buildings				-			-			-	-	-	-	-	-					-	-		
68 Vendor Fees		-	-	275	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
69 Installer Fees 70 Internal Labour		-	-	2,880	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71 Internal Materials				188						-	3,600			-	-			-	3,600		-	-	-
72 Training		-	-	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
73 Capitalized Overhead 74 Total Recurring Plant Additions				3,382	-			1.400	900	-	4,050	-	1,400	900	-		-	1,850	4,500	-	-	-	1,400
75		-	-	5,562	-	-	-	1,400	300	-	7,030	-	1,400	300	-	-	-	1,000	7,300	-	-	-	1,400
76 Opening Plant Balance				0.00=	0.000	0.000	0.000	0.000	0 :=:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77 Hardware 78 Software		-	-	2,265 1,014	3,336 6,650	3,336 6,650	3,336 6,650	3,336 6,650	2,471 6,650	2,300 6,650	2,300 6,650	2,300 6,086	2,300 450	2,300 450	2,300 450	2,300 450	2,300 450	2,300 450	2,300 900	2,300 450	2,300 450	2,300 450	2,300 450
79 Land		-	-	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731
80 Buildings		-	-	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251
81 Vendor Fees 82 Installer Fees		-	-	10,985 11,620	46,839 22,138	35,854 10,519	-	-	-	-	-	-	-	-	-	-	-						
83 Internal Labour		-	-	1,784	8,658	8,658	8,658	8,658	8,658	8,658	8,658	6,873	-	-	-	-	-	-	-	-	-	-	-
84 Internal Materials		-	-	1,634	1,822	1,822	1,822	1,822	1,822	1,822	1,822	3,788	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,600

Customer Care Enhancement Project- Consolidated FINAL (November 27, 2009)
Rate Base Detail in \$000s
\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
85	Training	IXEICICIO	2010	-	1,008	1,047	1,047	1,047	1,047	1,047	1,047	1,047	39	-	-	-	-	-	-	-	-	-	-	-
86 87	Incremental O&M and Capitalized Overhead Total Opening Plant Balance			-	38.293	98,474	98,474	98.474	98,474	97.609	97.437	97.437	73,442	14.332	14.332	14.332	14.332	14.332	14.332	14.782	14.332	14.332	14.332	14,332
88	Total Opening Flant Balance		-	-	30,293	30,474	30,474	30,474	30,474	37,003	31,431	31,431	73,442	14,332	14,332	14,332	14,332	14,332	14,332	14,702	14,332	14,332	14,332	14,332
89	Additions			2.265	1.071				4 400	000				4 400	000				1.400	000				4 400
90 91	Hardware Software		-	1,014	1,071 5,636	-		-	1,400	900	-	450	-	1,400	900	-	-	-	1,400 450	900	-	-	-	1,400
92	Land		-	731	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
93	Buildings		-	7,251	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
94 95	Vendor Fees Installer Fees		-	10,985 11.620	35,854 10.519		-	-	-	-			-	-	-		-	-		-			-	
96	Internal Labour		-	1,784	6,873	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
97 98	Internal Materials Training		-	1,634 1,008	188 39	-	-	-	-	-	-	3,600	-	-	-	-	-	-	-	3,600	-	-	-	-
98	I raining Incremental O&M and Capitalized Overhead		-	1,008	39	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100	Total Additions		-	38,293	60,181	-	-	-	1,400	900	-	4,050	-	1,400	900	-	-	-	1,850	4,500	-	-	-	1,400
101 102	Retirements																							
102	Hardware		-	-		_			(2,265)	(1,071)		_		(1,400)	(900)				(1,400)	(900)		_		(1,400)
104	Software		-	-	-	-	-	-	-	-	-	(1,014)	(5,636)	-	-	-	-	-	-	(450)	-	-	-	-
105 106	Land Buildings		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
106	Vendor Fees		-	-	-		-	-	-	-	-	(10,985)	(35,854)	-	-	-	-	-	-	-	-	-	-	-
108	Installer Fees		-	-	-	-	-	-	-	-	-	(11,620)	(10,519)	-	-	-	-	-	-	-	-	-	-	-
109 110	Internal Labour Internal Materials		-	-	-	-	-	-	-	-	-	(1,784) (1,634)	(6,873) (188)	-	-	-	-	-	-	(3,600)	-	-	-	-
111	Training		-			- :	- :					(1,008)	(39)		-		- :			(3,000)				
112	Incremental O&M and Capitalized Overhead			-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
113 114	Total Retirements		-	-	-	-	-	-	(2,265)	(1,071)	-	(28,045)	(59,110)	(1,400)	(900)	-	-	-	(1,400)	(4,950)	-	-	-	(1,400)
115	Closing Plant Balance																							
116	Hardware		-	2,265	3,336	3,336	3,336	3,336	2,471	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300
117 118	Software Land		-	1,014 731	6,650 731	6,650 731	6,650 731	6,650 731	6,650 731	6,650 731	6,650 731	6,086 731	450 731	450 731	450 731	450 731	450 731	450 731	900 731	450 731	450 731	450 731	450 731	450 731
119	Buildings		-	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251
120	Vendor Fees		-	10,985	46,839	46,839	46,839	46,839	46,839	46,839	46,839	35,854	-	-	-	-	-	-	-	-	-	-	-	-
121 122	Installer Fees Internal Labour		-	11,620 1,784	22,138 8,658	22,138 8,658	22,138 8,658	22,138 8,658	22,138 8,658	22,138 8,658	22,138 8,658	10,519 6,873	-	-	-	-	-	-	-	-	-	-	-	-
123	Internal Materials		-	1,634	1,822	1,822	1,822	1,822	1,822	1,822	1,822	3,788	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,600
124	Training		-	1,008	1,047	1,047	1,047	1,047	1,047	1,047	1,047	39	-	-	-	-	-	-	-	-	-	-	-	-
125 126	Incremental O&M and Capitalized Overhead Total Closing Plant Balance			38.293	98,474	98,474	98,474	98,474	97,609	97,437	97,437	73,442	14,332	14,332	14,332	14,332	14,332	14,332	14,782	14,332	14,332	14,332	14,332	14,332
127	Total Glosing Flant Balance			30,233	30,414	30,474	30,474	30,474	37,003	31,431	31,401	10,442	14,002	14,552	14,002	14,002	14,002	14,002	14,702	14,002	14,002	14,552	14,002	14,002
128	Opening Accumulated Depreciation					(450)	(4.400)		(0.455)	(0.00)	(000)	(2.40)	// 000	(4.000)	(200)	(0.00)	(= 40)	(4.000)	(4.000)	(200)	(0.00)	(77.40)	(4.000)	// 000
129 130	Hardware Software		-	-	-	(453) (127)	(1,120) (958)	(1,787) (1,789)	(2,455) (2,621)	(857) (3,452)	(280) (4,283)	(740) (5,114)	(1,200) (4,932)	(1,660) (56)	(720) (113)	(280) (169)	(740) (225)	(1,200) (281)	(1,660) (338)	(720) (394)	(280) (56)	(740) (113)	(1,200) (169)	(1,660) (225)
131	Land		-	-	-	-	-	-	-	-	-	-	-	-	` -	-	-	` -	` -			-	-	-
132	Buildings		-	-	-	(112)	(223)	(335)	(446)	(558)	(669)	(781)	(892)	(1,004)	(1,116)	(1,227)	(1,339)	(1,450)	(1,562)	(1,673)	(1,785)	(1,897)	(2,008)	(2,120)
133 134	Vendor Fees Installer Fees		-	-		(1,373) (1,452)	(7,228) (4,220)	(13,083) (6,987)	(18,938) (9,754)	(24,793) (12,522)	(30,648) (15,289)	(36,503) (18,056)	(31,372) (9,204)	0	0	0	0	0	0	0	0	0	0	0
135	Internal Labour		-	-	-	(223)	(1,305)	(2,388)	(3,470)	(4,552)	(5,634)	(6,716)	(6,014)	0	0	0	0	ō	0	0	0	0	0	0
136	Internal Materials		-	-	-	(204)	(432)	(660)	(888)	(1,115)	(1,343)	(1,571)	(164)	(450)	(900)	(1,350)	(1,800)	(2,250)	(2,700)	(3,150)	(0)	(450)	(900)	(1,350)
137 138	Training Incremental O&M and Capitalized Overhead		-	-	-	(126)	(257)	(388)	(519)	(649)	(780)	(911)	(34)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
139	Total Consolidated Depreciation Expense		-	-	-	(4,070)	(15,743)	(27,417)	(39,090)	(48,498)	(58,927)	(70,393)	(53,813)	(3,170)	(2,848)	(3,026)	(4,104)	(5,182)	(6,259)	(5,937)	(2,121)	(3,199)	(4,277)	(5,355)
140 141	Datiramenta																							
142	Retirements Hardware		-	-		_			2,265	1,071		_		1,400	900				1.400	900		_		1,400
143	Software		-	-	-	-	-	-	-	-	-	1,014	5,636	-	-	-	-	-	-	450	-	-	-	-
144 145	Land Buildings		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
145	Vendor Fees		-	-	-		-	-	-	-	-	10,985	35,854	-	-	-	-	-	-	-	-	-	-	-
147	Installer Fees		-	-	-	-	-	-	-	-	-	11,620	10,519	-	-	-	-	-	-	-	-	-	-	-
148 149	Internal Labour Internal Materials		-	-	-	-	-	-	-	-	-	1,784 1,634	6,873 188	-	-	-	-	-	-	3,600	-	-	-	-
150	Training		-	-	-	-	-	-	-	-	-	1,008	39	-	-	-	-	-	-	-	-	-	-	-
151	Incremental O&M and Capitalized Overhead			-	-	-	-	-	-		-	-	-		-	-	-	-	-	-	-	-	-	4 400
152 153	Total Closing Accumulated Depreciation		-	-	-	-	-	-	2,265	1,071	-	28,045	59,110	1,400	900	-	-	-	1,400	4,950	-	-	-	1,400
154	Depreciation Expense																							
155	Hardware		-	-	(453)	(667)	(667)	(667)	(667)	(494)	(460)	(460)	(460)	(460)	(460)	(460)	(460)	(460)	(460)	(460)	(460)	(460)	(460)	(460)
156 157	Software Land		-	-	(127)	(831)	(831)	(831)	(831)	(831)	(831)	(831)	(761)	(56)	(56)	(56)	(56)	(56)	(56)	(113)	(56)	(56)	(56)	(56)
158	Buildings		-	-	(112)	(112)	(112)	(112)	(112)	(112)	(112)	(112)	(112)	(112)	(112)	(112)	(112)	(112)	(112)	(112)	(112)	(112)	(112)	(112)
159	Vendor Fees		-	-	(1,373)	(5,855)	(5,855)	(5,855)	(5,855)	(5,855)	(5,855)	(5,855)	(4,482)	o o	) O	o o	) O	o o	o o	o o	o o	) O	O O	O O
160 161	Installer Fees		-	-	(1,452) (223)	(2,767) (1,082)	(2,767) (1,082)	(2,767) (1,082)	(2,767) (1.082)	(2,767) (1,082)	(2,767) (1,082)	(2,767) (1,082)	(1,315) (859)	-	-	-	-	-	-	-	-	-	-	-
162	Internal Materials		-	-	(204)	(228)	(228)	(228)	(228)	(228)	(228)	(228)	(473)	(450)	(450)	(450)	(450)	(450)	(450)	(450)	(450)	(450)	(450)	(450)
163	Training		-	-	(126)	(131)	(131)	(131)	(131)	(131)	(131)	(131)	(5)	-	-	-		-	-				-	-
164 165	Incremental O&M and Capitalized Overhead Total Consolidated Depreciation Expense			-	(4,070)	(11,673)	(11,673)	(11,673)	(11,673)	(11,500)	(11,466)	(11,466)	(8,467)	(1,078)	(1,078)	(1,078)	(1,078)	(1,078)	(1,078)	(1,134)	(1,078)	(1,078)	(1,078)	(1,078)
166	Total Consolidated Depredation Expense		-	-	(4,070)	(11,073)	(11,073)	(11,073)	(11,073)	(11,500)	(11,400)	(11,400)	(0,407)	(1,070)	(1,070)	(1,070)	(1,070)	(1,070)	(1,070)	(1,134)	(1,070)	(1,070)	(1,070)	(1,070)
167	Closing Accumulated Depreciation																							
168 169	Hardware Software		-	-	(453) (127)	(1,120) (958)	(1,787) (1,789)	(2,455) (2,621)	(857) (3,452)	(280) (4,283)	(740) (5,114)	(1,200) (4,932)	(1,660) (56)	(720) (113)	(280) (169)	(740) (225)	(1,200) (281)	(1,660) (338)	(720) (394)	(280) (56)	(740) (113)	(1,200) (169)	(1,660) (225)	(720) (281)
170	Land		-	-	(121)	(330)	(1,709)	(2,021)	(3,432)	(4,203)	(3,114)	(4,332)	(36)	(113)	(109)	(223)	(201)	(336)	(334)	(30)	(113)	(109)	(223)	(201)
171	Buildings		-	-	(112)	(223)	(335)	(446)	(558)	(669)	(781)	(892)	(1,004)	(1,116)	(1,227)	(1,339)	(1,450)	(1,562)	(1,673)	(1,785)	(1,897)	(2,008)	(2,120)	(2,231)

S3b - Rate Base- Detail Attachment 7.1c

Customer Care Enhancement Project- Consolidated FINAL (November 27, 2009)
Rate Base Detail in \$000s

\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
172	Vendor Fees	2010		(1,373)	(7,228)	(13,083)	(18.938)	(24.793)	(30.648)	(36,503)	(31,372)	0	0	0	0	0	0	0	0	0	0	0	0
173	Installer Fees			(1,452)	(4,220)	(6,987)	(9,754)	(12,522)	(15,289)	(18,056)	(9,204)	0	0	0	0	0	0	0	0	0	0	0	0
174	Internal I abour	_	_	(223)	(1,305)	(2,388)	(3,470)	(4,552)	(5,634)	(6,716)	(6,014)	0	ň	n	0	0	ň	0	0	0	0	0	0
175	Internal Materials	_	_	(204)	(432)	(660)	(888)	(1,115)	(1,343)	(1,571)	(164)	(450)	(900)	(1,350)	(1,800)	(2,250)	(2.700)	(3,150)	(0)	(450)	(900)	(1,350)	(1,800)
176	Training	_	_	(126)	(257)	(388)	(519)	(649)	(780)	(911)	(34)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
177	Incremental O&M and Capitalized Overhead			(120)	(237)	(500)	(515)	(043)	(700)	(311)	(34)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
178	Total Closing Accumulated Depreciation		-	(4.070)	(15,743)	(27.417)	(39.090)	(48,498)	(58.927)	(70,393)	(53.813)	(3,170)	(2.848)	(3.026)	(4.104)	(5,182)	(6,259)	(5.937)	(2,121)	(3,199)	(4,277)	(5,355)	(5,032)
179				( ., ,	(,	(=-,,	(,)	(10,100)	(,,	(,)	(00,0.0)	(-,)	(=,)	(0,000)	( ., ,	(-,,	(=,===)	(0,00.)	(=, -= -,	(-,,	( -,= /	(-,)	(-,/
	Opening GPIS	-	_	38.293	98,474	98,474	98.474	98.474	97.609	97.437	97.437	73.442	14.332	14.332	14.332	14.332	14.332	14.332	14.782	14.332	14,332	14.332	14.332
181	Closing GPIS	_	38.293	98.474	98.474	98.474	98.474	97,609	97.437	97,437	73,442	14,332	14.332	14,332	14,332	14,332	14.332	14,782	14.332	14.332	14.332	14.332	14,332
182	Mid-Year GPIS	-	19,146	68,383	98,474	98,474	98,474	98.041	97.523	97,437	85,440	43,887	14.332	14,332	14,332	14,332	14.332	14,557	14.557	14.332	14.332	14.332	14.332
183			-,	,						. ,		-,		,	,	***		,	,	,	,	,	,
184	Opening Accumulated Depreciation	_	-	-	(4.070)	(15.743)	(27.417)	(39.090)	(48,498)	(58.927)	(70.393)	(53,813)	(3,170)	(2.848)	(3.026)	(4.104)	(5.182)	(6,259)	(5.937)	(2,121)	(3,199)	(4,277)	(5,355)
185	Closing Accumulated Depreciation	_	_	(4.070)	(15,743)	(27,417)	(39.090)	(48,498)	(58,927)	(70,393)	(53.813)	(3,170)	(2,848)	(3,026)	(4,104)	(5,182)	(6,259)	(5,937)	(2,121)	(3,199)	(4,277)	(5,355)	(5,032)
	Mid-Year Accumulated Depreciation	-	-	(2,035)	(9,907)	(21,580)	(33,253)	(43,794)	(53,712)	(64,660)	(62,103)	(28,492)	(3,009)	(2,937)	(3,565)	(4.643)	(5,720)	(6,098)	(4,029)	(2,660)	(3,738)	(4,816)	(5,194)
187	,			( ,,	(-,,	( ,,	(,	( -, - ,	(,	(- //	(- ,,	( -, - ,	(-,,	(	(-,,	( ,,	(-, -,	(-,,	( //	( ,,	(-,,	,	(-, - ,
188	Consolidated Mid-Year Net Plant in Service	-	19,146	66,348	88,567	76,894	65,220	54,247	43,811	32,778	23,337	15,395	11,323	11,395	10,768	9,690	8,612	8,459	10,528	11,672	10,594	9,517	9,139
189																							
190	Consolidated Software CIAOC Opening Balance	-	-	(3,171)	(12,253)	(18,499)	(18,499)	(18,499)	(18,499)	(18,499)	(18,499)	(15,772)	(6,740)	(494)	(494)	(494)	(494)	(494)	(542)	(535)	(485)	(485)	(485)
191	Consolidated Software CIAOC Additions	-	(3,171)	(9,081)	(6,247)		-	-	-	-	(444)	(49)	-	` -	` -	` -	` -	(49)	(437)	` -	` -	` -	` -
192	Consolidated Software CIAOC Retirements	-	-		-	-	-	-	-	-	3,171	9,081	6,247	-	-	-	-	` -	444	49	-	-	-
193	Consolidated Software CIAOC Closing Balance	-	(3,171)	(12,253)	(18,499)	(18,499)	(18,499)	(18,499)	(18,499)	(18,499)	(15,772)	(6,740)	(494)	(494)	(494)	(494)	(494)	(542)	(535)	(485)	(485)	(485)	(485)
194																							
195	Consolidated Software CIAOC Opening Balance Accumulated Depreciation	-	-	-	396	1,928	4,240	6,553	8,865	11,178	13,490	12,631	5,521	117	179	241	302	364	426	49	67	127	188
196	Consolidated Software CIAOC Retirements	-	-	-	-	-	-	-	-	-	(3,171)	(9,081)	(6,247)	-	-	-	-	-	(444)	(49)	-	-	-
197	Consolidated Amortization of Software CIAOC	-	-	396	1,532	2,312	2,312	2,312	2,312	2,312	2,312	1,972	843	62	62	62	62	62	68	67	61	61	61
198	Consolidated Software CIAOC Closing Balance Accumulated Depreciation	-	-	396	1,928	4,240	6,553	8,865	11,178	13,490	12,631	5,521	117	179	241	302	364	426	49	67	127	188	249
199																							
200	Consolidated Mid Year Software CIAOC	-	(1,586)	(7,514)	(14,214)	(15,415)	(13,103)	(10,790)	(8,478)	(6,166)	(4,075)	(2,180)	(798)	(346)	(284)	(222)	(160)	(123)	(301)	(452)	(388)	(328)	(267)
201																							
202	Consolidated Opening Deferred Charges	-	57	7,720	6,755	5,790	4,825	3,860	2,895	1,930	965	0	0	0	0	0	0	0	0	0	0	0	0
203	Consolidated O&M Deferred Charge Additions	77	10,001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
204	Consolidated O&M Tax on Deferred Charge Additions	(22)	(2,650)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
205	Consolidated O&M Net Deferred Charge Additions	55	7,351	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
206	Consolidated O&M Amortization Expense	-	-	(965)	(965)	(965)	(965)	(965)	(965)	(965)	(965)	-	-	-	-	-	-	-	-	-	-	-	-
207	Consolidated O&M Deferred Charge AFUDC	2	313	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
208	Consolidated Closing Deferred Charges	57	7,720	6,755	5,790	4,825	3,860	2,895	1,930	965	0	0	0	0	0	0	0	0	0	0	0	0	0
209	Capital Lease Rate Base	-	15,834	14,167	12,500	10,834	9,167	7,500	5,834	4,167	2,500	833	15,834	14,167	12,500	10,834	9,167	7,500	5,834	4,167	2,500	833	-
	Consolidated Mid-Year Deferred Charges	-	-	7,238	6,273	5,308	4,343	3,378	2,413	1,448	483	-	-	-	-	-	-	-	-	-	-	-	-
	In-Service Adjustment	-	-	(6,256)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
212	Consolidated Ratebase	-	33,395	73,983	93,126	77,620	65,627	54,335	43,579	32,226	22,244	14,049	26,359	25,217	22,984	20,301	17,618	15,836	16,061	15,387	12,706	10,022	8,872

S4a - CCA- Summary Attachment 7.1c

### Financial Schedule 4a

# Customer Care Enhancement Project- Consolidated FINAL (November 27, 2009)

Capital Cost Allowance Summary in \$000s
\*Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	olidated	•																						
1 Openi	ng UCC Balance		-	-	34,093	85,113	80,998	80,167	79,496	80,132	80,074	79,195	80,732	79,944	80,692	80,732	79,941	79,336	78,865	80,099	81,972	80,997	80,446	80,026
2 Additio	ons		-	37,314	57,262	-	-	-	1,400	900	-	4,050	-	1,400	900	-	-	-	1,850	4,500	-	-	-	1,400
3 CCA			-	(3,221)	(6,242)	(4,115)	(832)	(671)	(763)	(958)	(880)	(2,513)	(788)	(653)	(860)	(791)	(605)	(471)	(615)	(2,627)	(975)	(550)	(420)	(537)
4 Closin	g UCC Balance		-	34,093	85,113	80,998	80,167	79,496	80,132	80,074	79,195	80,732	79,944	80,692	80,732	79,941	79,336	78,865	80,099	81,972	80,997	80,446	80,026	80,889
5																								
6																								
7																								
8 CCA F	Rates Used																							
9																								
10 Hard	lware_CCA	30.00%																						
	ware_CCA	100.00%																						
	dings_CCA	6.00%																						
	dorFees_CCA	100.00%																						
	allerFees_CCA	100.00%																						
15 Inter	nalLabour_CCA	100.00%																						
	nalMaterials_CCA	100.00%																						
	rhead_Cap_CCA	4.00%																						
18																								
19 Amo	rtization of Software CIAOC	12.50%																						

Financial Schedule 4b

Financial Schedule 4b

Customer Care Enhancement Project- Consolidated FINAL (November 27, 2009)

CCA Detail in \$000s

\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	0																							
	Consolidated Capital Cost Allowance																							
1	UCC Opening																							
2	Hardware		-	-	1,925	2,194	1,536	1,075	753	1,717	1,967	1,377	964	675	1,662	1,929	1,350	945	661	1,653	1,922	1,345	942	659
3	Software		-	-	499	2,592	-	-	-	-	-	-	225	-	-	-	-	-	-	225	-	-	-	-
4	Buildings		-	-	6,995	6,575	6,180	5,810	5,461	5,133	4,825	4,536	4,264	4,008	3,767	3,541	3,329	3,129	2,941	2,765	2,599	2,443	2,296	2,159
5	Vendor Fees		-	-	5,425	17,029	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Installer Fees		-	-	5,810	5,128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
/	Internal Labour		-	-	888	3,271	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8 9	Internal Materials Training		-	-	499	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Incremental O&M and Capitalized Overhead		-	-	499	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Total UCC Opening Balance				22,040	36,808	7.716	6.885	6.214	6.850	6,792	5.913	5.452	4.682	5.430	5,470	4.679	4.074	3.603	4.643	4.521	3,789	3.238	2,818
12	Total OCC Opening Balance				22,040	30,000	1,110	0,000	0,214	0,030	0,732	3,313	3,432	4,002	3,430	3,470	4,073	4,074	3,003	4,043	4,321	3,703	3,230	2,010
13	UCC Additions																							
14	Hardware		-	2,265	996	-	-	-	1,400	900	-	-	-	1,400	900	-	-	-	1,400	900	-	-	-	1,400
15	Software		-	997	5,183	-	-	-	-	-	-	450	-	-	-	-	-	-	450	-	-	-	-	-
16	Buildings		-	7,211		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Vendor Fees		-	10,849	34,058	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Installer Fees		-	11,620	10,257	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	Internal Labour		-	1,776	6,543	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Internal Materials		-	1,598	188	-	-	-	-	-	-	3,600	-	-	-	-	-	-	-	3,600	-	-	-	-
21	Training		-	998	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Incremental O&M and Capitalized Overhead			- 07.044		-	-		4 400	- 000	-	4,050	-	1,400	- 000	-	-	-	4.050	4,500	-	-	-	1,400
23 24	Total UCC Additions		-	37,314	57,262	-	-	-	1,400	900	-	4,050	-	1,400	900	-	-	-	1,850	4,500	-	-	-	1,400
25	CCA																							
26	Hardware		_	(340)	(727)	(658)	(461)	(323)	(436)	(650)	(590)	(413)	(289)	(412)	(634)	(579)	(405)	(283)	(408)	(631)	(577)	(404)	(283)	(408)
27	Consolidated Software CCA		_	(499)	(3,090)	(2,592)	- (101)	- (020)	-	-	-	(225)	(225)	- (/	-	-	-	(200)	(225)	(225)	-	- (101)	- (200)	-
28	Buildings		-	(216)	(420)	(394)	(371)	(349)	(328)	(308)	(290)	(272)	(256)	(240)	(226)	(212)	(200)	(188)	(176)	(166)	(156)	(147)	(138)	(130)
29	Vendor Fees CCA		-	(5,425)	(22,454)	(17,029)	- '	- '-	- '	- '	- '	- '	- '	`- '	- '	- '	- '	`- '	- '	- '	- '	-	- '	`- '
30	Installer Fees CCA		-	(5,810)	(10,938)	(5,128)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Internal Labour CCA		-	(888)	(4,159)	(3,271)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	Internal Materials CCA		-	(799)	(178)	(10)	-	-	-	-	-	(1,800)	(215)	-	-	-	-	-	-	(1,800)	(243)	-	-	-
33	Training		-	(499)	(519)	(20)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	Incremental O&M and Capitalized Overhead						-	-	-		-		-	-		-	-		-	-	-	-	-	
35	Total Consolidated CCA		-	(14,475)	(42,484)	(29,102)	(832)	(671)	(763)	(958)	(880)	(2,710)	(985)	(653)	(860)	(791)	(605)	(471)	(810)	(2,822)	(975)	(550)	(420)	(537)
36 37	UCC Ending Balance																							
38	Hardware			1,925	2,194	1,536	1,075	753	1,717	1,967	1,377	964	675	1,662	1,929	1,350	945	661	1,653	1,922	1,345	942	659	1,652
39	Software		_	499	2,194	1,550	1,073	755	- 1,717	1,507	1,377	225	-	1,002	1,525	1,330	-	-	225	1,322	1,343	342	-	-
40	Buildings		_	6.995	6,575	6,180	5,810	5,461	5,133	4,825	4,536	4,264	4,008	3.767	3.541	3,329	3,129	2.941	2,765	2,599	2.443	2,296	2,159	2,029
41	Vendor Fees		-	5,425	17,029	-	-,	-	-	-	-	-	-	-	-	-,	-,	-,	-,	-,	-,	-,	-,	-,
42	Installer Fees		-	5,810	5,128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43	Internal Labour		-	888	3,271	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Internal Materials		-	799	10	(10)	-	-	-	-	-	1,800	(215)	-	-	-	-	-	-	1,800	(243)	-	-	-
45	Training		-	499	20	- '	-	-	-	-	-	-	- '	-	-	-	-	-	-	-	- 1	-	-	-
46	Incremental O&M and Capitalized Overhead			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	Total UCC Ending Balance		-	22,839	36,818	7,706	6,885	6,214	6,850	6,792	5,913	7,252	4,467	5,430	5,470	4,679	4,074	3,603	4,643	6,321	3,546	3,238	2,818	3,681
48																								
49	TGI Software CIAOC Addition		-	(3,171)	(9,081)	(6,247)	-	-	-	-	-	(444)	(49)	-	-	-	-	-	(49)	(437)	-	-	-	-

S5 - Revenue Requirement Attachment 7.1c

### Financial Schedule 5

Customer Care Enhancement Project- Consolidated FINAL (November 27, 2009)

Revenue Requirement & Rate Impact Analysis in \$000s

\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	Consolidated																							
1	Revenue Requirement																							
2	Operating & Maintenance Expense																							
3	CCE Customer Care O&M Costs	\$2. line 6			44.504	45.005	47.369	48.954	50.601	51.849	52.929	E4 C00	55.910	57.084	58.574	60.085	61.610	63,199	65.108	66.609	68.364	70.144	71.971	73.810
- 4	Avoided Costs- Existing customer care contract	SZ, IIIIe b	-	-	(62,819)	(64.850)	(66,125)	(66,433)	(67,813)	(69,234)	(70.466)	(72,321)	(73,757)	(75,087)	(76,736)	(78,410)	(80,103)	(81.866)	(83,959)	(85,654)	(87,614)	(89,613)	(91,676)	(93,773)
5	Less: Overhead Capitalized		-	-	(62,619)	(64,650)	(66,125)	(00,433)	(67,613)	(69,234)	(70,466)	(72,321)	(73,757)	(75,067)	(76,736)	(76,410)	(60,103)	(000,10)	(63,959)	(65,654)	(67,614)	(69,613)	(91,676)	(93,773)
7	Less: Overnead Capitalized	-	<del></del>		(18,285)	(19,015)	(18,756)	(17,479)	(17,212)	(17,385)	(17,536)	(17,692)	(17.847)	(18,003)	(18,162)	(18,325)	(18,493)	(18.667)	(18,852)	(19.045)	(19,250)	(19.469)	(19,706)	(19,962)
,					(10,200)	(19,013)	(10,730)	(17,479)	(17,212)	(17,303)	(17,550)	(17,092)	(17,047)	(10,003)	(10,102)	(10,323)	(10,493)	(10,007)	(10,002)	(19,043)	(19,230)	(15,405)	(19,700)	(19,902)
0	Property & Other Taxes					38	(58)	45	33	37	29	14	2	(14)	(66)	(137)	(131)	(136)	(140)	(144)	(148)	(156)	(155)	(159)
	Amortization & Depreciation Expense	line 19 + line 20		1.667	6.306	12,773	11,992	11,992	11.992	11.819	11.785	11,785	8,162	1,902	2,683	2,683	2,683	2,683	2,683	2,733	2,678	2,684	2,684	1,017
	Income Tax Expense	line 29		(356)	543	3,563	4,198	4.085	3.893	3,611	3,458	2.757	1,983	410	468	428	421	393	2,003	(420)	53	115	72	250
	Farned Return	IIIIe 25		2.443	5.609	7.155	5.965	5.043	4,176	3,349	2,477	1.709	1,080	2.025	1.937	1.766	1.560	1.354	1.217	1.234	1.182	976	770	682
	Banner Conversion Costs		1.367	1,290	1,202	1,132	1.061	11	4,170	3,343	2,411	1,703	1,000	2,023	1,337	1,700	1,500	1,554	1,217	1,204	1,102	310	770	002
1/1	Consolidated Total Cost of Service	x-ref S6. line 33	1,367	5.043	(4.626)	5.646	4,403	3,699	2.882	1.432	213	(1.425)	(6.620)	(13,680)	(13,140)	(13.585)	(13.961)	(14.373)	(14.812)	(15,642)	(15.485)	(15,851)	(16,334)	(18.172)
15	Cumulative Deficit	X-161 00, III16 00	1,507	6.410	1.784	7,431	11,833	15,532	18,415	19.846	20,059	18,634	12,013	(1,666)	(14,806)	(28,391)	(42,352)	(56,726)	(71,537)	(87,179)	(102,663)	(118,514)	(134,848)	(153,020)
15	Cumulative Delicit			0,410	1,704	7,431	11,033	15,532	10,415	19,040	20,059	10,034	12,013	(1,000)	(14,000)	(20,391)	(42,352)	(50,720)	(71,537)	(67,179)	(102,003)	(116,514)	(134,040)	(153,020)
17	Income Tax Expense Calculation																							
18	Equity Earned Return			1.017	2.256	2.843	2.373	2,006	1,661	1,332	985	680	429	805	770	702	620	538	483	491	470	388	306	271
10	Add: Depreciation Expense- excluding capital lease	S3b. line 165		1,017	3,674	10.142	9,361	9,361	9,361	9,188	9,154	9.154	6.495	235	1.016	1,016	1.016	1.016	1.016	1.066	1.011	1.017	1.017	1.017
20	Add: Amortization Expense	S3b, line 206			965	965	965	965	965	965	965	965	0,400	200	1,010	1,010	1,010	1,010	1,010	1,000	1,011	1,017	1,017	1,017
21	Less: CCA	S4a, line 3		(3,221)	(6.242)	(4,115)	(832)	(671)	(763)	(958)	(880)	(2,513)	(788)	(653)	(860)	(791)	(605)	(471)	(615)	(2,627)	(975)	(550)	(420)	(537)
22	Less: Overhead Capitalized timing difference	0 10, 1110 0		(0,221)	(0,2 .2)	(1,110)	(002)	(0.1)	(,,,,,	(000)	(000)	(2,0.0)	(700)	(000)	(000)	(,,,,	(000)	(,	(0.0)	(2,027)	(0.0)	(000)	(120)	(007)
23	Taxable Income After Tax	-		(2,204)	652	9,835	11,867	11,661	11,224	10,527	10,224	8.286	6.137	387	926	927	1,031	1,083	884	(1,070)	506	855	903	751
24				(2,201)	002	0,000	,	,	,	10,021	.0,22	0,200	0,101	001	020	02.	1,001	1,000	001	(1,010)	000	000	000	
25				(2,999)	870	13.113	15.823	15.548	14.965	14.036	13,632	11.048	8,182	516	1,235	1.235	1,375	1.444	1,179	(1,427)	674	1.140	1,204	1.001
26				(=,===)		,	,	,	,	,	,	,	-,		.,	.,	.,	.,	.,	(.,,		.,	.,	.,
27	Current Income Tax Rate		29%	27%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
28	Capital Lease Tax Expense			438	325	285	243	198	152	102	50	(5)	(63)	281	160	119	77	33	(14)	(63)	(115)	(170)	(229)	-
29	Total Income Tax Expense		-	(356)	543	3,563	4,198	4,085	3,893	3,611	3,458	2,757	1,983	410	468	428	421	393	281	(420)	53	115	72	250
20				()																/				

Attachment 7.1c

Financial Schedule 6
Customer Care Enhancement Project- Consolidated FINAL (November 27, 2009)
Discounted Cash Flow in \$000s

\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

1.0	Consolidated Project Discounted Cash Flow																							
2		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
3	Capital Spending- Hardware		(745)	(2,516)	-	-	-	-	(1,400)	(900)	-	-	-	(1,400)	(900)	-			(1,400)	(900)			-	(1,400)
4	Capital Spending- Software		(27,745)	(45,966)	(8,609)	-			-	-		(450)		-	-				(450)		-		-	-
5	Capital Spending- Buildings & Structures		(2,468)	(7,072)	(188)		-	-	-	-	-	(3,600)	-	-		-			-	(3,600)			-	
6	Capital Expenditure Cash Flow	S1, line 16	(30,957)	(55,553)	(8,797)	-	-	-	(1,400)	(900)	-	(4,050)	-	(1,400)	(900)	-	-	-	(1,850)	(4,500)	-		-	(1,400)
7																								
8	Revenue Requirement			3,754	(5,828)	4,514	3,341	3,688	2,882	1,432	213	(1,425)	(6,620)	(13,680)	(13,140)	(13,585)	(13,961)	(14,373)	(14,812)	(15,642)	(15,485)	(15,851)	(16,334)	
9	Incremental O&M		(77)	(10,001)	18,285	19,015	18,756	17,479	17,212	17,385	17,536	17,692	17,847	18,003	18,162	18,325	18,493	18,667	18,852	19,045	19,250	19,469	19,706	19,962
10	Property Tax 1% in Lieu			-	-	(38)	58	(45)	(33)	(37)	(29)	(14)	(2)	14	66	137	131	136	140	144	148	156	155	159
11	Operating & Other Expense Cash Flow		(77)	(6,247)	12,457	23,491	22,156	21,121	20,061	18,780	17,720	16,252	11,224	4,337	5,088	4,877	4,663	4,430	4,180	3,547	3,913	3,775	3,526	1,949
12	Tax Expense Cash Flow		22	1,655	(3,114)	(5,873)	(5,539)	(5,280)	(5,015)	(4,695)	(4,430)	(4,063)	(2,806)	(1,084)	(1,272)	(1,219)	(1,166)	(1,107)	(1,045)	(887)	(978)	(944)	(882)	(487)
13	After Tax Operating & Other Expense Cash Flow		(55)	(4,591)	9,343	17,619	16,617	15,841	15,046	14,085	13,290	12,189	8,418	3,253	3,816	3,658	3,497	3,322	3,135	2,660	2,935	2,831	2,645	1,462
14																								
15	Terminal Value Cash Flow			-	-	-	-	-	-	-	-	-	-	-	-	-			-	-			-	-
16																								
17	Annual Cash Flow		(31,012)	(60,145)	546	17,619	16,617	15,841	13,646	13,185	13,290	8,139	8,418	1,853	2,916	3,658	3,497	3,322	1,285	(1,840)	2,935	2,831	2,645	62
18																								
	Annual Discounted Cash Flow (mid year)		(30,157)	(54,881)	477	14,070	12,431	11,110	8,972	8,128	7,681	4,409	4,277	880	1,303	1,532	1,373	1,223	444	(595)	891	805	705	16
20																								
21	Total Project Discounted Cash Flow		(4,908)																					

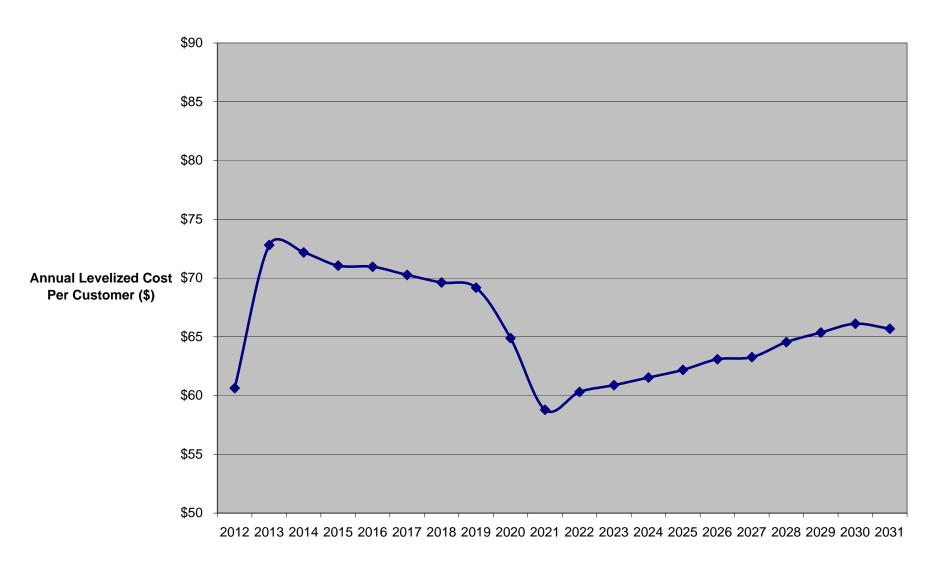
S7 - Cost Per Customer

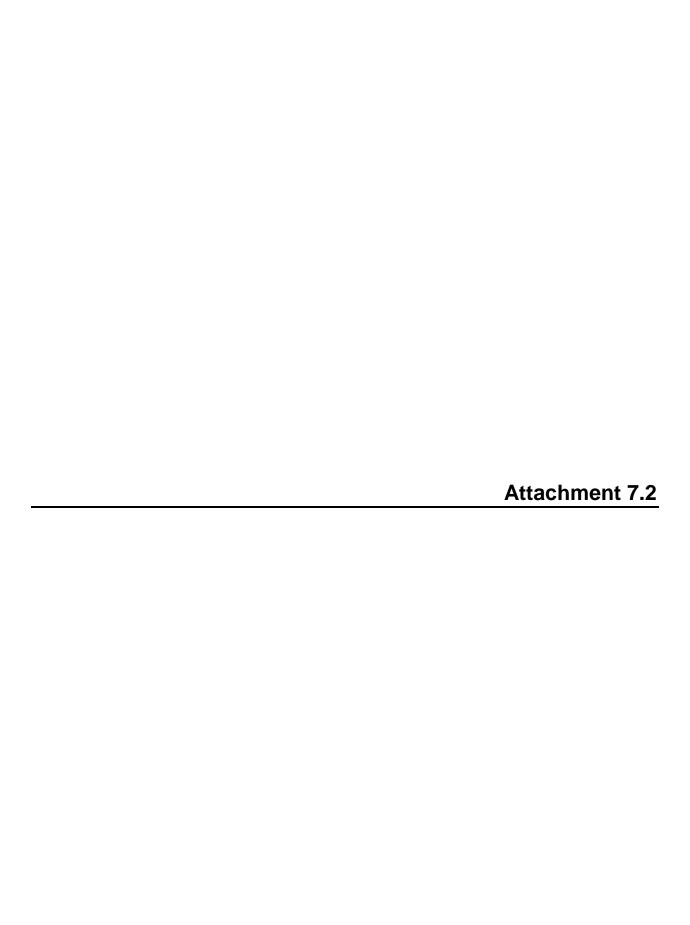
### Financial Schedule 7 Customer Care Enhancement Project- Consolidated FINAL (November 27, 2009) Cost Per Customer Analysis

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
1 Consolidated																							
2 3 Customer Care Costs (\$000's) 4 CCE Customer Care O&M 5 CCE other Cost of Service	S2, line 6 line 17 + 28 +40		3,754	44,534 12,457	45,835 23,529	47,369 22,098	48,954 21,166	50,601 20,094	51,849 18,817	52,929 17,749	54,629 16,266	55,910 11,226	57,084 4,323	58,574 5,022	60,085 4,740	61,610 4,532	63,199 4,294	65,108 4,040	66,609 3,403	68,364 3,765	70,144 3,618	71,971 3,371	73,810 1,790
6 TGVI Banner to Energy Conversion	line 29	1,367	1,290	1,202	1,132	1,061	11	-	-														
7 Total Customer Care Costs		1,367	5,043	58,193	70,496	70,528	70,132	70,695	70,666	70,678	70,896	67,137	61,407	63,596	64,825	66,142	67,493	69,148	70,013	72,129	73,762	75,342	75,601
8 9 Average Customers n		943,278	951,379	959,757	968,338	977,113	987,030	996,311	1,005,709	1,015,228	1,024,868	1,034,633	1,044,524	1,054,543	1,064,694	1,074,979	1,085,399	1,095,957	1,106,657	1,117,500	1,128,490	1,139,628	1,150,918
1 Cost Per Customer		\$ 1.45 \$	5.30 \$	60.63	72.80	72.18 9	71.05	\$ 70.96	\$ 70.26	\$ 69.62	\$ 69.18	\$ 64.89	\$ 58.79	60.31	\$ 60.89	\$ 61.53	\$ 62.18	\$ 63.09	\$ 63.26	\$ 64.55	\$ 65.36	\$ 66,11	\$ 65.69
2																							-
3 4 Notes: 5 Other Cost of Service amounts equal to total cost of s 6 7	ervice as shown on subsequent R	Revenue Requirement	schedule (S5) le	ss O&M (net of	CCE customer	care and avoide	ed costs)																
S Levelized Cost Per Customer Calculation				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Discount Rate (TGI) (Nominal After Tax WACC)				6.50%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.589
Average Customers     Discounted Average Customers				959,757 901,183	968,338 852,404	977,113 806,998	987,030 764,835	996,311 724,339	1,005,709 686,007	1,015,228 649,724	1,024,868 615,379	1,034,633 582,868	1,044,524 552,092	1,054,543 522,959	1,064,694 495,378	1,074,979 469,268	1,085,399 444,550	1,095,957 421,147	1,106,657 398,991	1,117,500 378,013	1,128,490 358,151	1,139,628 339,344	1,150,918 321,537
5 CCE Total Customer Care Costs 6 Discount Rate 17 Discounted Costs 8 Annual Levelized Cost Per Customer 9	line 7 x 1000 S6, line 29		\$	58,193,222 6.50% 54,641,736 60.63	70,496,465 6.58% 62,056,323 72.80	70,527,701 6.58% 58,248,906 \$ 72.18	70,132,170 6.58% 54,344,384 71.05	70,695,249 6.58% 51,396,906 \$ 70.96	70,666,143 6.58% 48,202,269 \$ 70.26	70,678,402 6.58% 45,232,664 \$ 69.62	70,895,507 6.58% 42,569,006 \$ 69.18	6.58%	6.58%	6.58%	64,824,632 6.58% 30,161,453 \$ 60.89	6.58%	67,492,663 6.58% 27,643,145 \$ 62.18		70,012,571 6.58% 25,242,107 \$ 63.26	6.58% 24,398,888	6.58% 23,410,067	75,342,090 6.58% 22,434,443 \$ 66.11	75,600,744 6.589 21,120,931 \$ 65.69
IO 11 Levelized Cost per Customer- CCE CPCN 12 13 5 14 15 15 15		5 Costs 8 Customers 1 Cost/Customer (\$)																					
6 Existing Customer Care Contract 7 Discount Rate 8 Discounted Costs 9 Annual Levelized Cost Per Customer 0 1	S6, line 29		\$	62,895,963 6.50% 59,057,473 65.53	65,503,539 6.58% 57,661,171 67.65	66,750,508 6.58% 55,129,318 68.31	67,018,528 6.58% 51,931,669 67.90	68,376,757 6.58% 49,711,314 \$ 68.63	69,766,031 6.58% 47,588,291 \$ 69.37	70,965,666 6.58% 45,416,506 \$ 69.90	72,789,021 6.58% 43,705,960 \$ 71.02	6.58% 41,797,834	75,063,033 6.58% 39,675,243 \$ 71.86		6.58% 36,471,202	6.58% 34,958,572	81,846,735 6.58% 33,522,180 \$ 75.41		85,639,182 6.58% 30,876,076 \$ 77.39		89,601,928 6.58% 28,437,122 \$ 79.40		93,765,60 6.58 26,195,73 \$ 81.4
42 Levelized Cost per Customer- Existing Contract 43		8 Costs 8 Customers 0 Cost/Customer (\$)																					

Attachment 7.1c

# **Customer Care Enhancement Project Annual Levelized Cost of Service Per Customer**





S1 - Project Costs
Attachment 7.2

Financial Schedule 1

Customer Care Enhancement Project- Appendix K Financial Schedule Changes (Final Version vs. Amended Application)

Estimated Project Implementation Costs in \$000s

TGI Component	<u>Reference</u>	<u>Total</u>	2009	2010	2011	2012
Capital - CIS Implementation						
1 Consulting		(11,400)	(484)	(1,374)	(7,750)	(1,792)
2 Internal Labour		720	-	(2,432)	2,506	646
3 Expenses		8,149	-	552	6,085	1,512
4 Software		(1,148)	-	2,600	(3,102)	(646)
5 Hardware	<u> </u>	(6,611)	(163)	(2,618)	(3,418)	(412)
6 Subtotal		(10,290)	(647)	(3,272)	(5,680)	(692)
Capital - Services Insourcing						
7 Consulting		4,476	509	1,373	3,211	(618)
8 Internal Labour		3,016	-	1,017	1,999	-
9 Facilities		7,334	-	1,207	6,127	-
10 Expenses		(1,825)	163	(499)	(1,488)	-
11 Software		(16,958)	(75)	243	(17,125)	-
12 <u>Hardware</u>	_	1,078	<u>-</u>	(304)	1,472	(90)
13 Subtotal		(2,879)	597	3,036	(5,804)	(708)
Total Plant Additions						
14 CIS		(10,290)	(647)	(3,272)	(5,680)	(692)
15 Service Insourcing		(2,879)	597	3,036	(5,804)	(708)
16 Subtotal		(13,169)	(50)	(235)	(11,484)	(1,400)
17 AFUDC		(373)	-	16	(389)	
18 Total Plant Additions	x-ref S3b, (2010 column, lines 25 + 237 + 449) + lines 37 + 249 + 461	(13,542)	(50)	(219)	(11,873)	(1,400)
Deferred O&M						
19 Internal Labour		-	-	-	-	-
20 Expenses		(0)	-	-	(0)	-
21 Subtotal	x-ref S3b, lines 203 + 415 + 627	(0)			(0)	-
22 AFUDC	x-ref S3b, lines 207 + 419 + 631	314	(2)	2	314	0
23 Total Deferred O&M	·	314	(2)	2	314	-
24 Capital Lease		6,677	50	104	6,523	-
25 Total		(6,551)	(2)	(113)	(5,036)	(1,400)

S2 - Customer Care New O&M

Attachment 7.2

### Financial Schedule 2

Customer Care Enhancement Project- Appendix K Financial Schedule Changes (Final Version vs. Amended Application)
Estimated Customer Care O&M Costs in \$000s, Except Cost /Customer Amounts

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Labour     Outsourced Services     Technology Support     Facilities Support     Expenses				110 - - - -	113 - - -	117 - - -	120 - - -	124 - - -	128 - - -	131 - - - -	135 - - -	139 - - -	144 - - - -	148 - - -	152 - - -	157 - - - -	162 - - -	167 - - - -	172 - - -	177 - - -	182 - - -	187 - - - -	193 - - -
6 Total				110	113	117	120	124	128	131	135	139	144	148	152	157	162	167	172	177	182	187	193
7 Ave Customers				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8 Cost /Customer				0.11	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.15	0.15	0.15	0.16	0.16	0.16	0.16	0.17

\*Note- Total costs include annual lease payment of \$1.7 million; the revenue requirement includes this as a capital lease and therefore it is accounted for through depreciation, tax and earned return.

S3a - Rate Base- Summary Attachment 7.2

### Financial Schedule 3a

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
TGI																							,
1 Opening Gas Plant In Service	S3b, line 87		_	(1,976)	(2,582)	124	2.794	5,229	7,654	10,924	13.369	(7,140)	(5,395)	(4,119)	(1.540)	1.070	3.651	6.309	7.769	7,259	9.998	12.767	15,516
2 Additions	S3b, line 100	_	(1,976)	(606)	2.706	2.670	2,435	2.452	3.270	2,446	2.521	2.543	2.512	3.372	2.610	2.582	2.658	2.684	3,435	2,739	2,769	2.750	2,836
3 Retirements	S3b, line 113	-	-	-				(27)		, -	(23,030)	(798)	(1,236)	(793)		-	-	(1,224)	(3,945)	-			(1,210)
4 Closing Gas Plant In Service	S3b, line 126	-	(1,976)	(2,582)	124	2.794	5,229	7,654	10,924	13,369	(7,140)	(5,395)	(4,119)	(1,540)	1,070	3,651	6,309	7.769	7,259	9.998	12,767	15,516	17.142
5			,									,	,	,									
6 Opening Accumulated Depreciation	S3b, line 139	-	-	-	318	712	768	490	(66)	(949)	(2,301)	19,071	20,775	22,700	24,114	24,414	24,387	24,038	24,580	27,752	27,044	25,994	24,598
7 Depreciation	S3b, line 165	-	-	318	394	56	(278)	(582)	(884)	(1,352)	(1,657)	906	688	621	300	(27)	(349)	(682)	(772)	(708)	(1,050)	(1,396)	(1,740)
8 Retirements	S3b, line 152	-	-	-	-	-	-	27	-	-	23,030	798	1,236	793	-	-	-	1,224	3,945	-	-	-	1,210
9 Closing Accumulated Depreciation	S3b, line 178	-	-	318	712	768	490	(66)	(949)	(2,301)	19,071	20,775	22,700	24,114	24,414	24,387	24,038	24,580	27,752	27,044	25,994	24,598	24,068
11 Opening Contributions in Aid of Construction	S3b, line 190	_	_	(29)	(205)	(470)	(400)	(327)	(257)	(196)	(130)	(417)	(187)	136	123	98	80	70	47	37	29	8	(6)
12 Additions	S3b, line 191	_	(29)	(176)	(264)	69	73	70	61	65	(316)	54	59	56	48	53	51	42	(325)	46	38	42	41
13 Retirements	S3b, line 192	-		,	` - '	-	_	-		-	29	176	264	(69)	(73)	(70)	(61)	(65)	316	(54)	(59)	(56)	(48)
14 Closing Contributions in Aid of Construction	S3b, line 193	-	(29)	(205)	(470)	(400)	(327)	(257)	(196)	(130)	(417)	(187)	136	123	98	80	70	47	37	29	8	(6)	(48)
15			( -/	(/	,	(,	(- /	( - )	,	(,	` '	,										(-)	( - /
16 Opening Amortization of Contributions in Aid of Construction	S3b, line 195	-	-	-	4	29	88	138	179	211	235	223	99	(142)	(90)	(32)	26	77	134	(188)	(139)	(84)	(28)
17 Amortization	S3b, line 196	-	-	-	-	-	-	-	-	-	(29)	(176)	(264)	69	73	70	61	65	(316)	54	59	56	48
18 Retirements	S3b, line 197	-	-	4	26	59	50	41	32	24	16	52	23	(17)	(15)	(12)	(10)	(9)	(6)	(5)	(4)	(1)	1
<ul> <li>Closing Amortization of Contributions in Aid of Construction</li> </ul>	S3b, line 198	-	-	4	29	88	138	179	211	235	223	99	(142)	(90)	(32)	26	77	134	(188)	(139)	(84)	(28)	20
21 Opening Net Plant In Service		_	_	(2,005)	(2,465)	396	3,250	5,529	7,510	9,990	11,173	11,737	15.292	18.574	22.607	25.549	28,144	30.494	32,530	34.861	36,932	38,685	40,079
22 Closing Net Plant In Service		-	(2,005)	(2,465)	396	3,250	5,529	7,510	9,990	11,173	11,737	15,292	18,574	22,607	25,549	28,144	30,494	32,530	34,861	36,932	38,685	40,079	41,217
23																	·		•				
24 Mid Year Net Plant in Service	(line 21 + line 22)/2	-	(1,003)	(2,235)	(1,035)	1,823	4,389	6,520	8,750	10,581	11,455	13,514	16,933	20,590	24,078	26,847	29,319	31,512	33,695	35,896	37,808	39,382	40,648
25																							
26 Opening Deferred Charges	S3b, line 202	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27 Additions	S3b, line 205	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28 Amortization	S3b, line 206		-	-	-	-	-	-	-	-	-	-	-	-	-	-		-		-		-	
29 Closing Deferred Charges	S3b, line 208	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30																							
31 Mid Year Deferred Charges 32 Capital Lease Rate Base		-	(022)	(734)	(647)	(559)	(472)	(386)	(299)	(213)	(420)	(42)	(806)	(720)	(634)	(548)	(463)	(378)	(293)	(209)	(125)	(42)	-
32 Capital Lease Rate Base 33 13 Month Adjustment (row 211, S3b)	S3b, line 211	-	(822)	329	(647)	(559)	(472)	(386)	(299)	(213)	(128)	(43)	(806)	(720)	(634)	(548)	(463)	(3/8)	(293)	(209)	(125)	(42)	-
33 13 Month Adjustment (row 211, 53b)	330, line 211	-	-	329	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35 TGI Rate Base	x-ref S3b, line 212		(1,825)	(2,640)	(1,681)	1,264	3,917	6,134	8,450	10,368	11,327	13,472	16,127	19,871	23,445	26,299	28,857	31,134	33,402	35,688	37,683	39,340	40,648

S3a - Rate Base- Summary Attachment 7.2

# Customer Care Enhancement Project- Appendix K Financial Schedule Changes (Final Version vs. Amended Application)

Rate Base Summary in \$000s
\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	TGVI																							
36	Opening Gas Plant In Service	S3b, line 299	-	_	(236)	(310)	22	356	666	980	1,410	1,738	3,087	3,029	3,051	3,097	3,168	3,235	3,310	3,396	3,477	3,561	3,655	3,737
37	Additions	S3b, line 312	-	(236)	(74)	333	334	310	317	430	328	343	352	354	484	381	384	402	413	538	436	449	453	476
38	Retirements	S3b, line 325	-	` -	` -	-	-	-	(3)	0	-	1,006	(410)	(333)	(438)	(310)	(317)	(326)	(328)	(456)	(352)	(354)	(371)	(381)
39	Closing Gas Plant In Service	S3b, line 338	-	(236)	(310)	22	356	666	980	1,410	1,738	3,087	3,029	3,051	3,097	3,168	3,235	3,310	3,396	3,477	3,561	3,655	3,737	3,831
40				, ,	. ,																			
41	Opening Accumulated Depreciation	S3b, line 351	-	-	-	38	85	91	54	(17)	(131)	(307)	(1,529)	(1,429)	(1,398)	(1,265)	(1,267)	(1,270)	(1,273)	(1,284)	(1,177)	(1,184)	(1,200)	(1,210)
42	Depreciation	S3b, line 377	-	-	38	47	6	(36)	(75)	(114)	(176)	(217)	(310)	(302)	(305)	(311)	(320)	(329)	(338)	(349)	(360)	(370)	(382)	(392)
43	Retirements	S3b, line 364	-	-	-	-	-		3	(0)		(1,006)	410	333	438	310	317	326	328	456	352	354	371	381
44 45		S3b, line 390	-	-	38	85	91	54	(17)	(131)	(307)	(1,529)	(1,429)	(1,398)	(1,265)	(1,267)	(1,270)	(1,273)	(1,284)	(1,177)	(1,184)	(1,200)	(1,210)	(1,221)
46	Opening Contributions in Aid of Construction	S3b, line 402	_	_	-	_	_	_	-	_	_	-	-	_	_	_	-	_	_	_	_	_	_	_
47	Additions	S3b, line 403	-	_	-	_	-	_	_	-	_	_	-	-	_	-	-		_	-	-	-	-	-
48	Retirements	S3b, line 404	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49	Closing Contributions in Aid of Construction	S3b, line 405	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50	· ·																							
51	Opening Amortization of Contributions in Aid of Construction	S3b, line 407	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Amortization	S3b, line 408	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53		S3b, line 409	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54 55		S3b, line 410	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	Opening Net Plant In Service		-	-	(236)	(273)	107	447	720	963	1,279	1,431	1,558	1,601	1,653	1,831	1,901	1,964	2,037	2,112	2,300	2,377	2,455	2,526
57	Closing Net Plant In Service		-	(236)	(273)	107	447	720	963	1,279	1,431	1,558	1,601	1,653	1,831	1,901	1,964	2,037	2,112	2,300	2,377	2,455	2,526	2,610
58	· ·			1	1															•				
59 60	Mid Year Net Plant in Service	(line 21 + line 22)/2		(118)	(254)	(83)	277	584	841	1,121	1,355	1,494	1,579	1,627	1,742	1,866	1,933	2,001	2,074	2,206	2,338	2,416	2,491	2,568
61	Opening Deferred Charges	S3b, line 414	_	_	(1)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	Additions	S3b, line 417	_	(1)	- (-/	- (-/	-	-	-	-	-	(-/	-	-	-	(-)	-	-	-	-	-	-	-	-
63	Amortization	S3b, line 418	-	- (-,	0	0	0	0	0	0	0	0	-	-	_	-	-		_	-	-	_	-	_
64	Closing Deferred Charges	S3b, line 420	-	(1)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
65				. ,	` '	(-)	(-)	(-)	(-/	,	(-)	(-)	(-)	(-)		(-)	(-)	(-)	(-)	(-/	(-/	(-/	(-)	(-)
66	Mid Year Deferred Charges		-	-	(1)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	-	-	-
67	Capital Lease Rate Base		-	(98)	(89)	(80)	(70)	(60)	(50)	(39)	(29)	(17)	(6)	(114)	(103)	(93)	(81)	(70)	(58)	(46)	(33)	(20)	(7)	-
68	13 Month Adjustment	S3b, line 423	-	` -	40	` -	` -	`-	` -	` -	` -	` -			-	` -	` -	`-	` -	`-'	` -	` -	- '-	-
69 70	TGVI Rate Base	x-ref S3b, line 424		(216)	(304)	(163)	207	523	791	1,081	1,326	1,477	1,573	1,513	1,639	1,774	1,851	1,931	2,016	2,160	2,305	2,396	2,484	2,568

S3a - Rate Base- Summary

Attachment 7.2

## Customer Care Enhancement Project- Appendix K Financial Schedule Changes (Final Version vs. Amended Application)

Rate Base Summary in \$000s
\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	TGW	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	IGW																							
71	Opening Gas Plant In Service	S3b, line 511	-	-	(6)	(8)	0	8	16	23	33	41	74	72	72	72	73	73	74	75	76	77	78	79
72	2 Additions	S3b, line 524	-	(6)	(2)	8	8	7	7	10	8	8	8	8	11	8	8	9	9	11	9	9	9	9
73	Retirements	S3b, line 537	-		`-'	-	-	-	(0)	-	-	25	(10)	(8)	(11)	(7)	(7)	(8)	(8)	(10)	(8)	(8)	(8)	(8) 81
74	Closing Gas Plant In Service	S3b, line 550	-	(6)	(8)	0	8	16	23	33	41	74	72	72	72	73	73	74	75	76	77	78	79	81
75	· ·																							
76	Opening Accumulated Depreciation	S3b, line 563	-	-	-	1	2	2	1	(0)	(3)	(7)	(38)	(35)	(34)	(30)	(30)	(29)	(29)	(29)	(26)	(26)	(25)	(25)
77	Depreciation	S3b, line 589	-	-	1	1	0	(1)	(2)	(3)	(4)	(5)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(8)	(8)	(8)	(8)
78	Retirements	S3b, line 576	-	-	-	-	-		0	-		(25)	10	8	11	7	7	8	8	10	8	8	8	8
79	Closing Accumulated Depreciation	S3b, line 602	-	-	1	2	2	1	(0)	(3)	(7)	(38)	(35)	(34)	(30)	(30)	(29)	(29)	(29)	(26)	(26)	(25)	(25)	(25)
80																								
81		S3b, line 614	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82		S3b, line 615	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	B Retirements	S3b, line 616		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
84		S3b, line 617	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
85																								
86	Opening Amortization of Contributions in Aid of Construction	S3b, line 619	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
87		S3b, line 620	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
88		S3b, line 621		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-
89		S3b, line 622	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
90																								
91			-	-	(6)	(7)	3	11	17	23	30	34	37	37	38	42	43	44	45	47	50	52	53	54
	Closing Net Plant In Service			(6)	(7)	3	11	17	23	30	34	37	37	38	42	43	44	45	47	50	52	53	54	56
93				(0)	(0)	(0)	_																	
94	Mid Year Net Plant in Service	(line 21 + line 22)/2	-	(3)	(6)	(2)	/	14	20	27	32	35	37	38	40	42	44	45	46	49	51	52	54	55
95	) 	001- 11 000																						
90	Opening Deferred Charges Additions	S3b, line 626 S3b, line 629	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
98		S3b, line 629	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
99		S3b, line 632																						
100		33D, III le 032	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mid Year Deferred Charges																							
	2 Capital Lease Rate Base		-	(2)	(2)	(2)	(2)	(1)	(1)	(1)	(1)	(0)	(0)	(3)	(2)	(2)	(2)	(1)	(1)	(1)	(1)	(0)	(0)	-
	3 13 Month Adjustment	S3b, line 635	-	(2)	(2)	(2)	(2)	(1)	(1)	(1)	(1)	(0)	(0)	(3)	(2)	(2)	(2)	(1)	(1)	(1)	(1)	(0)	(0)	-
100	i o month Aujustinont	555, III le 655	-	-	,	-	-	-	-	-	-	-	-	-	-		-		-	-	-	-	-	-
105	TGW Rate Base	x-ref S3b, line 636	. — -	(5)	(8)	(4)	5	13	19	26	31	35	37	35	38	40	42	43	45	48	50	52	54	55
		230, 1110 000		(0)	(0)	(./		10							- 00						- 00		- 0.	

S3b - Rate Base- Detail Attachment 7.2

### Financial Schedule 3b

Customer Care Enhancement Project- Appendix K Financial Schedule Changes (Final Version vs. Amended Application)

Rate Base Detail in \$000s
\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
TGI		,																					
1 Capital Spending																							
2 Hardware		12	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 Software 4 Land		(51)	(694)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 Buildings		606																					
6 Vendor Fees		-	-	(245)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7 Installer Fees		(79)	(3,744)	(3,808)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8 Internal Labour 9 Internal Materials		-	-	(167)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 Training		-		(35)			-	-		-	-	-		-	-					-		-	
11 Incremental O&M			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12 Total Spend	x-ref S6, line 31	488	(4,423)	(4,255)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13 14 Opening WIP																							
15 Hardware		-	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16 Software		-	(53)	(590)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17 Land 18 Buildings		43	668			-	-		-			-		- :						-		-	
19 Vendor Fees		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 Installer Fees		-	(81)	(1,372)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21 Internal Labour 22 Internal Materials		-			-	-	-	-	-	-	-	-		-	-				-	-	-	-	-
23 Training		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
24 Incremental O&M			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<ul><li>Total Opening WIP</li><li>Additions</li></ul>	x-ref S1, line 18 & x-ref S6, line 31	43	547	(1,962)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26 Additions 27 Hardware	x-ref Sb, line 31	13	14		_	_	_	_						_	_	_		_	_	_	_	_	_
28 Software		(53)		-	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
29 Land		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30 Buildings 31 Vendor Fees		625	-	(245)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31 Vendor Fees 32 Installer Fees		(81)	(3,787)	(3,808)	-		-	-		-	-					-		-				-	-
33 Internal Labour		-	(=,:=:,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34 Internal Materials		-	-	(167)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35 Training 36 Incremental O&M		-	-	(35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37 Total Additions	x-ref S1, line 18	504	(4,485)	(4,255)	-													-				<del></del>	<del></del> -
38 In-service				( ,,																			
39 Hardware		-	(27)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40 Software 41 Land		-	175	590		-	-					-		- :						-		-	-
42 Buildings		-	(668)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43 Vendor Fees		-	-	245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44 Installer Fees 45 Internal Labour		-	2,496	5,180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46 Internal Materials		-		167																			-
47 Training		-	-	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48 Incremental O&M 49 Total In-service			4.070	- 0.047	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		<u>-</u>
49 Total In-service 50 Closing WIP		-	1,976	6,217	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
51 Hardware		13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52 Software		(53)	(590)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53 Land 54 Buildings		668	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-
55 Vendor Fees		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56 Installer Fees		(81)	(1,372)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
57 Internal Labour 58 Internal Materials		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59 Training		-																					-
60 Incremental O&M				-	-	-		-		-	-	-		-	-	-	-	-	-	-	-	-	
61 TGI Total Closing WIP 62		547	(1,962)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
62 63 Recurring Plant Additions																							
64 Hardware		-	-	-	-	-	-	-	793	-	-	-	-	785	-	-	-	-	776	-	-	-	-
65 Software		-	-	-	-	-	(53)	-	-	(53)	-	-	(52)	-	-	(52)	-	-	(52)	-	-	(51)	-
66 Land 67 Buildings		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
68 Vendor Fees		-	-	245	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
69 Installer Fees		-	-	2,562	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70 Internal Labour		-	-	407	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71 Internal Materials 72 Training		-	-	167 35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
73 Capitalized Overhead		-	-	2,602	2,706	2,670	2,488	2,452	2,477	2,498	2,521	2,543	2,565	2,587	2,610	2,634	2,658	2,684	2,710	2,739	2,769	2,801	2,836
74 Total Recurring Plant Additions		-	-	5,611	2,706	2,670	2,435	2,452	3,270	2,446	2,521	2,543	2,512	3,372	2,610	2,582	2,658	2,684	3,435	2,739	2,769	2,750	2,836
75																							

S3b - Rate Base- Detail

Customer Care Enhancement Project- Appendix K Financial Schedule Changes (Final Version vs. Amended Application)
Rate Base Detail in 5000s
\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
76	Opening Plant Balance																							
77	Hardware		-	-	27	27	27	27	27	-	793	793	793	793	(443)	(451)	(451)	(451)	(451)	(1,675)	(1,684)	(1,684)	(1,684)	(1,684)
78	Software		-	-	(175)	(765)	(765)	(765)	(818)	(818)	(818)	(871)	(696)	(106)	(158)	(158)	(158)	(210)	(210)	(210)	(657)	(657)	(657)	(708)
79	Land		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	Buildings		-	-	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668
81	Vendor Fees		-	-									(9,798)	(10,043)	(10,043)	(10,043)	(10,043)	(10,043)	(10,043)	(10,043)	(10,043)	(10,043)	(10,043)	(10,043)
82	Installer Fees		-	-	(2,496)	(5,113)	(5,113)	(5,113)	(5,113)	(5,113)	(5,113)	(5,113)	(15,471)	(16,412)	(16,412)	(16,412)	(16,412)	(16,412)	(16,412)	(16,412)	(16,412)	(16,412)	(16,412)	(16,412)
83	Internal Labour		-	-	-	-	-	-	-	-	-	-	(1,591)	(1,591)	(1,591)	(1,591)	(1,591)	(1,591)	(1,591)	(1,591)	(1,196)	(1,196)	(1,196)	(1,196)
84	Internal Materials		-	-	-	-	-	-	-	-	-	-	(1,458)	(1,626)	(1,626)	(1,626)	(1,626)	(1,626)	(1,626)	(1,626)	(4,785)	(4,785)	(4,785)	(4,785)
85	Training		-	-	-									(35)	(35)	(35)	(35)	(35)	(35)	(35)	(35)	(35)	(35)	(35)
86	Incremental O&M and Capitalized Overhead			-	- (4.000)	2,602	5,308	7,978	10,466	12,918	15,394	17,893	20,413	22,956	25,520	28,108	30,718	33,351	36,009	38,693	41,403	44,142	46,911	49,712
87	Total Opening Plant Balance	x-ref S3a, line 1	-	-	(1,976)	(2,582)	124	2,794	5,229	7,654	10,924	13,369	(7,140)	(5,395)	(4,119)	(1,540)	1,070	3,651	6,309	7,769	7,259	9,998	12,767	15,516
88	A Life																							
89	Additions																							
90	Hardware		-	27	(500)	-	-	(50)	-	793	(50)	-	-	(50)	785	-	(50)	-	-	776 (52)	-	-	(54)	-
91	Software		-	(175)	(590)	-	-	(53)	-	-	(53)	-	-	(52)	-	-	(52)	-	-	(52)	-	-	(51)	-
92	Land		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
93	Buildings		-	668	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
94	Vendor Fees		-	(0.400)	(0.047)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
95 96	Installer Fees Internal Labour		-	(2,496)	(2,617)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
97	Internal Materials		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
98	Training		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
99	Incremental O&M and Capitalized Overhead		-	-	2.602	2.706	2.670	2.488	2.452	2.477	2.498	2.521	2.543	2.565	2.587	2.610	2.634	2.658	2.684	2.710	2.739	2.769	2.801	2.836
100	Total Additions	x-ref S3a, line 2		(1,976)	(606)	2,706	2,670	2,400	2,452	3,270	2,446	2,521	2,543	2,512	3.372	2,610	2,582	2,658	2,684	3,435	2,739	2,769	2,750	2,836
101	Total Additions	A-rei 33a, iirie 2		(1,570)	(000)	2,700	2,070	2,433	2,432	3,270	2,440	2,321	2,545	2,512	3,372	2,010	2,302	2,030	2,004	3,433	2,735	2,709	2,730	2,030
102	Retirements																							
103	Hardware		_	_	_	_	_	_	(27)	_	_	_	_	(1,236)	(793)	_	_	_	(1,224)	(785)	_	_	_	(1,210)
104	Software		_	_					(21)	_	_	175	590	(1,230)	(755)		_		(1,224)	(395)		_	_	(1,210)
105	Land			_	_			_	_	_	_		-	_	_	_	_		_	(000)	_		_	_
106	Buildings			_	_			_	_	_	_	_	_	_	_	_	_		_	_	_		_	_
107	Vendor Fees		_	_	_	_	_		_	_	-	(9.798)	(245)	_	_	_	-	_	_	_	_	_	-	_
108	Installer Fees			_	_			_	_	_	_	(10.357)	(941)		_	_	_		_	_	_		_	_
109	Internal Labour		_	_	_			_	_	_	_	(1,591)	(0)		_	_	_		_	395	_		_	_
110	Internal Materials		-	_	_	_	_	-	_	-	_	(1,458)	(167)	_	_	_	_	_	_	(3,160)	_	_	_	_
111	Training		-	_	_	_	_	-	_	_	_	(.,,	(35)	_	_	_	_	_	_	(=, ,	_	_	_	_
112	Incremental O&M and Capitalized Overhead		-	_	_	-	-		_	_	-	_	(,	-	-	-	_	-	-	-	-	-	-	_
113	Total Retirements	x-ref S3a, line 3	-	-	-	-	-	-	(27)	-	-	(23,030)	(798)	(1,236)	(793)	-	-	-	(1,224)	(3,945)	-	-	-	(1,210)
114									, ,			( -,,	(	( ,,	(,				. , ,	(-,,				
115	Closing Plant Balance																							
116	Hardware		-	27	27	27	27	27	-	793	793	793	793	(443)	(451)	(451)	(451)	(451)	(1,675)	(1,684)	(1,684)	(1,684)	(1,684)	(2,894)
117	Software		-	(175)	(765)	(765)	(765)	(818)	(818)	(818)	(871)	(696)	(106)	(158)	(158)	(158)	(210)	(210)	(210)	(657)	(657)	(657)	(708)	(708)
118	Land		-		` -	` -	` -	` -	` -	` -	` -	` -	` -	` -	` -	` -	` -	` -		` -	` -	` -	` -	` -
119	Buildings		-	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668
120	Vendor Fees		-	-	-	-	-	-	-	-	-	(9,798)	(10,043)	(10,043)	(10,043)	(10,043)	(10,043)	(10,043)	(10,043)	(10,043)	(10,043)	(10,043)	(10,043)	(10,043)
121	Installer Fees		-	(2,496)	(5,113)	(5,113)	(5,113)	(5,113)	(5,113)	(5,113)	(5,113)	(15,471)	(16,412)	(16,412)	(16,412)	(16,412)	(16,412)	(16,412)	(16,412)	(16,412)	(16,412)	(16,412)	(16,412)	(16,412)
122	Internal Labour		-	-			-	-	-		-	(1,591)	(1,591)	(1,591)	(1,591)	(1,591)	(1,591)	(1,591)	(1,591)	(1,196)	(1,196)	(1,196)	(1,196)	(1,196)
123	Internal Materials		-	-	-	-	-	-	-	-	-	(1,458)	(1,626)	(1,626)	(1,626)	(1,626)	(1,626)	(1,626)	(1,626)	(4,785)	(4,785)	(4,785)	(4,785)	(4,785)
124	Training		-	-	-	-	-	-	-	-	-		(35)	(35)	(35)	(35)	(35)	(35)	(35)	(35)	(35)	(35)	(35)	(35)
125	Incremental O&M and Capitalized Overhead		-	-	2,602	5,308	7,978	10,466	12,918	15,394	17,893	20,413	22,956	25,520	28,108	30,718	33,351	36,009	38,693	41,403	44,142	46,911	49,712	52,547
126	Total Closing Plant Balance	x-ref S3a, line 4	-	(1,976)	(2,582)	124	2,794	5,229	7,654	10,924	13,369	(7,140)	(5,395)	(4,119)	(1,540)	1,070	3,651	6,309	7,769	7,259	9,998	12,767	15,516	17,142
127																								

Attachment 7.2

S3b - Rate Base- Detail

Attachment 7.2

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
128 Opening Accum	nulated Depreciation																							
129 Hardware			-	-	-	(5)	(11)	(16)	(22)	-	0	(159)	(317)	(476)	602	1,484	1,574	1,664	1,754	3,068	4,188	4,525	4,862	5,198
130 Software			-	-	-	22	118	213	309	411	513	616	550	46	60	79	99	119	145	172	593	675	757	839
131 Land			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
132 Buildings			-	-	-	(10)	(21)	(31)	(41)	(51)	(62)	(72)	(82)	(92)	(103)	(113)	(123)	(134)	(144)	(154)	(164)	(175)	(185)	(195)
133 Vendor Fee			-	-	-			-					9,798	11,267	12,523	13,778	15,034	16,289	17,544	18,800	20,055	21,310	22,566	23,821
134 Installer Fee			-	-	-	312	951	1,590	2,229	2,869	3,508	4,147	15,143	18,019	20,070	22,122	24,173	26,225	28,276	30,328	32,379	34,431	36,482	38,534
135 Internal Lab			-	-	-	-	-	-	-	-	-	-	1,591	1,790	1,989	2,188	2,387	2,585	2,784	2,983	2,787	2,937	3,086	3,236
136 Internal Mat	erials		-	-	-	-	-	-	-	-	-	-	1,458	1,808	2,011	2,214	2,417	2,621	2,824	3,027	6,390	6,988	7,586	8,184
137 Training 138 Incremental	O&M and Capitalized Overhead		-	-	-	-	(325)	(989)	(1.986)	(3.294)	(4.909)	(6.833)	(9.070)	35 (11,621)	39 (14,491)	43 (17,681)	48	52	56	61 (33,704)	65	69 (43.716)	74	78 (55,098)
	oreciation Expense	x-ref S3a, line 6				318	712	768	(1,986)	(3,294)	(949)	(2,301)	19,070)	20,775	22,700	24,114	(21,194) 24,414	(25,034) 24,387	(29,203) 24,038	24,580	(38,541) 27,752	27.044	(49,234) 25,994	24.598
140	Dieciation Expense	x-rei 33a, iirie 0	-	-	-	310	/12	700	430	(00)	(545)	(2,301)	19,071	20,773	22,700	24,114	24,414	24,307	24,030	24,300	21,132	27,044	23,334	24,350
141 Retirements																								
142 Hardware			_	_	_	_	_	_	27	-	_	_	_	1,236	793	_	_	_	1,224	785	_	_	_	1,210
143 Software			_	_	_	_	_	-		_	_	(175)	(590)	-,		_	_	_	-,	395	_	_	-	-,
144 Land			_	-	-	-	-		-	-	-	()	(,	-	-	_	_	_	-		_	-	_	_
145 Buildings			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
146 Vendor Fee	s		-	-	-	-	-	-	-	-	-	9,798	245	-	-	-	-	-	-	-	-	-	-	-
147 Installer Fee			-	-	-	-	-	-	-	-	-	10,357	941	-	-	-	-	-	-	-	-	-	-	-
148 Internal Lab			-	-	-	-	-	-	-	-	-	1,591	-	-	-	-	-	-	-	(395)	-	-	-	-
149 Internal Mat	erials		-	-	-	-	-	-	-	-	-	1,458	167	-	-	-	-	-	-	3,160	-	-	-	-
150 Training			-	-	-	-	-	-	-	-	-	-	35	-	-	-	-	-	-	-	-	-	-	-
	O&M and Capitalized Overhead			-	-	-	-	-	- 07	-	-		700	4.000	700	-	-	-	4.004	0.045	-	-	-	4.040
152 Total Closing 153	Accumulated Depreciation	x-ref S3a, line 8	-	-	-	-	-	-	27	-	-	23,030	798	1,236	793	-	-	-	1,224	3,945	-	-	-	1,210
154 Depreciation Ex	mense																							
155 Hardware	poneo		_	_	(5)	(5)	(5)	(5)	(5)	_	(159)	(159)	(159)	(159)	89	90	90	90	90	335	337	337	337	337
156 Software			_	-	22	96	96	96	102	102	102	109	87	13	20	20	20	26	26	26	82	82	82	89
157 Land			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
158 Buildings			-	-	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)
159 Vendor Fee	s		-	-	` -	` -	` -	` -	`-'	` -	` -	` -	1,225	1,255	1,255	1,255	1,255	1,255	1,255	1,255	1,255	1,255	1,255	1,255
160 Installer Fee	es		-	-	312	639	639	639	639	639	639	639	1,934	2,052	2,052	2,052	2,052	2,052	2,052	2,052	2,052	2,052	2,052	2,052
161 Internal Lab			-	-	-	-	-	-	-	-	-	-	199	199	199	199	199	199	199	199	150	150	150	150
162 Internal Mat	erials		-	-	-	-	-	-	-	-	-	-	182	203	203	203	203	203	203	203	598	598	598	598
163 Training			-	-	-	-	-	-	-	-	-	-	-	4	4	4	4	4	4	4	4	4	4	4
	O&M and Capitalized Overhead			-	-	(325)	(664)	(997)	(1,308)	(1,615)	(1,924)	(2,237)	(2,552)	(2,869)	(3,190)	(3,513)	(3,840)	(4,169)	(4,501)	(4,837)	(5,175)	(5,518)	(5,864)	(6,214)
165 Total TGI Dep 166	preciation Expense	x-ref S3a, line 7	-	-	318	394	56	(278)	(582)	(884)	(1,352)	(1,657)	906	688	621	300	(27)	(349)	(682)	(772)	(708)	(1,050)	(1,396)	(1,740)
	ulated Depreciation																							
168 Hardware			-	-	(5)	(11)	(16)	(22)	-	0	(159)	(317)	(476)	602	1,484	1,574	1,664	1,754	3,068	4,188	4,525	4,862	5,198	6,745
169 Software			-	-	22	118	213	309	411	513	616	550	46	60	79	99	119	145	172	593	675	757	839	928
170 Land			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
171 Buildings			-	-	(10)	(21)	(31)	(41)	(51)	(62)	(72)	(82)	(92)	(103)	(113)	(123)	(134)	(144)	(154)	(164)	(175)	(185)	(195)	(205)
172 Vendor Fee			-	-	-	-	-	-	-	-	-	9,798	11,267	12,523	13,778	15,034	16,289	17,544	18,800	20,055	21,310	22,566	23,821	25,076
173 Installer Fee			-	-	312	951	1,590	2,229	2,869	3,508	4,147	15,143	18,019	20,070	22,122	24,173	26,225	28,276	30,328	32,379	34,431	36,482	38,534	40,585
174 Internal Lab			-	-	-	-	-	-	-	-	-	1,591	1,790	1,989	2,188	2,387	2,585	2,784	2,983	2,787	2,937	3,086	3,236	3,385
175 Internal Mat	erials		-	-	-	-	-	-	-	-	-	1,458	1,808	2,011	2,214	2,417	2,621	2,824	3,027	6,390	6,988	7,586	8,184	8,782
176 Training	OSM and Capitalized Overhead		-	-	-	(225)	(989)	(1,986)	(3,294)	(4.909)	(6,833)	(9.070)	35	39	43 (17,681)	48 (21,194)	52	56	(22.704)	65	69	74	78 (EE 000)	(64.242)
	O&M and Capitalized Overhead Accumulated Depreciation	x-ref S3a, line 9			318	(325) 712	768	(1,986)	(3,294)	(949)	(6,833)	19,070)	(11,621) 20,775	(14,491) 22,700	24.114	24,414	(25,034) 24,387	(29,203) 24,038	(33,704)	(38,541) 27,752	(43,716) 27,044	(49,234) 25,994	(55,098) 24,598	(61,312) 24.068
179	Accumulated Depreciation	x-161 33a, III16 9	-	-	310	/12	700	430	(00)	(343)	(2,301)	15,071	20,773	22,700	24,114	24,414	24,307	24,030	24,300	21,132	21,044	20,554	24,550	24,000
180 Opening GPIS			-		(1,976)	(2,582)	124	2,794	5,229	7,654	10,924	13,369	(7,140)	(5,395)	(4,119)	(1,540)	1,070	3,651	6,309	7,769	7,259	9,998	12,767	15,516
181 Closing GPIS			-	(1,976)	(2,582)	124	2,794	5,229	7,654	10,924	13,369	(7,140)	(5,395)	(4,119)	(1,540)	1,070	3,651	6,309	7,769	7,259	9,998	12,767	15,516	17,142
182 Mid-Year GPIS			-	(988)	(2,279)	(1,229)	1,459	4,012	6,441	9,289	12,146	3,115	(6,268)	(4,757)	(2,830)	(235)	2,360	4,980	7,039	7,514	8,629	11,382	14,141	16,329
183																								
	nulated Depreciation		-	-		318	712	768	490	(66)	(949)	(2,301)	19,071	20,775	22,700	24,114	24,414	24,387	24,038	24,580	27,752	27,044	25,994	24,598
	ulated Depreciation				318	712	768	490	(66)	(949)	(2,301)	19,071	20,775	22,700	24,114	24,414	24,387	24,038	24,580	27,752	27,044	25,994	24,598	24,068
186 Mid-Year Accur	nulated Depreciation		-	-	159	515	740	629	212	(508)	(1,625)	8,385	19,923	21,738	23,407	24,264	24,401	24,213	24,309	26,166	27,398	26,519	25,296	24,333
	et Plant in Service		_	(988)	(2,120)	(714)	2.199	4.640	6.653	8.781	10.521	11.500	13.656	16.980	20.577	24.029	26.761	29,193	31.348	33.680	36.027	37.901	39.437	40.662
189				()		` ''	,		-,	-,		,	-,				-,	-,						.,

S3b - Rate Base- Detail Attachment 7.2

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
400	TOLO-6 CIA CO O B				(29)												2024	80	2020	2021	37	2023	2030	(6)
190		x-ref S3a, line 11	-	-		(205)	(470)	(400)	(327)	(257)	(196)	(130)	(417)	(187)	136	123	98		70	47	3/	29	8	
191		x-ref S3a, line 12	-	(29)	(176)	(264)	69	/3	70	61	65	(316)	54	59	56	48	53	51	42	(325)	46	38	42	41
192	TGI Software CIAOC Retirements	x-ref S3a, line 13		-	-	-	-	-	-	-	-	29	176	264	(69)	(73)	(70)	(61)	(65)	316	(54)	(59)	(56)	(48)
193		x-ref S3a, line 14	-	(29)	(205)	(470)	(400)	(327)	(257)	(196)	(130)	(417)	(187)	136	123	98	80	70	47	37	29	8	(6)	(13)
194																								
195	TGI Software CIAOC Opening Balance Accumulated Depreciation	x-ref S3a, line 16	-	-	-	4	29	88	138	179	211	235	223	99	(142)	(90)	(32)	26	77	134	(188)	(139)	(84)	(28)
196		x-ref S3a, line 17	-	-	-	-	-	-	-	-	-	(29)	(176)	(264)	69	73	70	61	65	(316)	54	59	56	48
197	TGI Amortization of Software CIAOC	x-ref S3a, line 18	-	-	4	26	59	50	41	32	24	16	52	23	(17)	(15)	(12)	(10)	(9)	(6)	(5)	(4)	(1)	1
198	TGI Software CIAOC Closing Balance Accumulated Depreciation	x-ref S3a, line 19	-	-	4	29	88	138	179	211	235	223	99	(142)	(90)	(32)	26	77	134	(188)	(139)	(84)	(28)	20
199																								
200	TGI Mid Year Software CIAOC		-	(15)	(115)	(321)	(376)	(251)	(134)	(31)	60	(45)	(141)	(47)	13	49	86	126	163	15	(130)	(93)	(55)	(14)
201																								
202	TGI Opening Deferred Charges	x-ref S3a, line 26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
203	TGI O&M Deferred Charge Additions	S1, line 21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
204	TGI O&M Tax on Deferred Charge Additions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
205	TGI O&M Net Deferred Charge Additions	x-ref S3a, line 27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
206	TGI O&M Amortization Expense	x-ref S3a, line 28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
207	TGI O&M Deferred Charge AFUDC	S1, line 22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
208	TGI Closing Deferred Charges	x-ref S3a, line 29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
209	Capital Lease Rate Base		-	(822)	(734)	(647)	(559)	(472)	(386)	(299)	(213)	(128)	(43)	(806)	(720)	(634)	(548)	(463)	(378)	(293)	(209)	(125)	(42)	-
210	TGI Mid-Year Deferred Charges		-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-		-
211	In-Service Adjustment	x-ref S3a, line 33	-	-	329	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
212	TGI Ratebase	x-ref S3a, line 35	-	(1,825)	(2,640)	(1,681)	1,264	3,917	6,134	8,450	10,368	11,327	13,472	16,127	19,871	23,445	26,299	28,857	31,134	33,402	35,688	37,683	39,340	40,648

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	TGVI	Kelelelice	2010	2011	2012	2013	2014	2013	2010	2017	2010	2019	2020	2021	2022	2023	2024	2023	2020	2021	2020	2023	2030	2031
213	Capital Spending																							
214	Hardware		1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
215 216	Software Land		(6)	(82)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
217	Buildings		71	-		-		-		-		-			-	-	-		-				-	-
218	Vendor Fees		-	-	(30)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
219	Installer Fees		(9)	(445)	(460)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
220 221	Internal Labour Internal Materials		-	-	(20)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
222	Training				(4)							-				-			-					
223	Incremental O&M			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
224	Total Spend	x-ref S6, line 48	57	(526)	(514)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
225 226	Opening WIP																							
227	Hardware		-	1	(0)	-	-	-	_	-	-	-	-	_	-	-	-	-	-	_	_	-	-	-
228	Software		-	(6)	(71)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
229 230	Land Buildings		- 5	- 70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
231	Vendor Fees		-	78	(3)	-		-		-		-			-	-	-		-				-	-
232	Installer Fees		-	(9)	(164)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
233	Internal Labour		-	-	(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
234 235	Internal Materials Training		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
236	Incremental O&M			-								-				-	-		-					-
237	Total Opening WIP	x-ref S1, line 18 &	5	64	(238)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
238 239	Additions	x-ref S6, line 48		2																				
239	Hardware Software		1 (6)	(86)				-				-				-	-		-	-		-		-
241	Land		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
242	Buildings		73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
243	Vendor Fees		- (0)	(3)	(30)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
244 245	Installer Fees Internal Labour		(9)	(451) (1)	(460)			-				-			-	-	-						-	-
246	Internal Materials		_	-	(20)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	_	-
247	Training		-	-	(4)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
248	Incremental O&M			(500)	(54.4)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
249 250	Total Additions In-service	x-ref S1, line 18	59	(538)	(514)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
251	Hardware		-	(3)	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
252	Software		-	21	71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
253 254	Land Buildings		-	(70)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
255	Vendor Fees			(78)	32							-				-	-		-					-
256	Installer Fees		-	297	624	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
257	Internal Labour		-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
258 259	Internal Materials Training			-	20 4		-			-		-	-		-		-	-	-			-	-	-
260	Incremental O&M		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
261	Total In-service		-	236	753	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
262 263	Closing WIP Hardware		1	(0)																				
263 264	Software		(6)	(71)	-	-	-	-	-	-	-	-	-		-	-	-	-	-		-	-	-	
265	Land		-	`-'	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
266 267	Buildings		78	- (2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
267	Vendor Fees Installer Fees		(9)	(3) (164)	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-
269	Internal Labour		-	(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
270	Internal Materials		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
271 272	Training Incremental O&M		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
273	TGVI Total Closing WIP		64	(238)														-					- :	<del></del>
274				(===)																				
275										401					4.0									
276 277	Hardware Software		-	-	-	-	-	(7)	-	104	(7)	-	-	(7)	113	-	(8)	-	-	121 (8)	-	-	(8)	-
278	Land		-	-	-	-	-	- (1)	-	-	(1)	-	-	(1)	-	-	(0)	-	-	(0)	-	-	(0)	
279	Buildings		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
280	Vendor Fees		-	-	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
281 282	Installer Fees Internal Labour		-	-	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
283	Internal Materials		_	-	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
284	Training		-	-	4										-		-	-	-	-	-	-	-	
285 286	Capitalized Overhead Total Recurring Plant Additions			-	315 678	333 333	334 334	316 310	317 317	326 430	335 328	343 343	352 352	362 354	371 484	381 381	391 384	402 402	413 413		436 436	449 449	462 453	476 476
287	Total Noodilling Flant Additions		-	-	010	333	334	310	317	430	320	343	302	334	404	301	304	402	413	530	+30	449	400	470

S3b - Rate Base- Detail

Attachment 7.2

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
288	Opening Plant Balance																							
289	Hardware		-	-	3	3	3	3	3	(0)	104	104	104	104	104	113	113	113	113	113	121	121	121	121
290	Software		-	-	(21)	(92)	(92)	(92)	(98)	(98)	(98)	(106)	(85)	(14)	(21)	(21)	(14)	(22)	(22)	(15)	(23)	(23)	(16)	(24)
291	Land		-	-																				
292	Buildings		-	-	78	78	78	78	78	78	78	78	766	766	766	766	766	766	766	766	766	766	766	766
293	Vendor Fees		-	-	-	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(30)	(30)	(30)	(30)	(30)	(30)	(30)	(30)	(30)	(30)	(30)
294	Installer Fees		-	-	(297)	(611)	(611)	(611)	(611)	(611)	(611)	(611)	(315)	(430)	(430)	(430)	(430)	(430)	(430)	(430)	(430)	(430)	(430)	(430)
295	Internal Labour		-	-	-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-	-	-	-	-	-	-	-	-
296	Internal Materials		-	-	-	-	-	-	-	-	-	-	-	(20)	(20)	(20)	(20)	(20)	(20)	(20)	(20)	(20)	(20)	(20)
297	Training		-	-	-	-	-	-	-	-	-	-	-	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
298	Incremental O&M and Capitalized Overhead			-	-	315	647	981	1,298	1,615	1,941	2,275	2,619	2,657	2,686	2,723	2,788	2,862	2,938	3,016	3,097	3,180	3,267	3,357
299	Total Opening Plant Balance	x-ref S3a, line 36	-	-	(236)	(310)	22	356	666	980	1,410	1,738	3,087	3,029	3,051	3,097	3,168	3,235	3,310	3,396	3,477	3,561	3,655	3,737
300																								
301	Additions																							
302	Hardware		-	3	(0)	-	-	-	-	104	-	-	-	-	113	-	-	-	-	121	-	-	-	-
303	Software		-	(21)	(71)	-	-	(7)	-	-	(7)	-	-	(7)	-	-	(8)	-	-	(8)	-	-	(8)	-
304	Land		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
305	Buildings		-	78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
306	Vendor Fees		-	-	(3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
307	Installer Fees		-	(297)	(315)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
308	Internal Labour		-	-	(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
309	Internal Materials		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
310	Training		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
311	Incremental O&M and Capitalized Overhead			-	315	333	334	316	317	326	335	343	352	362	371	381	391	402	413	424	436	449	462	476
312	Total Additions	x-ref S3a, line 37	-	(236)	(74)	333	334	310	317	430	328	343	352	354	484	381	384	402	413	538	436	449	453	476
313																								
314	Retirements																							
315	Hardware		-	-	-	-	-	-	(3)	0	-	-	-	-	(104)	-	-	-	-	(113)	-	-	-	-
316	Software		-	-	-	-	-	-	-	-	-	21	71	-	-	7	-	-	7	-	-	7	-	-
317	Land		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
318	Buildings		-	-	-	-	-	-	-	-	-	688		-	-	-	-	-	-	-	-	-	-	-
319	Vendor Fees		-	-	-	-	-	-	-	-	-		(27)	-	-	-	-	-	-	-	-	-	-	-
320	Installer Fees		-	-	-	-	-	-	-	-	-	297	(116)	-	-	-	-	-	-	-	-	-	-	-
321	Internal Labour		-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
322	Internal Materials		-	-	-	-	-	-	-	-	-	-	(20)	-	-	-	-	-	-	-	-	-	-	-
323	Training		-	-	-	-	-	-	-	-	-	-	(4)	-	-	-	-	-	-	-	-	-	-	-
324	Incremental O&M and Capitalized Overhead			-	-	-		-			-		(315)	(333)	(334)	(316)	(317)	(326)	(335)	(343)	(352)	(362)	(371)	(381)
325	Total Retirements	x-ref S3a, line 38	-	-	-	-	-	-	(3)	0	-	1,006	(410)	(333)	(438)	(310)	(317)	(326)	(328)	(456)	(352)	(354)	(371)	(381)
326																								
327	Closing Plant Balance																							
328	Hardware		-	3	3	3	3	3	(0)	104	104	104	104	104	113	113	113	113	113	121	121	121	121	121
329	Software		-	(21)	(92)	(92)	(92)	(98)	(98)	(98)	(106)	(85)	(14)	(21)	(21)	(14)	(22)	(22)	(15)	(23)	(23)	(16)	(24)	(24)
330	Land		-																					
331	Buildings		-	78	78	78	78	78	78	78	78	766	766	766	766	766	766	766	766	766	766	766	766	766
332	Vendor Fees		-		(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(30)	(30)	(30)	(30)	(30)	(30)	(30)	(30)	(30)	(30)	(30)	(30)
333	Installer Fees		-	(297)	(611)	(611)	(611)	(611)	(611)	(611)	(611)	(315)	(430)	(430)	(430)	(430)	(430)	(430)	(430)	(430)	(430)	(430)	(430)	(430)
334	Internal Labour		-	-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-	-	-	-	-	-	- (00)	-	-	-
335	Internal Materials		-	-	-	-	-	-	-	-	-	-	(20)	(20)	(20)	(20)	(20)	(20)	(20)	(20)	(20)	(20)	(20)	(20)
336	Training		-	-	-	-	-				-		(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
337	Incremental O&M and Capitalized Overhead			- (000)	315	647	981	1,298	1,615	1,941	2,275	2,619	2,657	2,686	2,723	2,788	2,862	2,938	3,016	3,097	3,180	3,267	3,357	3,452
338 339	Total Closing Plant Balance	x-ref S3a, line 39	-	(236)	(310)	22	356	666	980	1,410	1,738	3,087	3,029	3,051	3,097	3,168	3,235	3,310	3,396	3,477	3,561	3,655	3,737	3,831

S3b - Rate Base- Detail

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
340																								
341			-	-	-	(1)	(1)	(2)	(2)	0	0	(21)	(42)	(63)	(84)	-	(23)	(45)	(68)	(90)	(0)	(24)	(49)	(73)
342			-	-	-	3	14	26	37	49	62	74	66	6	8	10	6	8	11	7	8	11	7	9
343			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(200)	-	-	-
344			-	-	-	(1)	(2)	(4)	(5)	(6)	(7)	(8)	(698)	(710)	(721)	(733) 37	(745)	(757)	(769)	(780)	(792)	(804)	(816)	(828)
345 346			-	-	-	37	0 113	1 190	266	343	2 419	2 495	2 275	30 430	33 484	538	41 592	44 646	48 699	52 753	55 807	59 861	63 914	67 968
346			-	-	-	37	113	190	266	343 0	419	495	2/5	430	484 0	538	592	046	699	753	807	861	914	968
348			-				0					-		20	23	25	28	30	33	35	38	40	43	45
349					_	_			_		_	_		20	5	5	6	6	7	7	8	8	9	9
350							(39)	(120)	(243)	(405)	(607)	(850)	(1.134)	(1.147)	(1,146)	(1,148)	(1,172)	(1,203)	(1,235)	(1,268)	(1.301)	(1,336)	(1,372)	(1,409)
351		x-ref S3a, line 41				38	85	91	54	(17)	(131)	(307)	(1,529)	(1,429)	(1,398)	(1,265)	(1,267)	(1,270)	(1,273)	(1,284)	(1,177)	(1,184)	(1,200)	(1,210)
352		x 101 00a, iii10 11				00		٠.	0.	(,	(.0.)	(00.)	(1,020)	(1,120)	(1,000)	(1,200)	(1,201)	(1,270)	(1,210)	(1,201)	(1,111)	(1,101)	(1,200)	(1,210)
353	Retirements																							
354	Hardware		-	-	-	-	-	-	3	(0)	-	-	-	-	104	-	-	-	-	113	-	-	-	-
355	Software		-	-	-	-	-	-	-	-	-	(21)	(71)	-	-	(7)	-	-	(7)	-	-	(7)	-	-
356	Land		-	-	-	-	-	-	-	-	-	` -	` -	-	-	-	-	-	-	-	-	-	-	-
357	Buildings		-	-	-	-	-	-	-	-	-	(688)	-	-	-	-	-	-	-	-	-	-	-	-
358			-	-	-	-	-	-	-	-	-	-	27	-	-	-	-	-	-	-	-	-	-	-
359			-	-	-	-	-	-	-	-	-	(297)	116	-	-	-	-	-	-	-	-	-	-	-
360			-	-	-	-	-	-	-	-	-	-	(1)	-	-	-	-	-	-	-	-	-	-	-
361			-	-	-	-	-	-	-	-	-	-	20	-	-	-	-	-	-	-	-	-	-	-
362			-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-
363				-	-	-		-			•		315	333	334	316	317	326	335	343	352	362	371	381
364		x-ref S3a, line 43	-	-	-	-	-	-	3	(0)	-	(1,006)	410	333	438	310	317	326	328	456	352	354	371	381
365																								
366 367					(4)	(4)	(4)	(4)	(4)	0	(24)	(24)	(24)	(24)	(24)	(22)	(22)	(22)	(22)	(22)	(24)	(24)	(24)	(24)
368			-	-	(1)	(1) 11	(1) 11	(1) 11	(1) 12	12	(21) 12	(21) 13	(21) 11	(21)	(21)	(23)	(23)	(23)	(23)	(23)	(24)	(24)	(24)	(24)
369			-	-	3	- 11	- 11	- 11	12	12	12	13	- 11	2	3	3	-	3	3	2	3		2	3
370			-	-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)
371					(1)	(1)	0	0	0	0	(1)	0	0	4	4	4	4	4	4	4	4	4	4	4
372				_	37	76	76	76	76	76	76	76	39	54	54	54	54	54	54	54	54	54	54	54
373				_	-	0	0	0	0	0	0	0	0	-	3-	3-	-	-	3-	34	-	34	-	-
374						-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3
375			_	_	_	_	_	_	_	_	_	_	_	1	1	1	1	1	1	1	1	1	1	1
376			-	-	_	(39)	(81)	(123)	(162)	(202)	(243)	(284)	(327)	(332)	(336)	(340)	(348)	(358)	(367)	(377)	(387)	(398)	(408)	(420)
377		x-ref S3a, line 42	-	-	38	47	6	(36)	(75)	(114)	(176)	(217)	(310)	(302)	(305)	(311)	(320)	(329)	(338)	(349)	(360)	(370)	(382)	(392)
378																								
379																								
380			-	-	(1)	(1)	(2)	(2)	0	0	(21)	(42)	(63)	(84)	-	(23)	(45)	(68)	(90)	(0)	(24)	(49)	(73)	(97)
381			-	-	3	14	26	37	49	62	74	66	6	8	10	6	8	11	7	8	11	7	9	12
382			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
383			-	-	(1)	(2)	(4)	(5)	(6)	(7)	(8)	(698)	(710)	(721)	(733)	(745)	(757)	(769)	(780)	(792)	(804)	(816)	(828)	(839)
384			-	-	-	0	1	1	1	2	2	2	30	33	37	41	44	48	52	55	59	63	67	70
385 386			-	-	37	113	190 0	266 0	343	419 0	495 0	275 0	430 0	484 0	538 0	592 0	646 0	699 0	753 0	807 0	861 0	914 0	968 0	1,022 0
386			-	-	-	U	U	U	U	U	0	U	20	23	25	28		33	35	38	40		45	48
388			-	-	-	-	-	-	-	-	-	-	4	23 5	25 5	6	30 6	7	7	30 8	8	43 9	45 9	10
389			-	-	-	(39)	(120)	(243)	(405)	(607)	(850)	(1,134)	(1,147)	(1,146)	(1.148)	(1,172)	(1,203)	(1,235)	(1,268)	(1,301)	(1,336)	(1,372)	(1,409)	(1,447)
390		x-ref S3a, line 44			38	85	91	54	(17)	(131)	(307)	(1,529)	(1,429)	(1,398)	(1,146)	(1,172)	(1,270)	(1,273)	(1,284)	(1,177)	(1,184)	(1,200)	(1,210)	(1,221)
391		x-161 00a, iii16 44			30	00	31	34	(17)	(131)	(501)	(1,023)	(1,423)	(1,550)	(1,200)	(1,207)	(1,270)	(1,275)	(1,204)	(1,177)	(1,104)	(1,200)	(1,210)	(1,221)
392			-	_	(236)	(310)	22	356	666	980	1,410	1,738	3,087	3,029	3,051	3,097	3,168	3,235	3,310	3,396	3,477	3,561	3,655	3,737
393	Closing GPIS		-	(236)	(310)	22	356	666	980	1.410	1.738	3.087	3,029	3.051	3.097	3.168	3,235	3.310	3,396	3.477	3.561	3.655	3.737	3,831
394				(118)	(273)	(144)	189	511	823	1,195	1,574	2,413	3,058	3,040	3,074	3,132	3,201	3,272	3,353	3,436	3,519	3,608	3,696	3,784
395				` -/	7	` '		- '			*-		.,		-,-	-, -	-, -		-,	-,	-,	- 4	.,	-, -
396			-	-	-	38	85	91	54	(17)	(131)	(307)	(1,529)	(1,429)	(1,398)	(1,265)	(1,267)	(1,270)	(1,273)	(1,284)	(1,177)	(1,184)	(1,200)	(1,210)
397			-	-	38	85	91	54	(17)	(131)	(307)	(1,529)	(1,429)	(1,398)	(1,265)	(1,267)	(1,270)	(1,273)	(1,284)	(1,177)	(1,184)	(1,200)	(1,210)	(1,221)
398			-	-	19	61	88	72	18	(74)	(219)	(918)	(1,479)	(1,414)	(1,332)	(1,266)	(1,269)	(1,272)	(1,279)	(1,230)	(1,180)	(1,192)	(1,205)	(1,216)
399																								
400			-	(118)	(254)	(83)	277	584	841	1,121	1,355	1,494	1,579	1,627	1,742	1,866	1,933	2,001	2,074	2,206	2,338	2,416	2,491	2,568
401																								

S3b - Rate Base- Detail Attachment 7.2

		Deference	2010	2011	2012	2012	2014	2015	2016	2017	2010	2010	2020	2021	2022	2022	2024	2025	2026	2027	2028	2029	2030	2031
		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2020	2027	2028	2029	2030	2031
	TGVI Software CIAOC Opening Balance	x-ref S3a, line 46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TGVI Software CIAOC Additions	x-ref S3a, line 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
404	TGVI Software CIAOC Retirements	x-ref S3a, line 48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
405	TGVI Software CIAOC Closing Balance	x-ref S3a, line 49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
406																								
407	TGVI Software CIAOC Opening Balance Accumulated Depreciation	x-ref S3a, line 51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
408	TGVI Software CIAOC Retirements	x-ref S3a, line 52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
409	TGVI Amortization of Software CIAOC	x-ref S3a, line 53	_	-	-	_	-	-	-	-	-	-	-	_	-	-	-	-	-	-	_	-	_	-
410	TGVI Software CIAOC Closing Balance Accumulated Depreciation	x-ref S3a, line 54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
411	· ·																							
	TGVI Mid Year Software CIAOC		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	-
413																								
414	TGVI Opening Deferred Charges	x-ref S3a, line 61	_	-	(1)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
415		S1, line 21	_	-	- '-	`-'	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
416	TGVI O&M Tax on Deferred Charge Additions		_	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
417	TGVI O&M Net Deferred Charge Additions	x-ref S3a, line 62	_	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
418	TGVI O&M Amortization Expense	x-ref S3a, line 63	-	-	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
419	TGVI O&M Deferred Charge AFUDC	S1, line 22	-	(1)	_	-	-	_	-	-	_	_	-	-	-	-	-	-	-	-	-	-	-	-
420	TGVI Closing Deferred Charges	x-ref S3a, line 64	_	(1)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
	Capital Lease Rate Base		_	(98)	(89)	(80)	(70)	(60)	(50)	(39)	(29)	(17)	(6)	(114)	(103)	(93)	(81)	(70)	(58)	(46)	(33)	(20)	(7)	-
	TGVI Mid-Year Deferred Charges		_		(1)	(1)	(0)	(0)	(0)	(0)	(0)	`(o)	-	` _′	,	-		,	-	,	,	,	`-'	_
	In-Service Adjustment	x-ref S3a, line 68	-	-	40	(-/	-	-	-	-	-	(-/	_	_	_	_	_	_	_	_	_	_	_	_
	TGVI Ratebase	x-ref S3a, line 70	_	(216)	(304)	(163)	207	523	791	1.081	1 326	1.477	1.573	1.513	1.639	1 774	1.851	1 931	2.016	2.160	2.305	2.396	2.484	2.568
727	TOTT Nationals	x-161 00a, iii16 70		(210)	(504)	(100)	201	020	751	1,001	1,020	1,777	1,070	1,010	1,000	1,777	1,001	1,551	2,010	2,100	2,000	2,000	2,404	2,000

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
TGW																							
425 Capital Spending																							
426 Hardware		0		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
427 Software 428 Land		(0)	(2)	-		- :					-			-									-
429 Buildings		2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
430 Vendor Fees 431 Installer Fees		- (0)	(44)	(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
431 Installer Fees 432 Internal Labour		(0)	(11)	(11)	-		-	-	-	-	-	-		-					-	-		-	-
433 Internal Materials		-	-	(1)	-	-		-	-		-	-	-	-	-	-	-	-	-	-	-		-
434 Training		-	-	(0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
435 Incremental O&M 436 Total Spend	x-ref S6, line 65	1	(13)	(13)		-	-				-			-	-			-			-		
437	X-161 00, III16 00		(13)	(13)																			
438 Opening WIP																							
439 Hardware 440 Software		-	0 (0)	(2)			-	-	-	-	-	-	-	-	-	-	-	-	-			-	-
441 Land		-	- (0)	(2)	-	-	-	_	-	-	-	-	-	-	-	-	-	-	-	-	-		-
442 Buildings		0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
443 Vendor Fees 444 Installer Fees		-	(0)	(4)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
445 Internal Labour		-	(0)	(4)			-	-		-	-	-			-	-							
446 Internal Materials		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
447 Training		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
448 Incremental O&M 449 Total Opening WIP	x-ref S1, line 18 &	- 0	2	(6)																		<del></del>	<del></del> -
450 Additions	x-ref S6, line 65	0	-	(0)																			
451 Hardware		0		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
452 Software 453 Land		(0)	(2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
454 Buildings		2								-						-			-				-
455 Vendor Fees		-	-	(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
456 Installer Fees		(0)	(11)	(11)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
457 Internal Labour 458 Internal Materials		-	-	(4)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
459 Training		-		(1) (0)						-						-			-				-
460 Incremental O&M			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
461 Total Additions	x-ref S1, line 18	2	(13)	(13)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
462 In-service 463 Hardware		_	(0)	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
464 Software		-	1	2	-	-	-	_	-	-	-	-	-	-	-	-	-	-	-	-	-		-
465 Land		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
466 Buildings 467 Vendor Fees		-	(2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
468 Installer Fees			7	16												-							_
469 Internal Labour		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
470 Internal Materials 471 Training		-	-	1 0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
472 Incremental O&M		-		-						-						-			-				-
473 Total In-service		-	6	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
474 Closing WIP																							
475 Hardware 476 Software		0 (0)		-	-		-	-	- :	-	-		-		-	-		-		-		-	
477 Land		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
478 Buildings		2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
479 Vendor Fees 480 Installer Fees		(0)	(4)	-	-			-	-		-	-		-		-						-	-
481 Internal Labour		(0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
482 Internal Materials		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
483 Training 484 Incremental O&M		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
485 TGW Total Closing WIP		2	(6)			-								-			-				-	-	<del></del>
486																							
487 Recurring Plant Additions 488 Hardware									2					2					2				
488 Hardware 489 Software		-	-	-	-		(0)	-	2	(0)	-		(0)	2	-	(0)	-	-	3 (0)	-	-	(0)	
490 Land		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
491 Buildings		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
492 Vendor Fees 493 Installer Fees		-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	
493 Installer Fees 494 Internal Labour		-	-	-	-			-		-	-		-	-	-	-		-	-	-		-	-
495 Internal Materials		-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
496 Training		-	-	0	-	-	- 8	-	-	- 8	- 8	-	-	-	- 8	- 8	- 9	- 9	- 9	- 9	- 9	- 9	-
497 Capitalized Overhead 498 Total Recurring Plant Additions				17	8	8	7	7	8 10	8	8	<u>8</u> 8	8	11	8	8	9	9		9	9	9	9
499					Ü	Ü	,	,	.0	0	Ü	Ü			3		3	3		3	3	3	Ü

S3b - Rate Base- Detail

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
500 Opening Plant Balance		-																	-				
501 Hardware		-	-	0	0	0	0	0	-	2	2	2	2	2	2	2	2	2	2	3	3	3	3
502 Software		-	-	(1)	(2)	(2)	(2)	(2)	(2)	(2)	(3)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(1)
503 Land		-	-	-	`-'		`-'	-		`-'	-		-	-	-	-	-	-	-	-	-	-	-
504 Buildings		-	-	2	2	2	2	2	2	2	2	19	19	19	19	19	19	19	19	19	19	19	19
505 Vendor Fees		-	-	-	-	-	-	-	-	-	-	-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
506 Installer Fees		-	-	(7)	(15)	(15)	(15)	(15)	(15)	(15)	(15)	(8)	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)
507 Internal Labour		-	-	`-'		-		-		-	,	-	` -′	` -′	` -'	` -	` -′	` -	` -	` -	` -′	` -'	` -′
508 Internal Materials		-	-	-	-	-	-	-	-	-	-	-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
509 Training		-	-	-	-	-	-	-	-	-	-	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
510 Incremental O&M and Capitalized Overhead		-	-	-	8	16	24	32	39	47	54	62	62	62	62	63	64	65	66	67	68	69	70
511 Total Opening Plant Balance	x-ref S3a, line 71		-	(6)	(8)	0	8	16	23	33	41	74	72	72	72	73	73	74	75	76	77	78	79
512				(-)	(-)																		
513 Additions																							
514 Hardware		-	0	-	-	-	-	-	2	-	-	-	-	2	-	-	-	-	3	-	-	-	-
515 Software		-	(1)	(2)	-	-	(0)	-	-	(0)	-	-	(0)	-	-	(0)	-	-	(0)	-	-	(0)	-
516 Land		-	`-		-	-		-	-		-	-	`-	-	-	- '-	-	-		-	-		-
517 Buildings		-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
518 Vendor Fees		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
519 Installer Fees		-	(7)	(8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
520 Internal Labour		-	`-	- '-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
521 Internal Materials		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
522 Training		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
523 Incremental O&M and Capitalized Overhead		-	-	8	8	8	8	7	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9
524 Total Additions	x-ref S3a, line 72		(6)	(2)	8	8	7	7	10	8	8	8	8	11	8	8	9	9	11	9	9	9	9
525																							
526 Retirements																							
527 Hardware		-	-	-	-	-	-	(0)	-	-	-	-	-	(2)	-	-	-	-	(2)	-	-	-	-
528 Software		-	-	-	-	-	-	-	-	-	1	2	-	-	0	-	-	0	-	-	0	-	-
529 Land		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
530 Buildings		-	-	-	-	-	-	-	-	-	17	-	-	-	-	-	-	-	-	-	-	-	-
531 Vendor Fees		-	-	-	-	-	-	-	-	-	-	(1)	-	-	-	-	-	-	-	-	-	-	-
532 Installer Fees		-	-	-	-	-	-	-	-	-	7	(3)	-	-	-	-	-	-	-	-	-	-	-
533 Internal Labour		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
534 Internal Materials		-	-	-	-	-	-	-	-	-	-	(1)	-	-	-	-	-	-	-	-	-	-	-
535 Training		-	-	-	-	-	-	-	-	-	-	(0)	-	-	-	-	-	-	-	-	-	-	-
536 Incremental O&M and Capitalized Overhead			-	-	-	-	-	-	-	-	-	(8)	(8)	(8)	(8)	(7)	(8)	(8)	(8)	(8)	(8)	(8)	(8)
537 Total Retirements	x-ref S3a, line 73	-	-	-	-	-	-	(0)	-	-	25	(10)	(8)	(11)	(7)	(7)	(8)	(8)	(10)	(8)	(8)	(8)	(8)
538																							
539 Closing Plant Balance																							
540 Hardware		-	0	0	0	0	0	-	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
541 Software		-	(1)	(2)	(2)	(2)	(2)	(2)	(2)	(3)	(2)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(1)	(1)
542 Land		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
543 Buildings		-	2	2	2	2	2	2	2	2	19	19	19	19	19	19	19	19	19	19	19	19	19
544 Vendor Fees		-	-	-	-	-	-	-	-	-	-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
545 Installer Fees		-	(7)	(15)	(15)	(15)	(15)	(15)	(15)	(15)	(8)	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)
546 Internal Labour		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
547 Internal Materials		-	-	-	-	-	-	-	-	-	-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
548 Training		-	-	-	-	-	-	-	-	-	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
549 Incremental O&M and Capitalized Overhead			-	8	16	24	32	39	47	54	62	62	62	62	63	64	65	66	67	68	69	70	71
550 Total Closing Plant Balance	x-ref S3a, line 74	-	(6)	(8)	0	8	16	23	33	41	74	72	72	72	73	73	74	75	76	77	78	79	81
551																							

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
552 Opening Accumulated Depreciation		,																					
553 Hardware		-	-	-	(0)	(0)	(0)	(0)	-	-	(0)	(1)	(1)	(2)	(0)	(0)	(1)	(1)	(2)	(0)	(1)	(1)	(2)
554 Software		-	-	-	0	0	1	1	1	2	2	2	0	0	0	0	0	0	0	0	0	0	0
555 Land		-	-	-	-	-	-			-	-								-		-		-
556 Buildings		-	-	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(18)	(18)	(18)	(19)	(19)	(19)	(19)	(20)	(20)	(20)	(21)	(21)
557 Vendor Fees 558 Installer Fees		-	-	-	-	3	5	- 7	9	11	12	7	1 11	1 12	1	1 15	1 16	1 17	1 19	1 20	1 21	2 23	2 24
559 Internal Labour		-	-	-	'	3	5	,	9	- 11	12	,	- 11	12	13	15	10	17	19	20	- 21	23	24
560 Internal Materials													1	1	1	1	1	1	1	1	1	1	1
561 Training		_	_	_	_	-	_	_			_	-	0	0	0	0	0	0	0	0	Ö	0	0
562 Incremental O&M and Capitalized Overhead		_	_	_	_	(1)	(3)	(6)	(10)	(15)	(21)	(27)	(27)	(27)	(27)	(27)	(27)	(28)	(28)	(29)	(29)	(29)	(30)
563 Total TGW Depreciation Expense	x-ref S3a, line 76	-	-	-	1	2	2	1	(0)	(3)	(7)	(38)	(35)	(34)	(30)	(30)	(29)	(29)	(29)	(26)	(26)	(25)	(25)
564									(-/	(-)	` '	()	()	(- /	(,	()	( - /	( - /	( -/	( -/	( -/	,	( -/
565 Retirements																							
566 Hardware		-	-	-	-	-	-	0	-	-	-	-	-	2	-	-	-	-	2	-	-	-	-
567 Software		-	-	-	-	-	-	-	-	-	(1)	(2)	-	-	(0)	-	-	(0)	-	-	(0)	-	-
568 Land		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
569 Buildings		-	-	-	-	-	-	-	-	-	(17)		-	-	-	-	-	-	-	-	-	-	-
570 Vendor Fees		-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
571 Installer Fees 572 Internal Labour		-	-	-	-	-	-	-	-	-	(7)	3	-	-	-	-	-	-	-	-	-	-	-
573 Internal Materials		-	-	-	-	-	-	-	-	-	-	- 1	-	-	-	-	-	-	-	-	-	-	-
574 Training												0											
575 Incremental O&M and Capitalized Overhead		_	_	_	_	_	_	_	_	-	_	8	8	8	8	7	8	8	8	8	8	8	8
576 Total Closing Accumulated Depreciation	x-ref S3a, line 78		-	-	-	-	-	0	-	-	(25)	10	8	11	7	7	8	8	10	8	8	8	8
577											,												
578 Depreciation Expense																							
579 Hardware		-	-	(0)	(0)	(0)	(0)	(0)	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(1)	(1)	(1)	(1)
580 Software		-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
581 Land		-	-	-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-
582 Buildings		-	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
583 Vendor Fees		-	-		-	2	2	-	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0
584 Installer Fees 585 Internal Labour		-	-	'	2	2	2	2	2	2	2		'	'	'		'	'			'	'	1
586 Internal Materials		-	-	-	-	-	-		-	-	-		0	0	0	0	0	0	0	0	0	0	0
587 Training				-				-	- :				0	0	0	0	0	0	0	0	0	0	0
588 Incremental O&M and Capitalized Overhead		_	_	_	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(9)	(9)
589 Total TGW Depreciation Expense	x-ref S3a, line 77	-	-	1	1	0	(1)	(2)	(3)	(4)	(5)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(8)	(8)	(8)	(8)
590							` '	. ,	(-)	. ,	(-,	. ,	. ,	( /	` '	( )	. ,	( )	. ,	(-)	(-)	(-)	(-)
591 Closing Accumulated Depreciation																							
592 Hardware		-	-	(0)	(0)	(0)	(0)	-	-	(0)	(1)	(1)	(2)	(0)	(0)	(1)	(1)	(2)	(0)	(1)	(1)	(2)	(2)
593 Software		-	-	0	0	1	1	1	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0
594 Land		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- (4.0)	-	-	-	-	-	-
595 Buildings 596 Vendor Fees		-	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(18)	(18)	(18)	(19)	(19)	(19)	(19)	(20)	(20)	(20)	(21)	(21)	(21)
597 Installer Fees		-	-	- 1	2	5	7	-	11	12	7	11	12	13	15	16	17	19	20	21	23	24	25
598 Internal Labour					-	-		-	- "	12	,	- ''	12	-	- 13	-	"-	19	20	- 21	-	24	- 25
599 Internal Materials		_	_	_	_	_	_	_	-	-	_	1	1	1	1	1	1	1	1	1	1	1	1
600 Training		_	_	-	_	-	-	-	_	-	-	Ó	Ó	Ó	0	Ó	ó	Ó	0	Ó	Ó	Ö	Ó
601 Incremental O&M and Capitalized Overhead		-	-	-	(1)	(3)	(6)	(10)	(15)	(21)	(27)	(27)	(27)	(27)	(27)	(27)	(28)	(28)	(29)	(29)	(29)	(30)	(30)
602 Total Closing Accumulated Depreciation	x-ref S3a, line 79		-	1	2	2	1	(0)	(3)	(7)	(38)	(35)	(34)	(30)	(30)	(29)	(29)	(29)	(26)	(26)	(25)	(25)	(25)
603																							
604 Opening GPIS		-	-	(6)	(8)	0	8	16	23	33	41	74	72	72	72	73	73	74	75	76	77	78	79
605 Closing GPIS			(6)	(8)	0	8	16	23	33	41	74	72	72	72	73	73	74	75	76	77	78	79	81
606 Mid-Year GPIS		-	(3)	(7)	(4)	4	12	20	28	37	58	73	72	72	72	73	74	75	76	77	78	79	80
607									(0)	(0)	(7)	(00)	(05)	(0.4)	(00)	(00)	(00)	(00)	(00)	(00)	(00)	(05)	(05)
608 Opening Accumulated Depreciation 609 Closing Accumulated Depreciation		-	-	1	1	2	2	(0)	(0)	(3)	(7)	(38)	(35) (34)	(34)	(30)	(30) (29)	(29)	(29)	(29)	(26)	(26) (25)	(25)	(25)
609 Closing Accumulated Depreciation 610 Mid-Year Accumulated Depreciation				0	2	2	2	(0)	(3)	(7) (5)	(38)	(35)	(34)	(30)	(30)	(29)	(29)	(29) (29)	(26)	(26) (26)	(25)	(25) (25)	(25)
611		-	-	J	2	2	2		(2)	(3)	(22)	(30)	(34)	(32)	(30)	(23)	(23)	(23)	(21)	(20)	(23)	(23)	(23)
612 TGW Mid-Year Net Plant in Service		_	(3)	(6)	(2)	7	14	20	27	32	35	37	38	40	42	44	45	46	49	51	52	54	55
5.2			(3)	(3)	(-)	,					55	٠.					.0		.5	٠.		٥.	

S3b - Rate Base- Detail Attachment 7.2

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
613		Reference	2010	2011	2012	2010	2014	2010	2010	2017	2010	2013	2020	2021	2022	2020	2027	2020	2020	2021	2020	2023	2000	2001
	TGW Software CIAOC Opening Balance	x-ref S3a, line 81	_	_	-	_	_	-	_	_	_	_	_	_	-	_	_	-	_	_	_	-	_	_
	TGW Software CIAOC Additions	x-ref S3a, line 82	-	_	-	_	_	-	_		_	_	_	_	-	_		_	-	_	_	-		_
	TGW Software CIAOC Retirements	x-ref S3a, line 83	-	-	-	-	-	-	-	-	_	-	-	-	-	-	-	-	-	-	-	-	-	-
	TGW Software CIAOC Closing Balance	x-ref S3a, line 84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
618	, <b>,</b>																							
619	TGW Software CIAOC Opening Balance Accumulated Depreciation	x-ref S3a, line 86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TGW Software CIAOC Retirements	x-ref S3a, line 87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
621	TGW Amortization of Software CIAOC	x-ref S3a, line 88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
622	TGW Software CIAOC Closing Balance Accumulated Depreciation	x-ref S3a, line 89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
623																								
624	TGW Mid Year Software CIAOC		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
625																								
626	TGW Opening Deferred Charges	x-ref S3a, line 96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
627	TGW O&M Deferred Charge Additions	S1, line 21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
628	TGW O&M Tax on Deferred Charge Additions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
629	TGW O&M Net Deferred Charge Additions	x-ref S3a, line 97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
630	TGW O&M Amortization Expense	x-ref S3a, line 98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
631	TGW O&M Deferred Charge AFUDC	S1, line 22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
632		x-ref S3a, line 99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Capital Lease Rate Base		-	(2)	(2)	(2)	(2)	(1)	(1)	(1)	(1)	(0)	(0)	(3)	(2)	(2)	(2)	(1)	(1)	(1)	(1)	(0)	(0)	-
	TGW Mid-Year Deferred Charges		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	In-Service Adjustment	x-ref S3a, line 103	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
636	TGW Ratebase	x-ref S3a, line 105	-	(5)	(8)	(4)	5	13	19	26	31	35	37	35	38	40	42	43	45	48	50	52	54	55

S4a - CCA- Summary Attachment 7.2

### Financial Schedule 4a

# Customer Care Enhancement Project- Appendix K Financial Schedule Changes (Final Version vs. Amended Application)

Capital Cost Allowance Summary in \$000s
\*Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
TGI	•																						
1 Opening UCC Balance	S4b, line 11	-	-	(3,148)	(5,284)	(3,748)	(2,277)	(1,028)	201	2,072	2,980	2,452	3,452	4,400	6,060	6,840	7,612	8,461	9,322	9,304	9,969	10,686	11,387
2 Additions	S4b, line 23	-	(1,995)	(1,516)	1,691	1,669	1,502	1,532	2,341	1,509	1,575	1,589	1,550	2,402	1,631	1,594	1,661	1,677	2,418	1,712	1,730	1,699	1,772
3 CCA	S4b, lines 26, 28, 32, 33 & 34	-	(1,153)	(620)	(155)	(198)	(253)	(303)	(470)	(601)	(2,103)	(589)	(603)	(742)	(852)	(822)	(812)	(816)	(2,436)	(1,048)	(1,013)	(998)	(998)
4 Closing UCC Balance		-	(3,148)	(5,284)	(3,748)	(2,277)	(1,028)	201	2,072	2,980	2,452	3,452	4,400	6,060	6,840	7,612	8,461	9,322	9,304	9,969	10,686	11,387	12,162
5																							
6 TGVI																							
7 Opening UCC Balance	S4b, line 60	-	-	(306)	(707)	(644)	(419)	(218)	(17)	266	428	397	374	563	857	1,022	1,192	1,375	1,558	1,609	1,546	1,732	1,921
8 Additions	S4b, line 72	-	(238)	(179)	208	209	191	198	308	202	215	220	219	345	238	237	251	258	378	273	280	280	297
9 CCA	S4b, line 84	-	(67)	(222)	(145)	16	10	2	(25)	(40)	(246)	(244)	(29)	(51)	(73)	(67)	(68)	(75)	(327)	(336)	(95)	(91)	(94)
10 Closing UCC Balance		-	(306)	(707)	(644)	(419)	(218)	(17)	266	428	397	374	563	857	1,022	1,192	1,375	1,558	1,609	1,546	1,732	1,921	2,124
11																							
12 <b>TGW</b>																							
13 Opening UCC Balance	S4b, line 109	-		(8)	(16)	(14)	(9)	(5)	0	7	10	9	13	17	23	26	29	33	36	37	39	42	45
14 Additions	S4b, line 121	-	(6)	(5)	5	5	5	5	7	5	5	5	5	8	5	5	5	5	8	6	6	6	6
15 CCA	S4b, line 133	-	(2)	(4)	(4)	0	0	(0)	(1)	(1)	(6)	(1)	(1)	(2)	(2)	(2)	(2)	(2)	(7)	(3)	(3)	(3)	(3)
16 Closing UCC Balance		-	(8)	(16)	(14)	(9)	(5)	0	7	10	9	13	17	23	26	29	33	36	37	39	42	45	49
17																							
18																							
19																							
20 CCA Rates Used																							

20 CCA Rates Used
21
22 Hardware \_CCA
23 Software \_CCA
24 Buildings \_CCA
25 VendorFees \_CCA
26 InstallerFees \_CCA
27 InternalLabour \_CCA
28 InternalMaterials \_CCA
29 Overhead\_Cap\_CCA
30 0.00% 0.00% 0.00% 0.00% 0.00% 96.00% 96.00% 0.00% 30 31 Amortization of Software CIAOC 0.00%

Financial Schedule 4b Customer Care Enhancement Project- Appendix K Financial Schedule Changes (Final Version vs. Amended Application)

CCA Detail in \$000s

\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	TGI Capital Cost Allowance																							
1	UCC Opening																							
2	Hardware		-	_	23	16	11	8	5	4	677	474	332	232	163	781	547	383	268	187	791	554	388	271
3	Software		-	-	(87)	(285)			(27)	- '	-	(26)	-		(26)	-	-	(26)	-	-	(26)	-	-	(26)
4	Buildings		-	-	629	591	556	523	491	462	434	408	384	361	339	319	299	282	265	249	234	220	207	194
5	Vendor Fees		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Installer Fees		-	-	(1,248)	(1,286)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Internal Labour		-	-	(760)	(4,291)	(6,920)	(6,643)	(6,377)	(6,122)	(5,877)	(5,642)	(5,417)	(5,200)	(4,992)	(4,792)	(4,601)	(4,417)	(4,240)	(4,070)	(3,907)	(3,751)	(3,601)	(3,457)
8	Internal Materials		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Training		-	-	(445)	(908)	(925)	(925)	(925)	(925)	(925)	(925)	(925)	(925)	(925)	(925)	(925)	(925)	(925)	(925)	(925)	(925)	(925)	(925)
10	Incremental O&M and Capitalized Overhead			-	-	1,594	3,187	4,695	6,031	7,292	8,517	9,707	10,862	11,985	13,076	14,138	15,171	16,177	17,158	18,116	19,051	19,967	20,864	21,745
11 12	Total UCC Opening Balance	x-ref S4a, line 1	-	-	(1,889)	(4,569)	(4,090)	(2,342)	(801)	710	2,826	3,995	5,236	6,453	7,635	9,520	10,492	11,474	12,526	13,557	15,218	16,064	16,932	17,803
13	UCC Additions																							
14	Hardware			27	-		-	-	-	793		-	-	_	785	-		-	-	776	-	_	-	
15	Software		-	(175)	(571)	-	-	(53)	-	-	(53)	-	_	(52)	-	-	(52)	-	-	(52)	-	-	(51)	-
16	Buildings		-	649	-	-	-	-	-	-	-	-	-	-	-	-	- '	-	-	-	-	-	- '	-
17	Vendor Fees		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Installer Fees		-	(2,496)	(2,572)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	Internal Labour		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Internal Materials		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Training		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Incremental O&M and Capitalized Overhead			-	1,626	1,691	1,669	1,555	1,532	1,548	1,561	1,575	1,589	1,603	1,617	1,631	1,646	1,661	1,677	1,694	1,712	1,730	1,751	1,772
23	Total UCC Additions	x-ref S4a, line 2	-	(1,995)	(1,516)	1,691	1,669	1,502	1,532	2,341	1,509	1,575	1,589	1,550	2,402	1,631	1,594	1,661	1,677	2,418	1,712	1,730	1,699	1,772
24																								
25	CCA			(4)	(7)	(=)	(0)	(0)	(0)	(400)	(000)	(4.40)	(00)	(70)	(4.00)	(00.4)	(404)	(4.45)	(0.0)	(470)	(007)	(400)	(440)	(0.1)
26	Hardware	x-ref S4a, line 3	-	(4)	(7)	(5)	(3)	(2)	(2) 27	(120)	(203) 26	(142)	(99)	(70)	(166)	(234)	(164)	(115)	(80)	(173)	(237)	(166)	(116)	(81) 26
27 28	TGI Software CCA Buildings	x-ref S4a, line 3	-	87 (19)	373 (38)	285 (35)	(33)	27 (31)	(29)	(28)	(26)	26 (24)	(23)	26 (22)	26 (20)	(19)	26 (18)	26 (17)	(16)	26	26 (14)	(13)	26 (12)	(12)
29	Vendor Fees CCA	x-iei 34a, iiile 3	-	(19)	(30)	(33)	(33)	(31)	(29)	(20)	(20)	(24)	(23)	(22)	(20)	(19)	(10)	(17)	(10)	(15)	(14)	(13)	(12)	(12)
30	Installer Fees CCA		_	1,248	2,534	1,286	-		-	_		-						-						_
31	Internal Labour CCA		_	(760)	(3,531)	(2,629)	277	266	255	245	235	226	217	208	200	192	184	177	170	163	156	150	144	138
32	Internal Materials CCA	x-ref S4a, line 3	-	(685)	(80)	-		-	-	-	-	(1,517)		-	-	-	-		-	(1,490)	-	-		-
33	Training		-	(445)	(462)	(17)	-	-	-	-	-	-	-	_	-	-	-	-	-	-	-	-	-	-
34	Incremental O&M and Capitalized Overhead	x-ref S4a, line 3	-	- '	(33)	(98)	(161)	(219)	(272)	(323)	(372)	(420)	(466)	(511)	(555)	(598)	(640)	(680)	(720)	(759)	(796)	(833)	(870)	(905)
35	Total TGI CCA		-	(578)	(1,244)	(1,213)	79	40	(21)	(226)	(340)	(1,851)	(372)	(369)	(516)	(660)	(612)	(609)	(647)	(2,247)	(865)	(862)	(828)	(834)
36																								
37	UCC Ending Balance																							
38	Hardware		-	23	16	11	8	5	4	677	474	332	232	163	781	547	383	268	187	791	554	388	271	190
39	Software		-	(87)	(285)	-	-	(27)	-	-	(26)	-	-	(26)	-	-	(26)	-	-	(26)	-	-	(26)	-
40	Buildings		-	629	591	556	523	491	462	434	408	384	361	339	319	299	282	265	249	234	220	207	194	183
41	Vendor Fees		-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Installer Fees		-	(1,248)	(1,286)		-	-	-		-	-		-				-	-	-	-	-	-	
43	Internal Labour		-	(760)	(4,291)	(6,920)	(6,643)	(6,377)	(6,122)	(5,877)	(5,642)	(5,417)	(5,200)	(4,992)	(4,792)	(4,601)	(4,417)	(4,240)	(4,070)	(3,907)	(3,751)	(3,601)	(3,457)	(3,319)
44	Internal Materials		-	(685)	(80)	(005)	(005)	(005)	(005)	(005)	(005)	(1,517)	(005)	(005)	(005)	(005)	(005)	(005)	(005)	(1,490)	(005)	(005)	(005)	(005)
45 46	Training		-	(445)	(908) 1,594	(925) 3,187	(925) 4,695	(925) 6,031	(925) 7,292	(925) 8,517	(925) 9,707	(925) 10,862	(925) 11,985	(925) 13,076	(925) 14,138	(925) 15,171	(925) 16,177	(925) 17,158	(925)	(925) 19,051	(925) 19,967	(925) 20,864	(925)	(925) 22,612
46 47	Incremental O&M and Capitalized Overhead Total UCC Ending Balance			(2,573)	(4.649)	(4,090)	(2,342)	(801)	7,292	2,826	3,995	3,719	6.453	7,635	9.520	15,171	16,177	17,158	18,116 13,557	19,051	16,064	16,932	21,745 17.803	18.741
47	Total OCC Eliulity balance		-	(2,373)	(4,049)	(4,090)	(2,342)	(001)	710	2,020	3,993	3,719	0,400	1,000	9,520	10,492	11,474	12,520	13,337	13,120	10,004	10,932	17,003	10,741
49	TGI Software CIAOC Addition		-	(29)	(176)	(264)	69	73	70	61	65	(316)	54	59	56	48	53	51	42	(325)	46	38	42	41

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	TGVI Capital Cost Allowance	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2010	2019	2020	2021	2022	2023	2024	2025	2020	2021	2020	2029	2030	2031
	10 VI Gapital Gost Allowance																							
	UCC Opening																							
51	Hardware		-	-	3	2	1	1	1	0	89	62	44	31	21	111	77	54	38	27	122	85	60	42
52	Software		-	-	(10)	(34)			(3)			(4)			(4)			(4)			(4)	0	0	(4)
53	Buildings		-	-	74	69	65	61	57	54	51	48	45	42	40	37	35	33	31	29	27	26	24	23
54 55	Vendor Fees		-	-	(148)	(154)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	Installer Fees		-	-	(90)	(154) (508)	(819)	(786)	(755)	(725)	(696)	(668)	(641)	(615)	(591)	(567)	(545)	(523)	(502)	(482)	(462)	(444)	(426)	(409)
57	Internal Labour Internal Materials			-	(90)	(306)	(619)	(700)	(755)	(723)	(696)	(000)	(641)	(613)	(591)	(567)	(343)	(323)	(302)	(402)	(462)	(444)	(420)	(409)
58	Training		_	_	(53)	(107)	(109)	(109)	(109)	(109)	(109)	(109)	(109)	(109)	(109)	(109)	(109)	(109)	(109)	(109)	(109)	(109)	(109)	(109)
59	Incremental O&M and Capitalized Overhead		-	-	-	193	389	578	748	913	1,076	1,238	1,399	1,559	1,718	1,877	2,035	2,193	2,352	2,510	2,670	2,830	2,992	3,155
60	Total UCC Opening Balance	x-ref S4a, line 7		-	(225)	(540)	(473)	(256)	(61)	133	411	567	737	906	1,075	1,348	1,494	1,644	1,809	1,975	2,243	2,388	2,540	2,696
61	3				, ,	, ,	. ,	. ,	, ,															
62	UCC Additions																							
63	Hardware		-	3	-	-	-	-	-	104	-	-	-	-	113	-	-	-	-	121	-	-	-	-
64	Software		-	(21)	(68)	-	-	(7)	-	-	(7)	-	-	(7)	-	-	(8)	-	-	(8)	-	-	(8)	-
65	Buildings		-	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
66	Vendor Fees		-	(0.07)	(000)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
67 68	Installer Fees		-	(297)	(308)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
69	Internal Labour Internal Materials		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70	Training					_		-		-	-	_			_					-		-		
71	Incremental O&M and Capitalized Overhead		_	_	197	208	209	198	198	204	209	215	220	226	232	238	245	251	258	265	273	280	289	297
72	Total UCC Additions	x-ref S4a, line 8		(238)	(179)	208	209	191	198	308	202	215	220	219	345	238	237	251	258	378	273	280	280	297
73				. ,	, ,																			
74	CCA																							
75	Hardware		-	(0)	(1)	(1)	(0)	(0)	(0)	(16)	(27)	(19)	(13)	(9)	(23)	(33)	(23)	(16)	(11)	(26)	(37)	(26)	(18)	(13)
76	TGVI Software CCA		-	10	44	34		3	3		4	4		4	4		4	4		4	4		4	4
77	Buildings		-	(2)	(4)	(4)	(4)	(4)	(3)	(3)	(3)	(3)	(3)	(3)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)	(1)
78	Vendor Fees CCA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79 80	Installer Fees CCA		-	148 (90)	302 (418)	154 (311)	33	31	30	29	28	27	26	25	24	23	- 22	21	20	19	18	18	- 17	16
81	Internal Labour CCA Internal Materials CCA		-	(80)	(87)	(311)	7	7	6	6	6	(201)	(193)	21	20	20	19	18	17	(216)	(208)	34	32	31
82	Training			(53)	(55)	(2)	- '	_ ′		- 0	-	(201)	(193)	- 21	-	- 20	- 13	-	- ''	(210)	(200)		- 32	-
83	Incremental O&M and Capitalized Overhead		_	- (55)	(4)	(12)	(20)	(27)	(34)	(41)	(47)	(54)	(60)	(67)	(73)	(80)	(86)	(93)	(99)	(106)	(112)	(119)	(125)	(132)
84	Total TGVI CCA	x-ref S4a, line 9		(67)	(222)	(145)	16	10	2	(25)	(40)	(246)	(244)	(29)	(51)	(73)	(67)	(68)	(75)	(327)	(336)	(95)	(91)	(94)
85				(- )	,	( -/				( - /	,	/	` '	( - /	(- /	( -/	(- /	()	( - /	(- /	(/	(,	(- /	(- /
86	UCC Ending Balance																							
87	Hardware		-	3	2	1	1	1	0	89	62	44	31	21	111	77	54	38	27	122	85	60	42	29
88	Software		-	(10)	(34)	-	-	(3)	-	-	(4)	-	-	(4)	-	-	(4)	-	-	(4)	0	0	(4)	0
89	Buildings		-	74	69	65	61	57	54	51	48	45	42	40	37	35	33	31	29	27	26	24	23	21
90	Vendor Fees		-	(4.40)	(454)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
91	Installer Fees		-	(148)	(154)	(010)	(786)	(755)	(725)	(696)	(668)	(641)	(615)	(591)	(567)	(545)	(523)	(502)	(482)	(462)	(444)	(426)	(409)	(393)
92 93	Internal Labour		•	(90) (80)	(508) (87)	(819) (3)	(786) 7	(755) 7	(725)	(696)	(668)	(201)	(615)	(591)	(567)	(545)	(523) 19	(502)	(482) 17	(462)	(444) (208)	(426)	(409)	(393)
93 94	Internal Materials Training		-	(53)	(107)	(109)	(109)	(109)	(109)	(109)	(109)	(109)	(193)	(109)	(109)	(109)	(109)	(109)	(109)	(109)	(208)	(109)	(109)	(109)
95	Incremental O&M and Capitalized Overhead		-	- (55)	193	389	578	748	913	1.076	1,238	1.399	1,559	1.718	1.877	2.035	2.193	2.352	2.510	2,670	2.830	2,992	3,155	3,320
96	Total UCC Ending Balance			(306)	(626)	(476)	(249)	(54)	140	417	573	536	713	1,096	1,368	1.513	1,663	1,827	1.992	2,027	2,180	2,573	2,729	2,899
97				(===)	(===)	()	(=)	(= 1)						.,	.,	.,	.,	.,	.,	-,	_,	-, 3	-,	-,
98	TGVI Software CIAOC Addition		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	TGW Capital Cost Allowance	residios	20.0	2011	2012	2010	2011	2010	2010	2011	2010	2010	2020	2021	LULL	2020	2021	2020	2020	2021	2020	2020	2000	2001
00	1100.0																							
99 100	UCC Opening Hardware				0	0	0	0	0	0	2	1	- 1	- 1	0	2	2	- 1	- 1	1	2	2	1	1
101	Software			_	(0)	(1)	-	-	(0)	-		(0)	_ '	. '	(0)			(0)	. '	_ '	(0)		_ '	(0)
102	Buildings		_	_	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
103	Vendor Fees		-	-					- '	- '	- '	- '	- '		- '	- '	- '	- '		- '	- '	'	- '	- '
104	Installer Fees		-	-	(4)	(4)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
105	Internal Labour		-	-	(2)	(13)	(21)	(20)	(19)	(18)	(18)	(17)	(16)	(16)	(15)	(14)	(14)	(13)	(13)	(12)	(12)	(11)	(11)	(10)
106	Internal Materials		-	-	- '	- '	- 1	- '	- '	- '	- '	- '	- 1	- '	- '	- '	- '	- '	- '	- '	- '	- '	- '	- '
107	Training		-	-	(1)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
108	Incremental O&M and Capitalized Overhead			-	-	5	10	14	18	22	26	30	33	37	40	44	47	50	53	57	60	63	66	69
109	Total UCC Opening Balance	x-ref S4a, line 13	-	-	(6)	(14)	(12)	(7)	(2)	2	9	13	16	20	24	30	33	36	40	43	48	51	54	57
110 111	UCC Additions																							
112	Hardware		_	0	_	_	_	_	_	2	_	_	_	_	2	_	_	_		3	_	_	_	_
113	Software		_	(1)	(2)	_	_	(0)	_		(0)	_	_	(0)		_	(0)	_	_	(0)	_	_	(0)	_
114	Buildings		-	2	- (-)	-	_	- (0)	-	-	- (0)	_	_	- (0)	_	-	- (0)	-	-	- (0)	-	-	- (0)	-
115	Vendor Fees		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
116	Installer Fees		-	(7)	(8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
117	Internal Labour		-	- ` ′	- ' '	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
118	Internal Materials		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
119	Training		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120	Incremental O&M and Capitalized Overhead			-	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6
121	Total UCC Additions	x-ref S4a, line 14	-	(6)	(5)	5	5	5	5	7	5	5	5	5	8	5	5	5	5	8	6	6	6	6
122	004																							
123	CCA			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(4)	(4)	(4)	(0)	(0)	(4)	(4)	(4)	(0)	(0)
124 125	Hardware		-	(0)	(0) 1	(0)	(0)	(0)	(0) 0	(0)	(1) 0	(0) 0	(0)	(0) 0	(1) 0	(1)	(1) 0	(0) 0	(0)	(1) 0	(1) 0	(1)	(0) 0	(0) 0
126	TGW Software CCA Buildings		-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
127	Vendor Fees CCA		_	- (0)	- (0)	- (0)	- (0)	- (0)	- (0)	- (0)	- (0)	- (0)	- (0)	- (0)	- (0)	- (0)	- (0)	- (0)	- (0)	- (0)	- (0)	- (0)	- (0)	- (0)
128	Installer Fees CCA		-	4	8	4	_	_	-	-	_	_	_	_	_	-	_	-	-	_	-	-	_	-
129	Internal Labour CCA		-	(2)	(11)	(8)	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
130	Internal Materials CCA		-	(2)	(0)	- '-'	_	-	-	-	-	(5)	-	-	-	-	-	-	-	(5)	-	-	- 1	-
131	Training		-	(1)	(1)	(0)	-	-	-	-	-	- '	-	-	-	-	-	-	-	- '	-	-	-	-
132	Incremental O&M and Capitalized Overhead			-	(0)	(0)	(0)	(1)	(1)	(1)	(1)	(1)	(1)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(3)	(3)	(3)	(3)
133	Total TGW CCA	x-ref S4a, line 15	-	(2)	(4)	(4)	0	0	(0)	(1)	(1)	(6)	(1)	(1)	(2)	(2)	(2)	(2)	(2)	(7)	(3)	(3)	(3)	(3)
134																								
135	UCC Ending Balance			_	_	_	_	_	_	_					_	_				_	_		_	
136	Hardware		-	0	0	0	0	0	0	2	1 (0)	1	1	0	2	2	1	1	1	3	2	1	1	1
137 138	Software		-	(0)	(1) 2	- 2	- 2	(0)	- ,	- 4	(0)		- 4	(0)		- ,	(0)	- ,	,	(0)	- ,	- ,	(0)	- 1
138	Buildings		-	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
140	Vendor Fees Installer Fees		-	(4)	(4)	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
141	Internal Labour			(2)	(13)	(21)	(20)	(19)	(18)	(18)	(17)	(16)	(16)	(15)	(14)	(14)	(13)	(13)	(12)	(12)	(11)	(11)	(10)	(10)
142	Internal Materials		-	(2)	(0)	- (21)	(20)	- (13)	- (10)	- (10)	- (17)	(5)	- (10)	- (13)	- (14)	- (14)	- (13)	- (13)	- (12)	(5)	- (11)	- (11)	- (10)	- (10)
143	Training		_	(1)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
144	Incremental O&M and Capitalized Overhead		-	- (.,	5	10	14	18	22	26	30	33	37	40	44	47	50	53	57	60	63	66	69	72
145	Total UCC Ending Balance			(8)	(14)	(12)	(7)	(2)	2	9	13	12	20	24	30	33	36	40	43	44	51	54	57	72 60
146	,			. ,	` '	. ,	. ,	. ,																
147	TGW Software CIAOC Addition		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

S5 - Revenue Requirement Attachment 7.2

### Financial Schedule 5

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
1	TGI		-																					
1 F	Revenue Requirement																							
3 4 5 6 7 8	Operating & Maintenance Expense CCE Customer Care O&M Costs Avoided Costs- Existing customer care contract Less: Overhead Capitalized	S2, line 6		-	(7) (2,602) (2,609)	30 (4) (2,706) (2,680)	61 1 (2,670) (2,608)	92 (10) (2,488) (2,405)	124 1 (2,452) (2,327)	156 2 (2,477) (2,319)	189 3 (2,498) (2,307)	222 4 (2,521) (2,295)	256 4 (2,543) (2,282)	290 5 (2,565) (2,269)	325 6 (2,587) (2,256)	361 7 (2,610) (2,243)	397 8 (2,634) (2,229)	433 9 (2,658) (2,216)	470 10 (2,684) (2,204)	508 10 (2,710) (2,192)	546 11 (2,739) (2,181)	585 12 (2,769) (2,172)	624 13 (2,801) (2,164)	664 14 (2,836) (2,158)
11	Property & Other Taxes Amortization & Depreciation Expense Income Tax Expense Earned Return	line 19 + line 20 line 29	- - - -	(87) (44) (133)	(408) (376) (199)	(7) (506) (293) (128)	(39) (200) (210) 97	(39) 142 (105) 299	(32) 456 (32) 468	(23) 766 (9) 645	(16) 1,242 77 792	(10) 1,556 (361) 865	(3) (1,043) (755) 1,029	(3) (796) (354) 1,232	(30) (689) (437) 1,518	(24) (369) (369) 1,791	(20) (45) (263) 2,009	(13) 275 (170) 2,204	(6) 606 (82) 2,378	1 694 (616) 2,551	7 629 (201) 2,726	5 971 (106) 2,878	11 1,314 (24) 3,005	17 1,739 294 3,105
14	TGI Total Cost of Service	x-ref S6, line 33	-	(264)	(3,592)	(3,614)	(2,961)	(2,108)	(1,467)	(939)	(213)	(245)	(3,055)	(2,190)	(1,894)	(1,214)	(550)	80	692	438	980	1,576	2,142	2,997
15 16 17 18 19 20 21 22 23 24	Income Tax Expense Calculation Equity Earned Return Add: Depreciation Expense- excluding capital lease Add: Amortization Expense Less: CCA Less: Overhead Capitalized timing difference Taxable Income After Tax	S3b, line 165 S3b, line 206 S4a, line 3	- - - - -	(54) - (1,153) - (1,207)	(78) (322) - (620) (976) (1,996)	(50) (420) - (155) (1,015) (1,639)	37 (114) - (198) (1,001) (1,276)	116 228 - (253) (933) (841)	182 541 - (303) (919) (499)	251 851 - (470) (929) (297)	307 1,327 - (601) (937) 97	336 1,641 - (2,103) (945) (1,071)	399 (958) - (589) (953) (2,101)	478 (712) - (603) (962) (1,798)	589 (604) - (742) (970) (1,728)	695 (284) - (852) (979) (1,419)	780 39 - (822) (988)	856 359 - (812) (997) (594)	923 690 - (816) (1,006) (209)	990 778 - (2,436) (1,016) (1,684)	1,058 713 - (1,048) (1,027) (304)	1,117 1,054 - (1,013) (1,038) 121	1,167 1,397 - (998) (1,050) 515	1,205 1,739 - (998) (1,063) 883
	Taxable Income  Current Income Tax Rate  Capital Lease Tax Expense  Total Income Tax Expense  Customer Impact- Residential		- 0% - -	0% 391 (44)	(2,661) 0% 290 (376)	(2,186) 0% 253 (293)	(1,701) 0% 215 (210)	0% 176 (105)	(665) 0% 134 (32)	(396) 0% 90 (9)	129 0% 44 77	(1,428) 0% (4) (361)	(2,802) 0% (55) (755)	(2,397) 0% 246 (354)	(2,303) 0% 139 (437)	(1,892) 0% 104 (369)	(1,321) 0% 67 (263)	(792) 0% 28 (170)	0% (12) (82)	(2,245) 0% (55) (616)	(405) 0% (99) (201)	161 0% (146) (106)	687 0% (196) (24)	1,177 0% - 294
	(95 GJ annual use) Approximate Annual Bill- Burner Tip Increase/(Decrease) %				-0.31%	-0.31%	-0.26%	-0.18%	-0.13%	-0.09%	-0.02%	-0.01%	-0.24%	-0.19%	-0.16%	-0.10%	-0.06%	0.01%	0.07%	0.04%	0.10%	0.14%	0.18%	0.23%

S5 - Revenue Requirement Attachment 7.2

		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
TGVI																							
34 Revenue Requirement																							
Operating & Maintenance Expense     CCE Customer Care 0&M Costs     Avoided Costs - Existing customer care contract     Less: Overhead Capitalized	S2, line 6		-	(1) (315) (315)	(333) (330)	8 0 (334) (326)	12 (1) (316) (306)	16 0 (317) (301)	21 0 (326) (305)	25 0 (335) (309)	30 0 (343) (313)	35 1 (352) (316)	41 1 (362) (320)	47 1 (371) (324)	53 1 (381) (327)	59 1 (391) (331)	65 1 (402) (335)	72 1 (413) (339)	79 2 (424) (343)	87 2 (436) (347)	95 2 (449) (352)	103 2 (462) (357)	111 2 (476) (362)
<ul> <li>Income Tax Expense</li> <li>Earned Return</li> <li>Banner Conversion Costs</li> </ul>	ine 52 + line 53 line 62	- - - 1,367	(10) 18 (21) 1,290	(48) (102) (45) 1,202	(1) (58) (85) (40) 1,132		(5) 25 (1) 24 11.324229	(4) 64 8 49 0	(3) 103 11 76 0	(2) 164 23 100 0	(1) 205 (36) 115 0	(0) 298 (11) 125 0	(0) 291 98 117 0	1 293 77 128 0	1 299 68 140 0	2 308 68 147 0	2 316 64 154 0	2 325 59 161 0	2 336 (28) 173 0	2 346 (34) 185 0	1 357 42 193 0	2 368 38 202 0	3 392 72 209 0
	r-ref S6, line 50	1,367	1,276	692	619	691	(253)	(184)	(119)	(24)	(31)	96	185	175	181	193	201	209	140	153	242	253	314
53 Add: Amortization Expense	S3b, line 377 S3b, line 417 S4a, line 9	- - - - -	(13) - - (67) - (80)	(32) (38) (0) (222) (118) (410)	(33) (47) (0) (145) (125) (350)	(15) (6) (0) 16 (125) (130)	1 36 (0) 10 (119) (71)	15 75 (0) 2 (119)	29 114 (0) (25) (122)	42 176 (0) (40) (125) 52	51 217 (0) (246) (129) (108)	57 310 - (244) (132)	52 302 - (29) (136)	57 305 - (51) (139) 172	63 311 - (73) (143) 158	66 320 - (67) (147) 173	70 329 - (68) (151)	74 338 - (75) (155)	80 349 - (327) (159) (57)	85 360 - (336) (164) (54)	90 370 - (95) (168)	94 382 - (91) (173) 212	98 392 - (94) (178) 217
57 58 Taxable Income 59		-	(109)	(546)	(466)	(174)	(95)	(36)	(5)	70	(143)	(12)	253	229	211	231	240	243	(77)	(72)	263	282	289
59 60 Current Income Tax Rate 61 Capital Lease Tax Expense 62 Total Income Tax Expense 63 64 65 Customer Impact- Residential		0%	0% 46 18	0% 35 (102)	0% 31 (85)	0% 27 (16)	0% 22 (1)	0% 17 8	0% 12 11	0% 6 23	0% (1) (36)	0% (8) (11)	0% 35 98	0% 20 77	0% 15 68	0% 10 68	0% 4 64	0% (2) 59	0% (9) (28)	0% (16) (34)	0% (24) 42	0% (32) 38	0% - 72
66 (59 GJ annual use) 67 Approximate Annual Bill- Burner Tip Increase/(Decrease) %				-0.20%	-0.21%	-0.15%	-0.10%	-0.07%	-0.06%	-0.01%	-0.01%	0.04%	0.07%	0.06%	0.06%	0.07%	0.08%	0.09%	0.07%	0.06%	0.10%	0.10%	0.12%

S5 - Revenue Requirement Attachment 7.2

		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
TGW																							
68 Revenue Requirement 69																							
77 Operating & Maintenance Expense 71 CCE Customer Care O&M Costs 72 Avoided Costs: Existing customer care contract 73 Less: Overhead Capitalized 74 75	S2, line 6	- - -	- - -	(0) (8)	0 (0) (8)	0 0 (8)	0 (0) (8) (7)	0 0 (7) (7)	0 0 (8) (7)	1 0 (8) (7)	1 0 (8) (7)	1 0 (8) (7)	1 0 (8) (7)	1 0 (8) (7)	1 0 (8) (7)	1 0 (8) (7)	1 0 (9) (7)	2 0 (9) (7)	2 0 (9) (7)	2 0 (9) (7)	2 0 (9) (7)	2 0 (9) (7)	2 0 (9) (7)
76 Property Taxes 77 Amortization & Depreciation Expense 78 Income Tax Expense 79 Earned Return 80	line 86 + line 87 line 96	- - -	(0) 0 (0)	(1) (2) (1)	(0) (1) (2) (0)	(0) (0) (0) 0	(0) 1 0 1	(0) 2 0 2	(0) 2 0 2	(0) 4 1 3	(0) 5 (1) 3	(0) 7 1 3	(0) 7 2 3	0 7 2 3	0 7 1 3	0 7 1 3	0 7 1 3	0 7 1 4	0 7 (1) 4	0 7 1 4	0 7 1 4	0 8 1 4	0 8 1 4
81 TGW Total Cost of Service	x-ref S6, line 67		(0)	(11)	(12)	(8)	(6)	(4)	(2)	(0)	(0)	4	5	4	4	5	5	5	3	5	5	5	7
82 83 84 Income Tax Expense Calculation 85 Equity Earned Return 86 Add: Depreciation Expense- excluding capital lease 87 Add: Amortization Expense 88 Less: CCA 89 Less: Overhead Capitalized timing difference 90 Taxable Income After Tax 91 92 Taxable Income 93 94 Current Income Tax Rate 95 Capital Lease Tax Expense 96 Total Income Tax Expense	S3b, line 589 S3b, line 630 S4a, line 15		(3)	(0) (1) - (4) (3) (8) (10) 0% 1 (2)	(0) (1) - (4) (3) (8) (11) 0% 1 (2)	0 (0) - 0 (3) (3) (4) 0% 1 (0)	0 1 - 0 (3) (1) (2) 0% 1	1 2 (0) (3) (0) (1) 0%	1 3 - (1) (3) 0 0 0% 0	1 4 - (1) (3) 1 2 0% 0	1 5 - (6) (3) (2) (3) 0% (0) (1)	1 7 . (1) (3) 5 6 0% (0) 1	1 7 - (1) (3) 4 6 0% 1 2	1 7 - (2) (3) 4 5 0% 0	1 7	1 7 - (2) (3) 4 5 0% 0	2 7 (2) (3) 4 5 0% 0	2 7 - (2) (3) 4 5 0% (0)	2 7 - (7) (3) (1) (2) 0% (0) (1)	2 8 - (3) (3) 3 3 4 0% (0)	2 8 - (3) (3) 3 5 0% (0)	2 8 - (3) (3) 4 5 0% (1)	2 8 (3) (4) 4 5
96 I otal Income I ax Expense 97 98 Customer Impact- Residential 99 (90 GJ annual use) 100 Approximate Annual Bill- Burner Tip Increase/(Decrease) %		-	O	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Attachment 7.2

1 Consolidated Project Discounted Cash Flow																							
2	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
3 Capital Spending- Hardware		(14)	(16)	-	-	-	-	-	(900)	-		-	-	(900)	-	-		-	(900)		-	-	
4 Capital Spending- Software		145	4,978	1,400			60	-		60	-		60	-		60			60	-	-	60	-
5 Capital Spending- Buildings & Structures		(726)	-	-	-	-	-	-	-	-		-	-	-	-	-		-	-		-	-	-
6 Capital Expenditure Cash Flow	S1, line 16	(595)	4,962	1,400	-	-	60	-	(900)	60	-	-	60	(900)	-	60		-	(840)	-	-	60	-
7																							
8 Revenue Requirement	line 33 + 50 + 67		(748)	(4,461)	(4,445)	(3,603)	(2,594)	(1,823)	(1,178)	(300)	(283)	(2,901)	(2,293)	(1,872)	(1,146)	(425)	259	928	654	1,264	2,006	2,644	3,318
9 Incremental O&M	line 34 + 51 + 68		-	8	(30)	(69)	(93)	(141)	(179)	(218)	(257)	(297)	(338)	(380)	(422)	(466)	(510)	(555)	(601)	(648)	(695)	(744)	(794)
10 Property Tax 1% in Lieu	line 35 + 52 + 69		-	-	7	45	44	36	26	18	12	3	3	29	23	19	11	4	(3)	(9)	(7)	(13)	(20)
11 Operating & Other Expense Cash Flow			(748)	(4,453)	(4,467)	(3,627)	(2,642)	(1,928)	(1,331)	(500)	(528)	(3,195)	(2,628)	(2,223)	(1,545)	(872)	(239)	377	51	607	1,304	1,887	2,504
12 Tax Expense Cash Flow	line 37 + 54 + 71		198	1,113	1,117	907	661	482	333	125	132	799	657	556	386	218	60	(94)	(13)	(152)	(326)	(472)	(626)
13 After Tax Operating & Other Expense Cash Flow			(550)	(3,340)	(3,351)	(2,721)	(1,982)	(1,446)	(998)	(375)	(396)	(2,397)	(1,971)	(1,667)	(1,159)	(654)	(179)	283	38	455	978	1,415	1,878
14																							
15 Terminal Value Cash Flow		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
16																							
17 Annual Cash Flow		(595)	4,412	(1,940)	(3,351)	(2,721)	(1,922)	(1,446)	(1,898)	(315)	(396)	(2,397)	(1,911)	(2,567)	(1,159)	(594)	(179)	283	(802)	455	978	1,475	1,878
18																							
19 Annual Discounted Cash Flow (mid year)		(578)	4,015	(1,657)	(2,662)	(2,019)	(1,330)	(934)	(1,152)	(164)	(203)	(1,217)	(918)	(1,152)	(488)	(235)	(66)	96	(263)	141	281	397	471
20																							
21 Total Project Discounted Cash Flow		(9,637)																					

Attachment 7.2 S6 - Discounted Cash Flow

22 1	erasen Gas Inc.																							
23																								
24		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
25 4	Assumptions																							
	Tax Rate		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Inflation		0.00%																					
	Cost of Capital																							
	Nominal WACC Pre-Tax		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Nominal WACC Post-Tax		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Real WACC Pre-Tax		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Real WACC Post-Tax		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	CCA Rates																							
34	Hardware		0.00%																					
35	Software		0.00%																					
36	Meters		0.00%																					
37	Overhead Capitalized		0.00%																					
38	Overhead Capitalized UCC Addition Ratio		-62.50% (	10/16)																				
39	Overhead Capitalized Rate		-16.00%	10, 10,																				
	Project Inservice Year		2011 & 2012																					
41	1 Tojost moorvise Tear		2011 0 2012																					
	Discounted Cash Flow Analysis																							
43																								
44	Capital Spending- Hardware		(12)	(14)	-	-	-		-	(793)				-	(785)					(776)			-	-
45	Capital Spending- Software		130	4,438	1,246	-	-	53	-	(,	53			52	(,		52			52			51	-
46	Capital Spending- Buildings & Structures		(649)	.,	.,	-	-		-	-	-				-	-								
47	Capital Expenditure Cash Flow	S3b, line 12 + 25 (2010 only)	(531)	4.423	1,246			53		(793)	53	-	-	52	(785)		52			(724)	-	-	51	-
48		,	( /	, -	, -					,					,,					` '				
49	Revenue Requirement	S5. line 14		(683)	(3,901)	(3,886)	(3,194)	(2,299)	(1,615)	(1,042)	(268)	(251)	(3,008)	(2.446)	(2,032)	(1,315)	(613)	57	711	501	1,089	1,733	2,350	2,997
50	Incremental O&M	S5. line 4 + 5		(000)	7	(26)	(62)	(82)	(125)	(158)	(192)	(226)	(260)	(296)	(331)	(368)	(404)	(442)	(480)	(518)	(557)	(597)	(637)	(678)
51	Property Tax 1% in Lieu	S5. line 9				7	39	39	32	23	16	10	3	3	30	24	20	13	6	(1)	(7)	(5)	(11)	(17)
52	Operating & Other Expense Cash Flow	,		(683)	(3.894)	(3,905)	(3,216)	(2.343)	(1.708)	(1.177)	(444)	(466)	(3,266)	(2.739)	(2,333)	(1,659)	(997)	(371)	238	(18)	525	1.131	1.702	2,302
53	Tax Expense Cash Flow	line 36 x line 26		181	974	976	804	586	427	294	111	117	816	685	583	415	249	93	(59)	4	(131)	(283)	(426)	(576)
54	After Tax Operating & Other Expense Cash Flow			(502)	(2,921)	(2,929)	(2,412)	(1,757)	(1,281)	(883)	(333)	(350)	(2,449)	(2,054)	(1,750)	(1,244)	(747)	(278)	178	(13)	393	848	1,277	1.727
55				( /	, , ,	,	. , ,	( , . ,	( , - ,	()	(,	(,		, , ,	( ,,	, ,	` ′	,		,			,	,
56	Terminal Value Cash Flow			-	-	-	-		-	-	-		-	-	-	-			-	-			-	-
57																								
58	Annual Cash Flow		(531)	3.921	(1.675)	(2.929)	(2.412)	(1.704)	(1,281)	(1.676)	(280)	(350)	(2.449)	(2.002)	(2.535)	(1,244)	(695)	(278)	178	(738)	393	848	1.328	1.727
59				-,-							, ,				. , ,								,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
60	Annual Discounted Cash Flow (mid year)		(517)	3,581	(1,431)	(2,343)	(1,811)	(1,200)	(847)	(1,039)	(163)	(191)	(1,254)	(962)	(1,142)	(526)	(276)	(104)	62	(242)	121	245	359	438
61	· · · · · · · · · · · · · · · · · · ·		(011)	2,001	(.,-101)	(=,0.10)	(.,511)	( .,_00)	(347)	(.,500)	(100)	(101)	(.,201)	(002)	(.,,_)	(320)	(=10)	(10-1)	O.	()		2.10	500	.00
62	Total Project Discounted Cash Flow		(9,238)																					
			(5,230)																					

Attachment 7.2 S6 - Discounted Cash Flow

Customer Care Enhancement Project- Appendix K Financial Schedule Changes (Final Version vs. Amended Application)
Discounted Cash Flow in \$000s
Note: the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

63 <u>T</u>	erasen Gas (Vancouver Island) Inc.																							
64		-																						
65		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	Assumptions																							
	Tax Rate		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
68	Inflation		0.00%																					
	Cost of Capital																							
70	Nominal WACC Pre-Tax		0.00%	-0.12%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%
71	Nominal WACC Post-Tax		0.00%	-0.12%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%
72	Real WACC Pre-Tax		0.00%	-0.12%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%
73	Real WACC Post-Tax		0.00%	-0.12%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%	-0.23%
74																								
75 <b>L</b>	Discounted Cash Flow Analysis																							
76																								
77	Capital Spending- Hardware		(1)	(2)	-	-		-	-	(104)	-	-	-	-	(113)		-	-	-	(121)	-		-	-
78	Capital Spending- Software		15	527	151		-	7	-		7	-	-	7	-	-	8	-		8	-	-	8	
79	Capital Spending- Buildings & Structures		(76)	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	Capital Expenditure Cash Flow	S3b, line 224 + 237 (2010 only)	(62)	526	151	-		7	-	(104)	7	-	-	7	(113)		8	-	-	(113)	-		8	-
81		,	(- /							( - )					,					, ,,				
82	Revenue Requirement	S5, line 47		(64)	(548)	(547)	(400)	(288)	(203)	(132)	(31)	(31)	102	149	156	166	183	198	212	150	170	267	287	314
83	Incremental O&M	S5, line 37 + 38			1	(3)	(8)	(10)	(16)	(21)	(26)	(31)	(36)	(42)	(48)	(54)	(60)	(67)	(74)	(81)	(89)	(97)	(105)	(114)
84	Property Tax 1% in Lieu	S5, line 42		-	-	1	5	5	4	` 3	2	1	O O	` o´	(1)	(1)	(2)	(2)	(2)	(2)	(2)	(1)	(2)	(3)
85	Operating & Other Expense Cash Flow			(64)	(547)	(549)	(402)	(293)	(215)	(150)	(55)	(61)	67	108	107	111	122	129	136	67	79	169	181	198
86	Tax Expense Cash Flow	line 53 x line 43		17	137	137	100	73	54	38	14	15	(17)	(27)	(27)	(28)	(30)	(32)	(34)	(17)	(20)	(42)	(45)	(49)
87	After Tax Operating & Other Expense Cash Flow	-		(47)	(410)	(412)	(301)	(220)	(162)	(113)	(41)	(46)	50	81	80	83	91	97	102	50	59	127	136	148
88				, ,	,	` ,	(,	, ,	, ,	,	` '	( -,												
89	Terminal Value Cash Flow								-						-	-					-		-	
90																								
91	Annual Cash Flow	-	(62)	479	(259)	(412)	(301)	(213)	(162)	(217)	(34)	(46)	50	88	(32)	83	99	97	102	(63)	59	127	144	148
92		=	(/		(===)	( /	(00.7)	(= : = )	()	(=,	(= -)	(10)			(==)					(==)				
93	Annual Discounted Cash Flow (mid year)		(60)	423	(221)	(312)	(203)	(127)	(85)	(110)	(1)	(12)	36	42	(9)	37	40	37	33	(21)	20	36	37	32
94	, amount blocounted count i low (init year)		(00)	423	(221)	(312)	(200)	(127)	(00)	(110)	(1)	(12)	50	42	(3)	31	40	37	33	(21)	20	30	57	02
05	Total Project Discounted Cash Flow	r	(390)																					
95	rotal Project Discounted Cash Flow	L	(390)																					

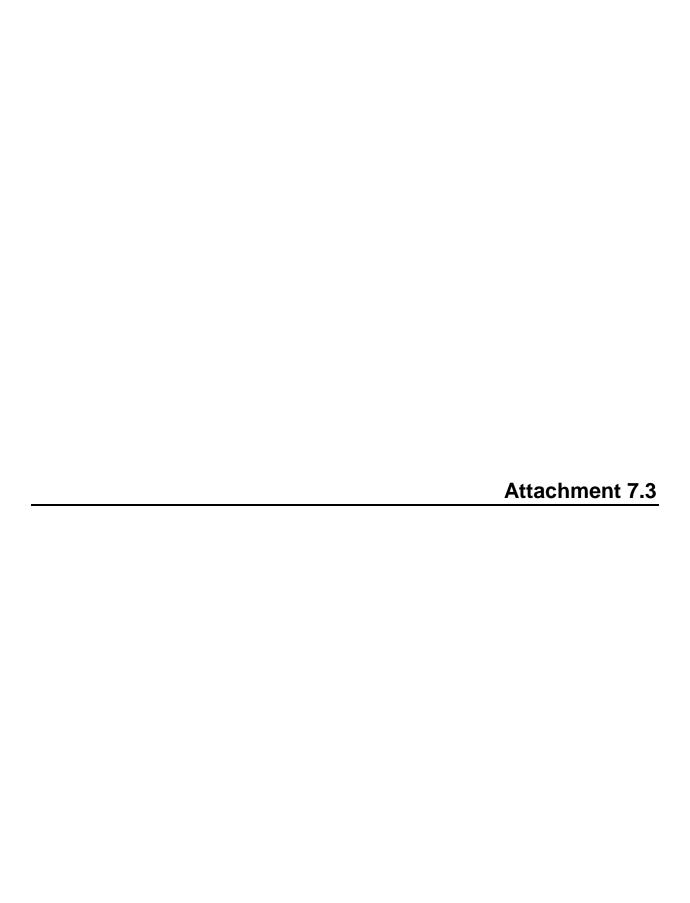
Attachment 7.2 S6 - Discounted Cash Flow

Customer Care Enhancement Project- Appendix K Financial Schedule Changes (Final Version vs. Amended Application)
Discounted Cash Flow in \$000s
Note: the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

		-																						
96 <u>1</u>	Terasen Gas (Whistler) Inc.																							
98		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
99 4	Assumptions																							
	Tax Rate		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
101	Inflation		0.00%																					
102	Cost of Capital																							
103	Nominal WACC Pre-Tax		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
104	Nominal WACC Post-Tax		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
105	Real WACC Pre-Tax		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
106	Real WACC Post-Tax		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
107																								
108 L	Discounted Cash Flow Analysis																							
109																								
110	Capital Spending- Hardware		(0)	(0)	-	-	-	-	-	(2)	-		-	-	(2)				-	(3)	-		-	-
111	Capital Spending- Software		0	13	4	-	-	0	-	-	0		-	0	-		0		-	0	-		0	-
112	Capital Spending- Buildings & Structures		(2)	-	-	-	-	-	-	-	-		-	-	-				-		-		-	-
113	Capital Expenditure Cash Flow	S3b, line 436 + 449 (2010 only)	(2)	13	4	-	-	0	-	(2)	0		-	0	(2)	-	0		-	(2)	-		0	
114																				,				
115	Revenue Requirement	S5, line 81	-	(1)	(12)	(13)	(9)	(6)	(4)	(3)	(0)	(0)	4	4	4	4	4	5	5	4	5	6	6	7
116	Incremental O&M	S5, line 71 + 72	-		0	(0)	(0)	(0)	(0)	(0)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(2)	(2)	(2)	(2)	(2)	(2)
117	Property Tax 1% in Lieu	S5, line 76	-	-	-	0	0	0	0	0	0	0	0	0	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
118	Operating & Other Expense Cash Flow			(1)	(12)	(13)	(9)	(6)	(5)	(3)	(1)	(1)	4	3	3	3	3	3	3	2	4	4	4	4
119	Tax Expense Cash Flow	line 70 x line 60	-	0	3	3	2	2	1	1	0	0	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(0)	(1)	(1)	(1)	(1)
120 121	After Tax Operating & Other Expense Cash Flow			(1)	(9)	(9)	(7)	(5)	(3)	(2)	(1)	(1)	3	2	2	2	2	2	2	1	3	3	3	3
122	Terminal Value Cash Flow																				_			_
123	Terrilliai Valde Casii i low		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
124	Annual Cash Flow		(2)	12	(5)	(9)	(7)	(5)	(3)	(5)	(1)	(1)	3	2	(0)	2	2	2	2	(1)	3	3	3	3
125																								
126	Annual Discounted Cash Flow (mid year)		(2)	11	(5)	(7)	(5)	(3)	(2)	(3)	(0)	(0)	1	1	(0)	1	1	1	1	(0)	1	1	1	1
127	, , ,																							
128	Total Project Discounted Cash Flow		(9)																					

Financial Schedule 7
Customer Care Enhancement Project-Appendix K Financial Schedule Changes (Final Version vs. Amended Application)
Cost Per Customer Analysis

1 Gas Segment	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Customer Care Costs (\$000's) CCE Customer Care 08M CCE other Cost of Service TGVI Banner to Energy Conversion Total Customer Care Costs	S2, line 6 line 17 + 28 +40 line 29	1,367 1,367	(748) 1,290 541	(4,453) 1,202 (3,251)	34 (4,475) 1,132 (3,308)	69 (3,672) 1,061 (2,542)	104 (2,687) 11 (2,571)	140 (1,964) - (1,824)	177 (1,357) - (1,180)	215 (518) - (303)	253 (540) - (287)	292 (3,198) - (2,906)	332 (2,631) - (2,299)	373 (2,252) - (1,879)	414 (1,568) - (1,154)	457 (891) - (434)	500 (251) - 249	544 373 - 917	589 53 - 642	635 617 - 1,251	681 1,311 - 1,992	729 1,900 - 2,629	7 2,5 3,3
Average Customers		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
Cost Per Customer		\$ 1.45 \$	0.57 \$	(3.39) \$	(3.42) \$	(2.60)	\$ (2.60) \$	(1.83) \$	(1.17) \$	(0.30) \$	(0.28) \$	(2.81) \$	(2.20) \$	(1.78) \$	(1.08) \$	(0.40) \$	0.23 \$	0.84 \$	0.58 \$	1.12 \$	1.77 \$	2.31 \$	2.
TGI																							
TGI Customer Care Costs (\$000's) TGI CCE Customer Care O&M TGI CCE other Cost of Service TGI Total Customer Care Costs	\$5, line 4 \$5, line 14 - (\$5, line 4 + \$5, line 5) _	-	(683) (683)	(3,894) (3,894)	30 (3,912) (3,882)	61 (3,255) (3,194)	98 (2,381) (2,283)	130 (1,740) (1,610)	162 (1,200) (1,038)	195 (460) (265)	229 (477) (248)	263 (3,268) (3,005)	297 (2,741) (2,444)	333 (2,363) (2,030)	368 (1,683) (1,315)	405 (1,017) (612)	441 (384) 57	479 232 711	517 (17) 500	555 532 1,087	595 1,136 1,731	634 1,713 2,348	6 2,3 2,9
TGI Average Customers			-	-	-	-				-	-	-	-	-	-	-	-	-		-	-	-	
I 2 TGI Cost Per Customer	:	s - s	(0.81) \$	(4.56) \$	(4.51) \$	(3.69)	\$ (2.61) \$	(1.83) \$	(1.17) \$	(0.30) \$	(0.28) \$	(3.32) \$	(2.68) \$	(2.21) \$	(1.42) \$	(0.66) \$	0.06 \$	0.75 \$	0.52 \$	1.13 \$	1.79 \$	2.41 \$	3.0
3 4 TGVI																							
5 6 TGVI Customer Care Costs (\$000's) 7 TGVI CCE Customer Care O&M 8 TGVI CCE other Cost of Service 9 TGVI Banner to Energy Conversion 0 TGVI Total Customer Care Costs	\$5, line 37 \$5, line 47 - (\$5, line 37 + \$5, line 38)	1,367 1,367	(64) 1,290 1,226	(547) 1,202 655	4 (550) 1,132 586	8 (407) 1,061 662	6 (299) 11 (281)	10 (219) - (209)	14 (153) - (139)	19 (57) - (38)	24 (62) - (39)	29 66 -	34 107 - 141	39 108 -	45 112 - 157	51 123 -	57 131 -	64 138 - 201	71 69 -	78 81 - 159	85 171 - 256	93 182 - 275	10 20 30
31 32 TGVI Average Customers																							
3 4 TGVI Cost Per Customer		\$ 13.89 \$	12.16 \$	6.34 \$	5.54 \$	6.11	\$ (2.53) \$	(1.84) \$	(1.19) \$	(0.32) \$	(0.31) \$	0.76	1.10 \$	1.12 \$	1.16 \$	1.26 \$	1.32 \$	1.38 \$	0.93 \$	1.04 \$	1.63 \$	1.71 \$	1.8
5 6 <b>TGW</b>																							
7 8 TGW Customer Care Costs (\$000's) 9 TGW CCE Customer Care O&M 0 TGW CCE other Cost of Service 1 TGW Total Customer Care Costs	\$5, line 71 \$5, line 81 - (\$5, line 71 + \$5, line 72)_		(1) (1)	(12) (12)	0 (13) (13)	0 (9) (9)	0 (7) (6)	0 (5) (4)	0 (3)	0 (1) (1)	1 (1) (1)	1 4 4	1 3 4	1 3 4	1 3 4	1 3 4	1 3 4	1 3 5	2 2 3	2 4 5	2 4 5	2 4 6	
3 TGW Average Customers 4		-			-	-		-					-	-	-		-		-	-		-	1.9
5 TGW Cost Per Customer 6 7 3 Notes: 9 Other Cost of Service amounts equal to total cost of the cost of Service amounts equal to the cost of the cost of Service amounts equal to the cost of Service amounts expected the co		\$ - \$	(0.57) \$	(4.80) \$			. , , .	(1.66) \$	(1.04) \$	(0.19) \$	(0.18) \$	1.48 \$	1.27 \$	1.29 \$	1.31 \$	1.40 \$	1.46 \$	1.52 \$	1.08 \$	1.66 \$	1.73 \$	1.82 \$	1.6
2 <u>Levelized Cost Per Customer Calculation</u> 3				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
4 Discount Rate (TGI) (Nominal After Tax WACC)				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00
5 6 Average Customers 7 Discounted Average Customers 8					:	-	:	:	:	:	:	:	:	:	:	:	:		:		:	-	
9 CCE Total Customer Care Costs 0 Discount Rate 1 Discounted Costs 2 Annual Levelized Cost Per Customer 3	line 7 x 1000 S6, line 29			0.00% (3,053,040)	(3,308,359) 0.00% (2,912,268) (3.42) \$	(2,541,849) 0.00% (2,099,316) (2.60) \$	0.00% (1,992,363)	0.00% (1,326,110)	(1,179,611) 0.00% (804,627) (1.17) \$	(303,159) 0.00% (194,015) (0.30) \$	0.00% (172,301)	(2,906,211) 0.00% (1,637,236) (2.81) \$	0.00% (1,215,236)	0.00% (931,953)		(434,011) 0.00% (189,462) (0.40) \$	249,365 0.00% 102,133 0.23 \$	916,637 0.00% 352,239 0.84 \$	0.00% 231,580	1,251,174 0.00% 423,230 1.12 \$	0.00% 632,231	2,628,741 0.00% 782,754 2.31 \$	3,301,99 0.00 922,49 2.8
4 5 Levelized Cost per Customer- CCE CPCN 6 7 8	(13,618,010) C	Costs Customers Cost/Customer (\$)																					
Discount Rate Discount Rate Discounted Costs Annual Levelized Cost Per Customer	\$6, line 29		\$	0.00%	0.00% - - \$	0.00% - - :	0.00%	0.00%	0.00%	0.00%	0.00%	0.00% - - \$	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00% - - \$	0.00%	0.00
75 76 Levelized Cost per Customer- Existing Contract 77 78 79	- (	Costs Customers Cost/Customer (\$)																					



S1 - Project Costs

Financial Schedule 1

Customer Care Enhancement Project- Consolidated Appendix K Schedule Changes (Consolidated Final Version vs. Consolidated Amended Application)

Estimated Project Implementation Costs in \$000s

TGI Component	<u>Reference</u>	<u>Total</u>	2009	2010	2011	2012
Capital - CIS Implementation						
1 Consulting		(11,400)	(484)	(1,374)	(7,750)	(1,792)
2 Internal Labour		720	-	(2,432)	2,506	646
3 Expenses		8,149	-	552	6,085	1,512
4 Software		(1,148)	-	2,600	(3,102)	(646)
5 Hardware	_	(6,611)	(163)	(2,618)	(3,418)	(412)
6 Subtotal		(10,290)	(647)	(3,272)	(5,680)	(692)
Capital - Services Insourcing						
7 Consulting		4,476	509	1,373	3,211	(618)
8 Internal Labour		3,016	-	1,017	1,999	- '
9 Facilities		7,334	-	1,207	6,127	-
10 Expenses		(1,825)	163	(499)	(1,488)	-
11 Software		(16,958)	(75)	243	(17,125)	-
12 <u>Hardware</u>	<u>_</u>	1,078	<u>-</u>	(304)	1,472	(90)
13 Subtotal		(2,879)	597	3,036	(5,804)	(708)
Total Plant Additions						
14 CIS		(10,290)	(647)	(3,272)	(5,680)	(692)
15 Service Insourcing		(2,879)	597	3,036	(5,804)	(708)
16 Subtotal	_	(13,169)	(50)	(235)	(11,484)	(1,400)
17 AFUDC		(373)	-	16	(389)	-
18 Total Plant Additions	x-ref S3b, (2010 column, lines 25 + 237 + 449) + lines 37 + 249 + 461	(13,542)	(50)	(219)	(11,873)	(1,400)
Deferred O&M						
19 Internal Labour		-	-	-	-	-
20 Expenses	<u> </u>	(0)	<u>-</u>	<u>-</u>	(0)	
21 Subtotal	x-ref S3b, lines 203 + 415 + 627	(0)	-	-	(0)	-
22 AFUDC	x-ref S3b, lines 207 + 419 + 631	314	(2)	2	314	0
23 Total Deferred O&M		314	(2)	2	314	-
24 Capital Lease		6,677	50	104	6,523	-
25 Total		(6,551)	(2)	(113)	(5,036)	(1,400)

Attachment 7.3

S2 - Customer Care New O&M

Attachment 7.3

Financial Schedule 2

Customer Care Enhancement Project- Consolidated Appendix K Schedule Changes (Consolidated Final Version vs. Consolidated Amended Application) Estimated Customer Care O&M Costs in \$000s, Except Cost /Customer Amounts

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Labour     Outsourced Services     Technology Support     Facilities Support     Expenses				110 - - -	113 - - -	117 - - -	120 - - -	124 - - -	128 - - -	131 - - -	135 - - -	139 - - -	144 - - - -	148 - - -	152 - - -	157 - - -	162 - - -	167 - - -	172 - - -	177 - - -	182 - - -	187 - - -	193 - - - -
6 Total				110	113	117	120	124	128	131	135	139	144	148	152	157	162	167	172	177	182	187	193
7 Ave Customers 8 Cost /Customer				- 0.11	0.12	0.12	0.12	0.12	0.13	- 0.13	0.13	0.13	0.14	0.14	- 0.14	- 0.15	0.15	0.15	0.16	- 0.16	- 0.16	0.16	0.17

\*Note- Total costs include annual lease payment of \$1.7 million; the revenue requirement includes this as a capital lease and therefore it is accounted for through depreciation, tax and earned return.

S3a - Rate Base- Summary

Attachment 7.3

### Financial Schedule 3a

Customer Care Enhancement Project- Consolidated Appendix K Schedule Changes (Consolidated Final Version vs. Consolidated Amended Application)

Rate Base Summary in \$000s
\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Consolidated					•			•	•		•		•	•	•			•				•	<u> </u>
1 Opening Gas Plant In Service		-	-	(2,218)	(2,900)	147	3,159	5,911	8,657	12,367	15,148	(3,979)	(2,294)	(997)	1,628	4,310	6,959	9,694	11,240	10,813	13,636	16,500	19,332
2 Additions		-	(2,218)	(682)	3,047	3,012	2,751	2,777	3,710	2,781	2,872	2,903	2,875	3,867	3,000	2,973	3,068	3,105	3,983	3,184	3,226	3,212	3,321
3 Retirements		-	-	-	-	-	-	(30)	0	-	(21,999)	(1,218)	(1,577)	(1,242)	(317)	(325)	(334)	(1,559)	(4,411)	(360)	(362)	(379)	(1,599)
4 Closing Gas Plant In Service		-	(2,218)	(2,900)	147	3,159	5,911	8,657	12,367	15,148	(3,979)	(2,294)	(997)	1,628	4,310	6,959	9,694	11,240	10,813	13,636	16,500	19,332	21,054
6 Opening Accumulated Depreciation		-	-	-	357	799	861	545	(84)	(1,084)	(2,615)	17,505	19,312	21,268	22,819	23,117	23,088	22,736	23,267	26,549	25,835	24,769	23,362
7 Depreciation		-	-	357	442	61	(315)	(659)	(1,000)	(1,531)	(1,879)	589	379	309	(19)	(354)	(685)	(1,027)	(1,129)	(1,075)	(1,428)	(1,786)	(2,140)
8 Retirements			-	-	-	-		30	(0)		21,999	1,218	1,577	1,242	317	325	334	1,559	4,411	360	362	379	1,599
9 Closing Accumulated Depreciation 10		-	-	357	799	861	545	(84)	(1,084)	(2,615)	17,505	19,312	21,268	22,819	23,117	23,088	22,736	23,267	26,549	25,835	24,769	23,362	22,821
11 Opening Contributions in Aid of Construction		-	-	(29)	(205)	(470)	(400)	(327)	(257)	(196)	(130)	(417)	(187)	136	123	98	80	70	47	37	29	8	(6)
12 Additions		-	(29)	(176)	(264)	69	73	70	61	65	(316)	54	59	56	48	53	51	42	(325)	46	38	42	41
13 Retirements						-		-	-	-	29	176	264	(69)	(73)	(70)	(61)	(65)	316	(54)	(59)	(56)	(48)
14 Closing Contributions in Aid of Construction 15		-	(29)	(205)	(470)	(400)	(327)	(257)	(196)	(130)	(417)	(187)	136	123	98	80	70	47	37	29	8	(6)	(13)
16 Opening Amortization of Contributions in Aid of Construction		-	-	-	4	29	88	138	179	211	235	223	99	(142)	(90)	(32)	26	77	134	(188)	(139)	(84)	(28)
17 Amortization		-	-	-	-	-	-	-	-	-	(29)	(176)	(264)	69	73	70	61	65	(316)	54	59	56	48
18 Retirements			-	4	26	59	50	41	32	24	16	52	23	(17)	(15)	(12)	(10)	(9)	(6)	(5)	(4)	(1)	1_
19 Closing Amortization of Contributions in Aid of Construction 20		-	-	4	29	88	138	179	211	235	223	99	(142)	(90)	(32)	26	77	134	(188)	(139)	(84)	(28)	20
21 Opening Net Plant In Service		-	-	(2,247)	(2,745)	506	3,707	6,267	8,496	11,299	12,638	13,331	16,930	20,265	24,480	27,493	30,153	32,576	34,688	37,211	39,361	41,193	42,660
22 Closing Net Plant In Service		-	(2,247)	(2,745)	506	3,707	6,267	8,496	11,299	12,638	13,331	16,930	20,265	24,480	27,493	30,153	32,576	34,688	37,211	39,361	41,193	42,660	43,882
23	// 04 - II 00\/0		(4.404)	(0.400)	(4.440)	0.407	4.007	7.004	0.007	44.000	40.005	45.400	40.507	00.070	05.007	00.000	04.004	00.000	05.050	20.000	40.077	44.000	40.074
24 Mid Year Net Plant in Service 25	(line 21 + line 22)/2	-	(1,124)	(2,496)	(1,119)	2,107	4,987	7,381	9,897	11,969	12,985	15,130	18,597	22,372	25,987	28,823	31,364	33,632	35,950	38,286	40,277	41,926	43,271
26 Opening Deferred Charges		-	-	(1)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
27 Additions		-	(1)	`-'	`-'	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28 Amortization		-	`-'	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
29 Closing Deferred Charges		-	(1)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
30																							
31 Mid Year Deferred Charges		-	-	(1)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	-	-	-
32 Capital Lease Rate Base		-	(922)	(825)	(728)	(631)	(534)	(437)	(340)	(243)	(146)	(49)	(922)	(825)	(728)	(631)	(534)	(437)	(340)	(243)	(146)	(49)	-
33 13 Month Adjustment (row 211, S3b) 34		-	-	370	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35 Total Rate Base		-	(2,046)	(2,951)	(1,848)	1,475	4,453	6,944	9,557	11,726	12,839	15,082	17,675	21,547	25,259	28,192	30,831	33,195	35,610	38,043	40,131	41,878	43,271

Financial Schedule 3b

### Customer Care Enhancement Project- Consolidated Appendix K Schedule Changes (Consolidated Final Version vs. Consolidated Amended Application)

Rate Base Detail in \$000s
\*Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

Consolidated	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Capital Spending																							
Hardware		14	16	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_		_	
Software		(57)	(778)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Land				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Buildings		678	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vendor Fees			-	(275)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Installer Fees Internal Labour		(88)	(4,200)	(4,280)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Internal Materials				(188)			-	-		-													
Training			_	(39)	_	_	_	-	-	-	_	_	_	_	-	_	_	_	_	_	_	_	
Incremental O&M		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total Spend		547	(4,962)	(4,782)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Opening WIP																							
Hardware		-	14	(0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Software Land		-	(59)	(663)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Buildings		48	748	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vendor Fees		40	740	(3)														- :					
Installer Fees		-	(90)	(1,540)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Internal Labour		-	-	(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Internal Materials		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Training		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Incremental O&M			-	- (0.000)	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Total Opening WIP		48	613	(2,206)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Additions Hardware		14	16	_	_		_	_	_	_				_	_	_							
Software		(59)	(800)				-	-		-												-	
Land		(33)	(000)				_	-	_	-	_			_	-	_	-			-	-	-	
Buildings		700	-	_	_	-	_	_	-	-	-	-	_	-	_	_	_	_	_	-	-	_	
Vendor Fees		-	(3)	(275)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Installer Fees		(90)	(4,249)	(4,280)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Internal Labour			(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Internal Materials		-	-	(188)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Training		-	-	(39)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Incremental O&M		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Total Additions		565	(5,037)	(4,782)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
In-service			(00)	0																			
Hardware Software		-	(30) 196	663	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Land			190	003			-	-		-											-		
Buildings			(748)																			- :	
Vendor Fees			(140)	278	_	_	_	-	_	-	_	_	_	_	-	_	_	_	_	_	_	_	
Installer Fees		-	2,800	5,820	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Internal Labour		-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Internal Materials		-	-	188	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Training		-	-	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Incremental O&M		-	-	-	-	-		-	-		-	-	-	-		-	-	-	-	-	-	-	
Total In-service		-	2,218	6,988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Closing WIP		14	(0)																				
Hardware			(0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Software Land		(59)	(663)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Buildings		748																				- :	
Vendor Fees		740	(3)	_	_	_	_	-	_	-	_	_	_	_	-	_	_	_	_	_	_	-	
Installer Fees		(90)	(1,540)	-	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	-	_		
Internal Labour		-	(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Internal Materials		-	`-'	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Training		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Incremental O&M			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Consolidated Total Closing WIP		613	(2,206)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8																							
Recurring Plant Additions Hardware									900					900					900				
Software		-	-	-	-	-	(60)	-	900	(60)	-	-	(60)	900	-	(60)	-	-	(60)	-	-	(60)	
Land							(60)	-		(60)			(60)			(60)			(60)			(60)	
Buildings																							
Vendor Fees			_	275	_	_	_	-	-	-	_	_	_	_	-	_	_	_	_	_	_	_	
Installer Fees		_	-	2,880	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Internal Labour		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Internal Materials		-	-	188	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Training		-	-	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Capitalized Overhead Total Recurring Plant Additions			-	2,924 6,306	3,047 3,047	3,012 3,012	2,811 2,751	2,777 2,777	2,810 3,710	2,841 2,781	2,872 2,872	2,903	2,935 2,875	2,967 3,867	3,000	3,033 2,973	3,068	3,105 3,105	3,143 3,983	3,184 3,184	3,226 3,226	3,272 3,212	3,3
rotal Necuring Plant Additions		-	-	0,300	3,047	3,012	2,731	2,111	3,710	2,701	2,012	2,903	2,0/3	3,007	3,000	2,913	3,008	3,105	3,903	3,104	3,220	3,212	3,0
Opening Plant Balance																							
Hardware		-	-	30	30	30	30	30	(0)	900	900	900	900	(336)	(336)	(336)	(336)	(336)	(1,560)	(1,560)	(1,560)	(1,560)	(1,5
Software		-	-	(196)	(859)	(859)	(859)	(919)	(919)	(919)	(979)	(783)	(120)	(180)	(180)	(173)	(233)	(233)	(226)	(681)	(681)	(673)	`(
Land		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-		-	-	
Duildings		-	-	748	748	748	748	748	748	748	748	1,454	1,454	1,454	1,454	1,454	1,454	1,454	1,454	1,454	1,454	1,454	1,
Buildings					(3)	(3)	(3)	(3)	(0)	(3)	(3)	(9,801)	(10,073)	(10,073)	(10,073)	(10,073)	(10,073)	(10,073)	(10,073)	(10,073)	(10,073)	(10.073)	(10,0
Vendor Fees		-	-	-					(3)														
Vendor Fees Installer Fees		-	-	(2,800)	(5,740)	(5,740)	(5,740)	(5,740)	(5,740)	(5,740)	(5,740)	(15,793)	(16,853)	(16,853)	(16,853)	(16,853)	(16,853)	(16,853)	(16,853)	(16,853)	(16,853)	(16,853)	(16,8
Vendor Fees		-	-	(2,800)																			

# Customer Care Enhancement Project- Consolidated Appendix K Schedule Changes (Consolidated Final Version vs. Consolidated Amended Application) Rate Base Detail in \$000s \* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

		Poforonoo	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
85	Training	Reference	2010	2011	2012	-	-	-	-	-	-	-	-	(39)	(39)	(39)	(39)	(39)	(39)	(39)	(39)	(39)	(39)	(39)
86 87	Incremental O&M and Capitalized Overhead Total Opening Plant Balance			-	(2,218)	2,924	5,971 147	8,984 3,159	11,795 5,911	14,572 8.657	17,382 12.367	20,222 15,148	23,094	25,675 (2,294)	28,268	30,893 1,628	33,569 4.310	36,277	39,012 9,694	41,775 11,240	44,567 10,813	47,390 13.636	50,247 16.500	53,139 19.332
87 88	Total Opening Plant Balance		-	-	(2,218)	(2,900)	147	3,159	5,911	8,007	12,367	15,148	(3,979)	(2,294)	(997)	1,628	4,310	6,959	9,694	11,240	10,813	13,636	16,500	19,332
89	Additions				(8)																			
90 91	Hardware Software		-	30 (196)	(0) (663)	-	-	(60)	-	900	(60)	-		(60)	900	-	(60)	-	-	900 (60)	-	-	(60)	-
92	Land		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
93	Buildings		-	748	- (0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
94 95	Vendor Fees Installer Fees		-	(2,800)	(3) (2,940)			-			-		-			-	-			-			-	
96	Internal Labour		-	-	(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
97 98	Internal Materials Training		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
99	Incremental O&M and Capitalized Overhead		-	-	2.924	3.047	3.012	2.811	2.777	2.810	2.841	2.872	2.903	2.935	2.967	3.000	3.033	3.068	3.105	3.143	3.184	3,226	3.272	3,321
100	Total Additions		-	(2,218)	(682)	3,047	3,012	2,751	2,777	3,710	2,781	2,872	2,903	2,875	3,867	3,000	2,973	3,068	3,105	3,983	3,184	3,226	3,212	3,321
101 102	Retirements																							
103	Hardware		-	-	-	-	-	-	(30)	0	-	-	-	(1,236)	(900)	-	-	-	(1,224)	(900)	-	-	-	(1,210)
104 105	Software Land		-	-	-	-	-	-	-	-	-	196	663	-	-	7	-	-	7	(395)	-	8	-	-
105	Buildings		-		-		-	-	-			706			-	-		-	-	-	-	-	-	
107	Vendor Fees		-	-	-	-	-	-	-	-	-	(9,798)	(272)	-	-	-	-	-	-	-	-	-	-	-
108 109	Installer Fees Internal Labour		-	-	-	-	-	-	-	-	-	(10,053) (1,591)	(1,060)	-	-	-	-	-	-	395	-	-	-	-
110	Internal Materials		-	-	-	-	-	-	-		-	(1,458)	(188)	-		-	-	-		(3,160)	-		-	
111	Training		-	-	-	-	-	-	-	-	-	-	(39)	-	-	-	-	-	-	-	-	-	-	-
112 113	Incremental O&M and Capitalized Overhead Total Retirements			-		-			(30)	- 0		(21,999)	(322)	(341)	(342)	(324)	(325)	(334)	(342)	(351)	(360)	(370)	(379)	(389)
114									()	-		(=1,000)	(-,=)	(1,011)	(-,,-	(=)	(===)	(,	(.,)	(.,)	()	()	(=)	(1,000)
115 116	Closing Plant Balance Hardware			30	30	30	30	30	(0)	900	900	900	900	(336)	(336)	(336)	(336)	(336)	(1,560)	(1,560)	(1,560)	(1,560)	(1,560)	(2,770)
117	Software		-	(196)	(859)	(859)	(859)	(919)	(919)	(919)	(979)	(783)	(120)	(180)	(180)	(173)	(233)	(233)	(226)	(681)	(681)	(673)	(733)	(733)
118	Land		-						-													- 1		
119 120	Buildings Vendor Fees		-	748	748	748 (3)	748 (3)	748 (3)	748 (3)	748 (3)	748 (3)	1,454 (9,801)	1,454 (10,073)	1,454 (10,073)	1,454 (10.073)	1,454 (10,073)	1,454 (10,073)	1,454 (10,073)	1,454 (10,073)	1,454 (10,073)	1,454 (10,073)	1,454 (10.073)	1,454 (10,073)	1,454 (10.073)
121	Installer Fees		-	(2,800)	(5,740)	(5,740)	(5,740)	(5,740)	(5,740)	(5,740)	(5,740)	(15,793)	(16,853)	(16,853)	(16,853)	(16,853)	(16,853)	(16,853)	(16,853)	(16,853)	(16,853)	(16,853)	(16,853)	(16,853)
122	Internal Labour Internal Materials		-	-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1,592)	(1,591)	(1,591)	(1,591)	(1,591)	(1,591)	(1,591)	(1,591)	(1,196)	(1,196)	(1,196)	(1,196)	(1,196)
123 124	Training		-		-			-			-	(1,458)	(1,646)	(1,646) (39)	(1,646) (39)	(1,646) (39)	(1,646)	(1,646) (39)	(1,646)	(4,806) (39)	(4,806) (39)	(4,806) (39)	(4,806) (39)	(4,806) (39)
125	Incremental O&M and Capitalized Overhead			-	2,924	5,971	8,984	11,795	14,572	17,382	20,222	23,094	25,675	28,268	30,893	33,569	36,277	39,012	41,775	44,567	47,390	50,247	53,139	56,071
126 127	Total Closing Plant Balance		-	(2,218)	(2,900)	147	3,159	5,911	8,657	12,367	15,148	(3,979)	(2,294)	(997)	1,628	4,310	6,959	9,694	11,240	10,813	13,636	16,500	19,332	21,054
128	Opening Accumulated Depreciation																							
129	Hardware Software		-	-	-	(6)	(12)	(18)	(24)	0	0 577	(180)	(360)	(540)	516	1,484	1,551	1,618	1,685	2,976	4,188	4,500	4,812	5,124 848
130 131	Land		-	-	-	25	132	239	347	462	5//	691	618	52	67	90	106	127	156	178	601	687	764	848
132	Buildings		-	-	-	(12)	(23)	(35)	(46)	(58)	(69)	(81)	(798)	(820)	(842)	(865)	(887)	(909)	(932)	(954)	(977)	(999)	(1,021)	(1,044)
133 134	Vendor Fees Installer Fees		-	-	-	350	0 1,067	1 1,785	1 2,502	1 3,220	2 3,937	2 4,655	9,800 15,426	11,298 18,460	12,557 20,566	13,816 22,673	15,075 24,780	16,334 26,886	17,593 28,993	18,853 31,100	20,112 33,206	21,371 35.313	22,630 37,420	23,889 39,526
135	Internal Labour		-	-	-	-	0	0	2,302	0	0,537	4,055	1,592	1,790	1,989	2,188	2,387	2,585	2,784	2,983	2,787	2,937	3,086	3,236
136	Internal Materials		-	-	-	-	-	-	-	-	-	-	1,458	1,829	2,034	2,240	2,446	2,652	2,857	3,063	6,429	7,029	7,630	8,231
137 138	Training Incremental O&M and Capitalized Overhead		-	-	-	-	(366)	(1,112)	(2,235)	(3.709)	(5.531)	(7.703)	(10.231)	39 (12.796)	44 (15.664)	49 (18.855)	54 (22.393)	59 (26,265)	63 (30,466)	68 (35,000)	73 (39,871)	78 (45.081)	83 (50,635)	88 (56,536)
139	Total Consolidated Depreciation Expense		-	-	-	357	799	861	545	(84)	(1,084)	(2,615)	17,505	19,312	21,268	22,819	23,117	23,088	22,736	23,267	26,549	25,835	24,769	23,362
140 141	Retirements																							
142	Hardware		-	-	-	-	-	-	30	(0)	-	-	-	1,236	900	-	-	-	1,224	900	-		-	1,210
143	Software		-	-	-	-	-	-	-	-	-	(196)	(663)	-	-	(7)	-	-	(7)	395	-	(8)	-	-
144 145	Land Buildings		-	-	-	-	-	-	-		-	(706)	-	-	-	-	-	-	-	-	-	-		-
146	Vendor Fees		-	-	-	-	-	-	-	-	-	9,798	272	-	-	-	-	-	-	-	-	-	-	-
147 148	Installer Fees Internal Labour		-	-	-	-	-	-	-	-	-	10,053 1,591	1,060 (1)	-	-	-	-	-	-	(395)	-	-	-	-
149	Internal Materials		-	-	-	-	-	-	-	-	-	1,458	188	-	-	-	-	-	-	3,160	-	-	-	-
150	Training		-	-	-	-	-	-	-	-	-	-	39	-	-	-	-	-	-	-	-	-	-	-
151 152	Incremental O&M and Capitalized Overhead Total Closing Accumulated Depreciation								30	(0)		21,999	322 1,218	341 1,577	342 1,242	324 317	325 325	334 334	342 1,559	351 4.411	360 360	370 362	379 379	389 1.599
153	·									(-)														
154 155	Depreciation Expense Hardware		_	_	(6)	(6)	(6)	(6)	(6)	0	(180)	(180)	(180)	(180)	67	67	67	67	67	312	312	312	312	312
156	Software			-	25	107	107	107	115	115	115	122	98	15	23	23	22	29	29	28	85	85	84	92
157 158	Land Buildings		-	-	-	(40)	-	- (40)	- (40)	-	-	-	(22)	(22)	(22)	(22)	(22)	(22)	(22)	(22)	(22)	(22)	(22)	(22)
158 159	Vendor Fees		-	-	(12)	(12) 0	(12) 0	(12) 0	(12)	(12) 0	(12) 0	(12) 0	1,225	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259	1,259
160	Installer Fees		-	-	350	717	717	717	717	717	717	717	1,974	2,107	2,107	2,107	2,107	2,107	2,107	2,107	2,107	2,107	2,107	2,107
161 162	Internal Labour Internal Materials		-	-	-	0	0	0	0	0	0	0	199 182	199 206	150 601	150 601	150 601	150 601						
163	Training		-	-	-	-	-		-		-			5	5	5	206 5	5	5	5	5	5	5	5
164	Incremental O&M and Capitalized Overhead			-	-	(366)	(746)	(1,123)	(1,474)	(1,821)	(2,173)	(2,528)	(2,887)	(3,209)	(3,534)	(3,862)	(4,196)	(4,535)	(4,877)	(5,222)	(5,571)	(5,924)	(6,281)	(6,642)
165 166	Total Consolidated Depreciation Expense		-	-	357	442	61	(315)	(659)	(1,000)	(1,531)	(1,879)	589	379	309	(19)	(354)	(685)	(1,027)	(1,129)	(1,075)	(1,428)	(1,786)	(2,140)
167	Closing Accumulated Depreciation																							
168 169	Hardware Software		-	-	(6) 25	(12) 132	(18) 239	(24) 347	0 462	0 577	(180) 691	(360) 618	(540) 52	516 67	1,484 90	1,551 106	1,618 127	1,685 156	2,976 178	4,188 601	4,500 687	4,812 764	5,124 848	6,646 940
170	Land		-	-	-	132	239	347	402	-	- 091	- 018	52	-	90	-	-	100	- 176	-	-	- 104	046	940
171	Buildings		-	-	(12)	(23)	(35)	(46)	(58)	(69)	(81)	(798)	(820)	(842)	(865)	(887)	(909)	(932)	(954)	(977)	(999)	(1,021)	(1,044)	(1,066)

# Customer Care Enhancement Project- Consolidated Appendix K Schedule Changes (Consolidated Final Version vs. Consolidated Amended Application) Rate Base Detail in \$000s \* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
172	Vendor Fees	-	-	-	0	1	1	1	2	2	9.800	11,298	12,557	13,816	15,075	16,334	17,593	18,853	20,112	21,371	22,630	23.889	25,148
173	Installer Fees	-	-	350	1,067	1,785	2,502	3,220	3,937	4,655	15,426	18,460	20,566	22,673	24,780	26,886	28,993	31,100	33,206	35,313	37,420	39,526	41,633
174	Internal Labour	-	-	-	0	0	0	0	0	0	1,592	1,790	1,989	2,188	2,387	2,585	2,784	2,983	2,787	2,937	3,086	3,236	3,385
175	Internal Materials	_	-	-	-	-	_	-	_	-	1,458	1,829	2,034	2,240	2,446	2,652	2,857	3.063	6,429	7,029	7.630	8.231	8,832
176	Training	_	-	-	-	-	-	-	-	-	-	39	44	49	54	59	63	68	73	78	83	88	93
177	Incremental O&M and Capitalized Overhead	-	-	-	(366)	(1.112)	(2.235)	(3,709)	(5.531)	(7.703)	(10.231)	(12,796)	(15.664)	(18.855)	(22,393)	(26,265)	(30,466)	(35,000)	(39.871)	(45,081)	(50,635)	(56.536)	(62,789)
178	Total Closing Accumulated Depreciation		-	357	799	861	545	(84)	(1.084)	(2,615)	17.505	19.312	21,268	22,819	23,117	23,088	22,736	23,267	26,549	25,835	24,769	23,362	22.821
179								(- /	( ) /	( ,,													
180	Opening GPIS	-	-	(2,218)	(2,900)	147	3,159	5,911	8,657	12,367	15,148	(3,979)	(2,294)	(997)	1,628	4,310	6,959	9,694	11,240	10,813	13,636	16,500	19,332
181	Closing GPIS	_	(2.218)	(2.900)	147	3.159	5.911	8,657	12.367	15.148	(3.979)	(2.294)	(997)	1.628	4.310	6.959	9.694	11.240	10.813	13,636	16,500	19.332	21.054
182	Mid-Year GPIS		(1,109)	(2.559)	(1,376)	1.653	4.535	7.284	10.512	13,758	5.585	(3,136)	(1,645)	316	2,969	5,635	8.327	10,467	11,027	12,224	15,068	17,916	20,193
183			( ,,	( , ,	( ,,							(-,,	( ,,										
184	Opening Accumulated Depreciation	-	-	-	357	799	861	545	(84)	(1,084)	(2,615)	17,505	19,312	21,268	22,819	23,117	23,088	22,736	23,267	26,549	25,835	24,769	23,362
185	Closing Accumulated Depreciation	_	-	357	799	861	545	(84)	(1,084)	(2,615)	17,505	19,312	21,268	22,819	23,117	23.088	22,736	23,267	26,549	25,835	24,769	23,362	22,821
186	Mid-Year Accumulated Depreciation	-	-	178	578	830	703	231	(584)	(1,849)	7,445	18,408	20,290	22,043	22,968	23,102	22,912	23,002	24,908	26,192	25,302	24,065	23,092
187	,								. ,	,													
188	Consolidated Mid-Year Net Plant in Service	-	(1,109)	(2,380)	(798)	2,483	5,238	7,515	9,929	11,908	13,029	15,272	18,644	22,359	25,937	28,737	31,238	33,469	35,935	38,416	40,370	41,982	43,285
189			, , ,		, ,																		
190	Consolidated Software CIAOC Opening Balance	-	-	(29)	(205)	(470)	(400)	(327)	(257)	(196)	(130)	(417)	(187)	136	123	98	80	70	47	37	29	8	(6)
191	Consolidated Software CIAOC Additions	-	(29)	(176)	(264)	69	73	70	61	65	(316)	54	59	56	48	53	51	42	(325)	46	38	42	41
192	Consolidated Software CIAOC Retirements	-	` -	` -	` -	-	-	-	-	-	29	176	264	(69)	(73)	(70)	(61)	(65)	316	(54)	(59)	(56)	(48)
193	Consolidated Software CIAOC Closing Balance	-	(29)	(205)	(470)	(400)	(327)	(257)	(196)	(130)	(417)	(187)	136	123	98	80	70	47	37	29	8	(6)	(48)
194																							
195	Consolidated Software CIAOC Opening Balance Accumulated Depreciation	-	-	-	4	29	88	138	179	211	235	223	99	(142)	(90)	(32)	26	77	134	(188)	(139)	(84)	(28)
196	Consolidated Software CIAOC Retirements	-	-	-	-	-	-	-	-	-	(29)	(176)	(264)	69	73	70	61	65	(316)	54	59	56	48
197	Consolidated Amortization of Software CIAOC	-	-	4	26	59	50	41	32	24	16	52	23	(17)	(15)	(12)	(10)	(9)	(6)	(5)	(4)	(1)	1
198	Consolidated Software CIAOC Closing Balance Accumulated Depreciation	-	-	4	29	88	138	179	211	235	223	99	(142)	(90)	(32)	26	77	134	(188)	(139)	(84)	(28)	20
199																							
200	Consolidated Mid Year Software CIAOC	-	(15)	(115)	(321)	(376)	(251)	(134)	(31)	60	(45)	(141)	(47)	13	49	86	126	163	15	(130)	(93)	(55)	(14)
201																							
202	Consolidated Opening Deferred Charges	-	-	(1)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
203	Consolidated O&M Deferred Charge Additions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
204	Consolidated O&M Tax on Deferred Charge Additions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
205	Consolidated O&M Net Deferred Charge Additions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
206	Consolidated O&M Amortization Expense	-	-	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-
207	Consolidated O&M Deferred Charge AFUDC	-	(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
208	Consolidated Closing Deferred Charges	-	(1)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
209	Capital Lease Rate Base	-	(922)	(825)	(728)	(631)	(534)	(437)	(340)	(243)	(146)	(49)	(922)	(825)	(728)	(631)	(534)	(437)	(340)	(243)	(146)	(49)	-
	Consolidated Mid-Year Deferred Charges	-	-	(1)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	-	-	-
	In-Service Adjustment	-	-	370	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
212	Consolidated Ratebase	-	(2,046)	(2,951)	(1,848)	1,475	4,453	6,944	9,557	11,726	12,839	15,082	17,675	21,547	25,259	28,192	30,831	33,195	35,610	38,043	40,131	41,878	43,271

S4a - CCA- Summary
Attachment 7.3

### Financial Schedule 4a

Customer Care Enhancement Project- Consolidated Appendix K Schedule Changes (Consolidated Final Version vs. Consolidated Amended Application)

Capital Cost Allowance Summary in \$000s
\*Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Consolidated																							
1 Opening UCC Balance		-	-	(3,462)	(6,007)	(4,406)	(2,705)	(1,250)	184	2,345	3,418	2,858	3,839	4,980	6,940	7,888	8,833	9,869	10,916	10,950	11,554	12,461	13,354
2 Additions		-	(2,240)	(1,700)	1,904	1,883	1,697	1,735	2,656	1,715	1,795	1,814	1,774	2,754	1,875	1,836	1,918	1,941	2,805	1,990	2,016	1,985	2,076
3 CCA			(1,222)	(845)	(304)	(182)	(242)	(301)	(496)	(642)	(2,355)	(833)	(633)	(795)	(927)	(891)	(882)	(893)	(2,770)	(1,386)	(1,110)	(1,092)	(1,095)
4 Closing UCC Balance		-	(3,462)	(6,007)	(4,406)	(2,705)	(1,250)	184	2,345	3,418	2,858	3,839	4,980	6,940	7,888	8,833	9,869	10,916	10,950	11,554	12,461	13,354	14,334
5																							
6																							
7																							
8 CCA Rates Used																							
9																							
10 Hardware_CCA	0.00%																						
11 Software_CCA	0.00%																						
12 Buildings_CCA	0.00%																						
13 VendorFees_CCA	0.00%																						
14 InstallerFees_CCA	0.00%																						
15 InternalLabour_CCA	96.00%																						
16 InternalMaterials_CCA	96.00%																						
17 Overhead_Cap_CCA	0.00%																						
18																							
19 Amortization of Software CIAOC	0.00%	,																					

Financial Schedule 4b Customer Care Enhancement Project- Consolidated Appendix K Schedule Changes (Consolidated Final Version vs. Consolidated Amended Application)

CCA Detail in \$000s

\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Consolidated Capital Cost Allowance																							
1 UCC Opening																							
2 Hardware		-	-	25	18	12	9	6	4	768	538	376	263	184	894	626	438	307	215	915	641	448	314
3 Software		-	-	(98)	(320)	-	-	(30)	-	-	(30)	-	-	(30)	-	-	(30)	-	-	(30)	0	0	(30)
4 Buildings		-	-	705	662	623	585	550	517	486	457	430	404	380	357	335	315	296	279	262	246	231	217
5 Vendor Fees		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6 Installer Fees		-	-	(1,400)	(1,444)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7 Internal Labour		-	-	(853)	(4,812)	(7,760)	(7,449)	(7,151)	(6,865)	(6,591)	(6,327)	(6,074)	(5,831)	(5,598)	(5,374)	(5,159)	(4,953)	(4,754)	(4,564)	(4,382)	(4,206)	(4,038)	(3,877)
8 Internal Materials		-	-					· -		· ·				·		· -			·			· -	
9 Training		-	-	(499)	(1,018)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)
10 Incremental O&M and Capitalized Overhead			-	(0.400)	1,791	3,586	5,287	6,798	8,227 846	9,619 3,245	10,974 4,575	12,294 5.989	13,580 7.380	14,835 8,734	16,058 10.898	17,253	18,421 13,155	19,563 14,375	20,683 15.575	21,781 17,509	22,859 18,503	23,921 19.526	24,968
<ul><li>11 Total UCC Opening Balance</li><li>12</li></ul>		-	-	(2,120)	(5,122)	(4,576)	(2,605)	(864)	846	3,245	4,575	5,989	7,380	8,734	10,898	12,018	13,155	14,375	15,575	17,509	18,503	19,526	20,556
12 13 UCC Additions																							
14 Hardware		_	30	_	_	_	_	_	900	_	_	_	_	900	_	_	_	_	900	_	_	_	_
15 Software		-	(196)	(640)	_	_	(60)	_	-	(60)	_	_	(60)	-	_	(60)	-	_	(60)	_	_	(60)	_
16 Buildings		-	726	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17 Vendor Fees		-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18 Installer Fees		-	(2,800)	(2,888)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19 Internal Labour		-	- 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 Internal Materials		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21 Training		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22 Incremental O&M and Capitalized Overhead				1,828	1,904	1,883	1,757	1,735	1,756	1,775	1,795	1,814	1,834	1,854	1,875	1,896	1,918	1,941	1,965	1,990	2,016	2,045	2,076
23 Total UCC Additions		-	(2,240)	(1,700)	1,904	1,883	1,697	1,735	2,656	1,715	1,795	1,814	1,774	2,754	1,875	1,836	1,918	1,941	2,805	1,990	2,016	1,985	2,076
24 25 CCA																							
26 Hardware			(4)	(8)	(5)	(4)	(3)	(2)	(136)	(230)	(161)	(113)	(79)	(190)	(268)	(188)	(131)	(92)	(199)	(275)	(192)	(135)	(94)
27 Consolidated Software CCA		-	98	418	320	- (4)	30	30	(130)	30	30	(113)	30	30	(200)	30	30	(92)	30	30	(192)	30	30
28 Buildings		_	(22)	(42)	(40)	(37)	(35)	(33)	(31)	(29)	(27)	(26)	(24)	(23)	(21)	(20)	(19)	(18)	(17)	(16)	(15)	(14)	(13)
29 Vendor Fees CCA		_	-	- (/	- (.0)	-	-	-	-	-	-	-	- ()	- (20)	- ()	- (20)	- (.0)	- (10)	- ()	- (10)	- (10)	- ()	-
30 Installer Fees CCA		-	1.400	2,844	1.444	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31 Internal Labour CCA		-	(853)	(3,959)	(2,948)	310	298	286	275	264	253	243	233	224	215	206	198	190	183	175	168	162	155
32 Internal Materials CCA		-	(767)	(167)	(3)	7	7	6	6	6	(1,722)	(193)	21	20	20	19	18	17	(1,711)	(208)	34	32	31
33 Training		-	(499)	(519)	(20)	-	-	-	-	-	-	-	-	-	-	-	-	-	- '	-	-	-	-
34 Incremental O&M and Capitalized Overhead			-	(37)	(110)	(181)	(247)	(307)	(364)	(420)	(475)	(528)	(580)	(630)	(680)	(728)	(775)	(821)	(867)	(911)	(955)	(998)	(1,040)
35 Total Consolidated CCA		-	(647)	(1,469)	(1,361)	95	50	(19)	(251)	(380)	(2,103)	(617)	(399)	(569)	(735)	(681)	(679)	(724)	(2,581)	(1,204)	(960)	(922)	(931)
36																							
37 UCC Ending Balance						_	_																
38 Hardware		-	25	18	12	9	6	4	768	538	376	263	184	894	626	438	307	215	915	641	448	314	220
39 Software 40 Buildings		-	(98) 705	(320) 662	-	- 585	(30) 550	517	486	(30) 457	430	404	(30) 380	357	335	(30) 315	- 296	279	(30)	0 246	0 231	(30) 217	0 204
40 Buildings 41 Vendor Fees		-	705	662	623	585	550	517	486	457	430	404	380	357	335	315	296	2/9	262	246	231	217	204
41 Vendor Fees 42 Installer Fees			(1,400)	(1,444)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43 Internal Labour		-	(853)	(4,812)	(7,760)	(7,449)	(7,151)	(6,865)	(6,591)	(6,327)	(6,074)	(5,831)	(5,598)	(5,374)	(5,159)	(4,953)	(4,754)	(4,564)	(4,382)	(4,206)	(4,038)	(3,877)	(3,722)
44 Internal Materials		_	(767)	(167)	(3)	7	7	(0,000)	6	(0,027)	(1,722)	(193)	21	20	20	19	18	17	(1,711)	(208)	34	32	31
45 Training		-	(499)	(1,018)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)	(1,037)
46 Incremental O&M and Capitalized Overhead		-	-	1,791	3,586	5,287	6,798	8,227	9,619	10,974	12,294	13,580	14,835	16,058	17,253	18,421	19,563	20,683	21,781	22,859	23,921	24,968	26,004
47 Total UCC Ending Balance		-	(2,887)	(5,289)	(4,579)	(2,598)	(858)	852	3,251	4,580	4,266	7,186	8,755	10,919	12,038	13,174	14,393	15,592	15,798	18,295	19,560	20,589	21,700
48			,	,	,	,	` ′																
49 TGI Software CIAOC Addition		-	(29)	(176)	(264)	69	73	70	61	65	(316)	54	59	56	48	53	51	42	(325)	46	38	42	41

S5 - Revenue Requirement Attachment 7.3

### Financial Schedule 5

Customer Care Enhancement Project- Consolidated Appendix K Schedule Changes (Consolidated Final Version vs. Consolidated Amended Application)

Revenue Requirement & Rate Impact Analysis in \$000s

\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	Consolidated	•			•		•	•	•		•		•	•	•	•	•	•						
1	Revenue Requirement																							
2																								
3	Operating & Maintenance Expense																							
4	CCE Customer Care O&M Costs	S2, line 6	-	-	-	34	69	104	140	177	215	253	292	332	373	414	457	500	544	589	635	681	729	778
5	Avoided Costs- Existing customer care contract		-	-	(8)	(5)	1	(11)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
6	Less: Overhead Capitalized			-	(2,924)	(3,047)	(3,012)	(2,811)	(2,777)	(2,810)	(2,841)	(2,872)	(2,903)	(2,935)	(2,967)	(3,000)	(3,033)	(3,068)	(3,105)	(3,143)	(3,184)	(3,226)	(3,272)	(3,321)
7			-	-	(2,932)	(3,018)	(2,943)	(2,719)	(2,635)	(2,631)	(2,623)	(2,615)	(2,606)	(2,596)	(2,587)	(2,577)	(2,568)	(2,558)	(2,550)	(2,542)	(2,536)	(2,531)	(2,528)	(2,527)
8	1																							
	Property & Other Taxes		-	-	-	(7)	(45)	(44)	(36)	(26)	(18)	(12)	(3)	(3)	(29)	(23)	(19)	(11)	(4)	3	9	7	13	20
	Amortization & Depreciation Expense	line 19 + line 20	-	(97)	(458)	(565)	(217)	168	521	871	1,410	1,766	(738)	(499)	(389)	(63)	269	598	939	1,037	983	1,335	1,690	2,139
	Income Tax Expense	line 29	-	(26)	(479)	(381)	(227)	(106)	(24)	2	100	(398)	(765)	(254)	(358)	(300)	(194)	(104)	(22)	(644)	(234)	(63)	15	368
	Earned Return		-	(154)	(244)	(169)	91	324	519	723	894	983	1,157	1,352	1,648	1,933	2,159	2,361	2,543	2,728	2,915	3,076	3,211	3,318
13	Banner Conversion Costs		1,367	1,290	1,202	1,132	1,061	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14	Consolidated Total Cost of Service	x-ref S6, line 33	1,367	1,012	(2,912)	(3,007)	(2,279)	(2,366)	(1,655)	(1,061)	(237)	(276)	(2,955)	(2,000)	(1,714)	(1,030)	(353)	286	906	581	1,137	1,823	2,400	3,318
15	Cumulative Deficit			2,379	(533)	(3,540)	(5,819)	(8, 185)	(9,840)	(10,901)	(11,137)	(11,414)	(14,368)	(16,369)	(18,083)	(19, 113)	(19,466)	(19,180)	(18,274)	(17,693)	(16,555)	(14,733)	(12,332)	(9,014)
16																								
17	Income Tax Expense Calculation																							
18			-	(67)	(110)	(83)	23	118	197	281	351	388	458	531	647	759	848	928	999	1,072	1,145	1,209	1,263	1,305
19	Add: Depreciation Expense- excluding capital lease	S3b, line 165	-	-	(361)	(468)	(120)	265	618	968	1,507	1,863	(641)	(402)	(292)	34	366	695	1,036	1,135	1,080	1,432	1,787	2,139
20	Add: Amortization Expense	S3b, line 206	-	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	-	-	-	-	-	-	-
21	Less: CCA	S4a, line 3	-	(1,222)	(845)	(304)	(182)	(242)	(301)	(496)	(642)	(2,355)	(833)	(633)	(795)	(927)	(891)	(882)	(893)	(2,770)	(1,386)	(1,110)	(1,092)	(1,095)
22	Less: Overhead Capitalized timing difference		-	-	(1,097)	(1,143)	(1,130)	(1,054)	(1,041)	(1,054)	(1,065)	(1,077)	(1,089)	(1,100)	(1,112)	(1,125)	(1,138)	(1,151)	(1,164)	(1,179)	(1,194)	(1,210)	(1,227)	(1,245)
23	Taxable Income After Tax		-	(1,289)	(2,413)	(1,997)	(1,409)	(914)	(527)	(301)	150	(1,181)	(2,105)	(1,604)	(1,552)	(1,258)	(814)	(410)	(23)	(1,743)	(355)	321	731	1,104
24																								
25	Taxable Income		-	(1,754)	(3,218)	(2,663)	(1,878)	(1,218)	(702)	(401)	201	(1,575)	(2,807)	(2,139)	(2,070)	(1,677)	(1,085)	(546)	(30)	(2,323)	(473)	428	974	1,472
26	<b>;</b>																							
27	Current Income Tax Rate		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
28	Capital Lease Tax Expense		-	438	325	285	243	198	152	102	50	(5)	(63)	281	160	119	77	33	(14)	(63)	(115)	(170)	(229)	-
29	Total Income Tax Expense		-	(26)	(479)	(381)	(227)	(106)	(24)	2	100	(398)	(765)	(254)	(358)	(300)	(194)	(104)	(22)	(644)	(234)	(63)	15	368
20	•			( -,	,	,	. ,	(,	, ,				,	,	,	(,	,	,	` '	,	,	()		

Attachment 7.3 S6 - Discounted Cash Flow

Financial Schedule 6
Customer Care Enhancement Project- Consolidated Appendix K Schedule Changes (Consolidated Final Version vs. Consolidated Amended Application)
Discounted Cash Flow in \$000s

\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

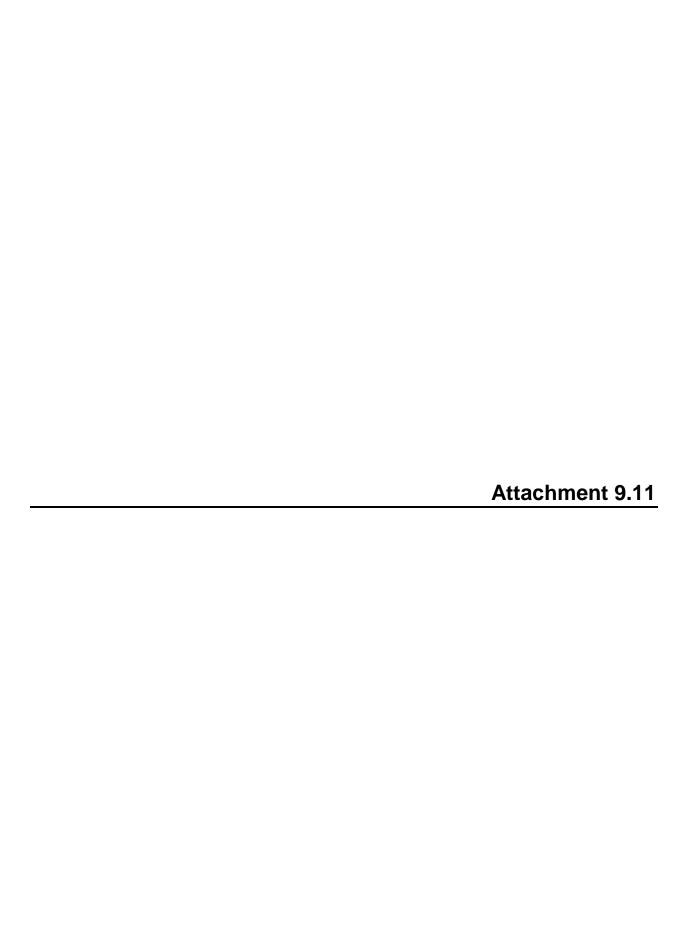
1 Consolidated Project Discounted Cash Flow																							
2	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
<li>Capital Spending- Hardware</li>		(14)	(16)						(900)	-				(900)					(900)			-	-
4 Capital Spending- Software		145	4,978	1,400	-	-	60	-	-	60	-	-	60	-	-	60	-	-	60		-	60	-
<li>Capital Spending- Buildings &amp; Structures</li>		(726)	-	-	-	-	-	-	-	-		-	-	-	-	-		-				-	-
6 Capital Expenditure Cash Flow	S1, line 16	(595)	4,962	1,400	-	-	60	-	(900)	60	-	-	60	(900)	-	60	-	-	(840)		-	60	-
7																							
8 Revenue Requirement	line 33 + 50 + 67	-	(748)	(4,461)	(4,445)	(3,603)	(2,594)	(1,823)	(1,178)	(300)	(283)	(2,901)	(2,293)	(1,872)	(1,146)	(425)	259	928	654	1,264	2,006	2,644	3,318
9 Incremental O&M	line 34 + 51 + 68	-	-	8	(30)	(69)	(93)	(141)	(179)	(218)	(257)	(297)	(338)	(380)	(422)	(466)	(510)	(555)	(601)	(648)	(695)	(744)	(794)
10 Property Tax 1% in Lieu	line 35 + 52 + 69	-	-	-	7	45	44	36	26	18	12	3	3	29	23	19	11	4	(3)	(9)	(7)	(13)	(20)
11 Operating & Other Expense Cash Flow		-	(748)	(4,453)	(4,467)	(3,627)	(2,642)	(1,928)	(1,331)	(500)	(528)	(3,195)	(2,628)	(2,223)	(1,545)	(872)	(239)	377	51	607	1,304	1,887	2,504
12 Tax Expense Cash Flow	line 37 + 54 + 71		198	1,113	1,117	907	661	482	333	125	132	799	657	556	386	218	60	(94)	(13)	(152)	(326)	(472)	(626)
13 After Tax Operating & Other Expense Cash Flow			(550)	(3,340)	(3,351)	(2,721)	(1,982)	(1,446)	(998)	(375)	(396)	(2,397)	(1,971)	(1,667)	(1,159)	(654)	(179)	283	38	455	978	1,415	1,878
14																							
15 Terminal Value Cash Flow		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-
16																							
17 Annual Cash Flow		(595)	4,412	(1,940)	(3,351)	(2,721)	(1,922)	(1,446)	(1,898)	(315)	(396)	(2,397)	(1,911)	(2,567)	(1,159)	(594)	(179)	283	(802)	455	978	1,475	1,878
18																							
19 Annual Discounted Cash Flow (mid year)		(578)	4,015	(1,657)	(2,662)	(2,019)	(1,330)	(934)	(1,152)	(164)	(203)	(1,217)	(918)	(1,152)	(488)	(235)	(66)	96	(263)	141	281	397	471
20																							
21 Total Project Discounted Cash Flow		(9,637)																					

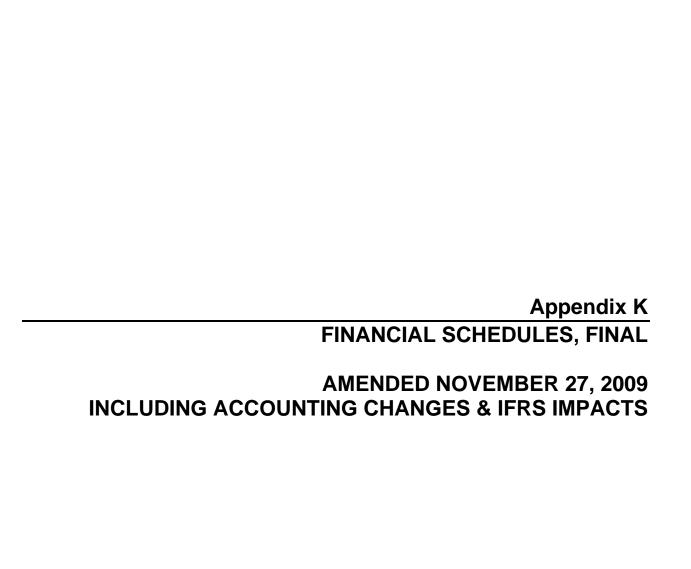
S7 - Cost Per Customer

Financial Schedule 7
Customer Care Enhancement Project-Consolidated Appendix K Schedule Changes (Consolidated Final Version vs. Consolidated Amended Application)
Cost Per Customer Analysis

1 Gas Segment	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
2																							
3 Customer Care Costs (\$000's) 4 CCE Customer Care O&M 5 CCE other Cost of Service	S2, line 6 line 17 + 28 +40		(748)	(4,453)	34 (4,475)	69 (3,672)	104 (2,687)	140 (1,964)	177 (1,357)	215 (518)	253 (540)	292 (3,198)	332 (2,631)	373 (2,252)	414 (1,568)	457 (891)	500 (251)	544 373	589 53	635 617	681 1,311	729 1,900	778 2.524
TGVI Banner to Energy Conversion	line 29	1,367	1,290	1,202	1,132	1,061	11	-	-			-		-					-	-	-	-	
7 Total Customer Care Costs 8		1,367	541	(3,251)	(3,308)	(2,542)	(2,571)	(1,824)	(1,180)	(303)	(287)	(2,906)	(2,299)	(1,879)	(1,154)	(434)	249	917	642	1,251	1,992	2,629	3,302
Average Customers		-		-	-	-	-						-		-	-	-	-	-	-		-	
1 Cost Per Customer		\$ 1.45	\$ 0.57	\$ (3.39) \$	(3.42) \$	(2.60) \$	(2.60) \$	(1.83) \$	(1.17) \$	(0.30) \$	(0.28) \$	(2.81) \$	(2.20) \$	(1.78) \$	(1.08) \$	(0.40) \$	0.23	0.84	\$ 0.58	\$ 1.12 5	1.77 \$	2.31	\$ 2.87
Notes: Other Cost of Service amounts equal to total cost of se	anico as shown on subsequent	Paunaua Paguiram	ant schadula (SE)	loce ORM (not of	CCE quetomor	are and avoided	Looste)																
i	nivice as shown on subsequent	vevenue ivequireni	ent scriedule (55)	iess Odiw (Het O	COL CUSIONEI C	are and avoided	(COSIS)																
Levelized Cost Per Customer Calculation				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	2
Discount Rate (TGI) (Nominal After Tax WACC)				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00
Average Customers Discounted Average Customers				:	-	-	-		-	-	-	-	-	:	-	-	-	:	-		-	:	
CCE Total Customer Care Costs	line 7 x 1000			(3,251,475)	(3,308,359)	(2,541,849)	(2,571,172)	(1,824,034)	(1,179,611)	(303,159)	(286,954)	(2,906,211)	(2,299,149)	(1,879,278)	(1,153,595)	(434,011)	249,365	916,637	642,319	1,251,174	1,992,083	2,628,741	3,301,99
Discount Rate Discounted Costs	S6, line 29			0.00% (3,053,040)	0.00% (2,912,268)	0.00% (2,099,316)	0.00% (1,992,363)	0.00% (1,326,110)	0.00% (804,627)	0.00% (194,015)	0.00% (172,301)	0.00% (1,637,236)	0.00% (1,215,236)	0.00% (931,953)	0.00% (536,742)	0.00% (189,462)	0.00% 102,133	0.00% 352,239	0.00% 231,580	0.00% 423,230	0.00% 632,231	0.00% 782,754	0.00 922,49
Annual Levelized Cost Per Customer				\$ (3.39) \$	(3.42) \$	(2.60) \$	(2.60) \$	(1.83) \$	(1.17) \$	(0.30) \$	(0.28) \$	(2.81) \$		(1.78) \$	(1.08) \$	(0.40) \$	0.23	\$ 0.84	\$ 0.58	\$ 1.12 \$	1.77 \$		\$ 2.8
) Levelized Cost per Customer- CCE CPCN	(13,618,01	0) Costs																					
\$		Customers (1) Cost/Customer	(\$)																				
<del></del>	•																						
Existing Customer Care Contract Discount Rate	\$6, line 29			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00
Discounted Costs Annual Levelized Cost Per Customer				s - s	- s	- \$	- s	- \$	- \$	- \$	- s	- s	- s	- 9	- s	- s			s - :	s - s	· - s	- :	\$ -
2 Levelized Cost per Customer- Existing Contract 3		Costs Customers																					
\$		2) Cost/Customer	(\$)																				

Attachment 7.3





S1 - Project Costs

Attachment 9.11a

Financial Schedule 1

Customer Care Enhancement Project- FINAL Including Accounting Changes & IFRS (November 27, 2009)

Estimated Project Implementation Costs in \$000s

TGI Component	Reference	<u>Total</u>	2009	2010	2011	2012
Capital - CIS Implementation						
1 Consulting		11,730	862	9,638	1,230	
2 Internal Labour		5,897	-	2,453	3,444	
3 Expenses		959	-	1,283	-	(324)
4 Software		5,183	-	4,841	342	-
5 Hardware	_	996	<u>-</u>	731	265	<u> </u>
6 Subtotal		24,765	862	18,946	5,281	(324)
Capital - Services Insourcing						
7 Consulting		25,972	770	3,564	18,256	3,382
8 Internal Labour		4,209	-	1,622	2,587	· <del>-</del>
9 Facilities		7,821	-	1,207	6,614	-
10 Expenses		163	163	-	-	-
11 Software		997	-	591	406	-
12 <u>Hardware</u>	_	2,265	<u>-</u>	14	2,251	<u>-</u>
13 Subtotal		41,427	933	6,998	30,114	3,382
Total Plant Additions						
14 CIS		24,765	862	18,946	5,281	(324)
15 Service Insourcing		41,427	933	6,998	30,114	3,382
16 Subtotal		66,192	1,795	25,944	35,396	3,058
17 AFUDC		2,256	-	835	1,421	-
18 Total Plant Additions	x-ref S3b, (2010 column, lines 25 + 237 + 449) +	68,448	1,795	26,779	36,817	3,058
Deferred O&M						
19 Internal Labour		9,210	-	77	9,133	_
20 Expenses		29,983	-	3,218	21,027	5,739
21 Subtotal	x-ref S3b, lines 203 + 415 + 627	39,193		3,294	30,160	5,739
22 AFUDC	x-ref S3b, lines 207 + 419 + 631	1 <u>,178</u>	-	92	1,086	0
23 Total Deferred O&M	·	40,371	-	3,386	31,246	5,739
24 Capital Lease		6,677	50	104	6,523	,
25 Total		115,496	1,845	30,269	74,585	8,797

S2 - Customer Care New O&M

Attachment 9.11a

Financial Schedule 2
Customer Care Enhancement Project-FINAL Including Accounting Changes & IFRS (November 27, 2009)
Estimated Customer Care 0&M Costs in \$000s, Except Cost /Customer Amounts

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Labour     Outsourced Services     Technology Support     Facilities Support     Expenses				20,289 20,309 1,479 3,189 970	20,343 21,480 1,464 3,253 998	21,218 22,069 1,448 3,318 1,018	22,132 22,669 1,433 3,384 1,038	23,088 23,287 1,418 3,452 1,059	23,628 23,921 1,402 3,521 1,080	24,180 24,351 1,407 3,591 1,102	24,746 25,386 1,412 3,663 1,124	25,326 25,987 1,417 3,736 1,146	25,920 26,464 1,422 3,811 1,169	26,529 27,241 1,427 3,887 1,193	27,152 28,021 1,432 3,965 1,217	27,791 28,799 1,438 4,044 1,241	28,445 29,622 1,443 4,125 1,266	29,116 30,748 1,448 4,208 1,291	29,802 31,447 1,454 4,292 1,317	30,506 32,380 1,459 4,378 1,343	31,227 33,319 1,465 4,465 1,370	31,966 34,285 1,470 4,554 1,397	32,723 35,243 1,476 4,646 1,425
6 Total				46,237	47,538	49,071	50,657	52,303	53,552	54,632	56,332	57,613	58,786	60,276	61,787	63,313	64,901	66,810	68,312	70,066	71,846	73,673	75,513
7 Ave Customers 8 Cost /Customer				959,757 48.18	968,338 49.09	977,113 50.22	986,272 51.36	995,548 52.54	1,004,941 53.29	1,014,455 53.85	1,024,090 55.01	1,033,849 55.73	1,043,735 56.32	1,053,749 57.20	1,063,895 58.08	1,074,174 58.94	1,084,589 59.84	1,095,142 61.01	1,105,836 61.77	1,116,674 62.75	1,127,658 63.71	1,138,791 64.69	1,150,075 65.66

\*Note- Total costs include annual lease payment of \$1.7 million; the revenue requirement includes this as a capital lease and therefore it is accounted for through depreciation, tax and earned return.

S3a - Rate Base- Summary Attachment 9.11a

### Financial Schedule 3a

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
TGI																							
Opening Gas Plant In Service	S3b, line 87	_	_	34.144	61,031	61.031	61.031	61.031	35,240	9.147	9,147	12.701	12,701	12.689	12.680	12.680	9.126	9.126	9.501	12.596	12.596	12.596	12.596
2 Additions	S3b. line 100	_	34,144	26.887	,			1,236	793	-,	3,555		1,224	785	-	-	-,	1.599	3.880	-	-,	,	1,196
3 Retirements	S3b, line 113	_		,	_	-	_	(27,027)	(26,887)	_	-,	_	(1,236)	(793)	_	(3,555)	_	(1,224)	(785)	_	_	-	(1,599)
4 Closing Gas Plant In Service	S3b, line 126		34,144	61,031	61,031	61.031	61,031	35,240	9,147	9.147	12,701	12,701	12,689	12.680	12.680	9,126	9,126	9,501	12,596	12,596	12,596	12,596	12,193
5	222,		* .,	,	,	,	,	,	•,	-,	,	,	,	,	,	-,	-,	-,	,	,	,	,	,
6 Opening Accumulated Depreciation	S3b, line 139	-	-	(2,844)	(11,221)	(22,286)	(33,351)	(44,417)	(25,876)	(2,287)	(2,975)	(4,019)	(5,418)	(5,580)	(6,183)	(7,578)	(5,063)	(5,748)	(5,246)	(5,530)	(6,908)	(8,286)	(9,665)
7 Depreciation	S3b, line 165	-	(2,844)	(8,377)	(11,065)	(11,065)	(11,065)	(8,486)	(3,298)	(688)	(1,044)	(1,399)	(1,398)	(1,396)	(1,395)	(1,040)	(684)	(722)	(1,069)	(1,378)	(1,378)	(1,378)	(1,338)
8 Retirements	S3b, line 152	-	-	-	-	-	-	27,027	26,887		-	-	1,236	793		3,555		1,224	785		-		1,599
9 Closing Accumulated Depreciation	S3b, line 178	-	(2,844)	(11,221)	(22,286)	(33,351)	(44,417)	(25,876)	(2,287)	(2,975)	(4,019)	(5,418)	(5,580)	(6,183)	(7,578)	(5,063)	(5,748)	(5,246)	(5,530)	(6,908)	(8,286)	(9,665)	(9,404)
10																							
11 Opening Contributions in Aid of Construct		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 Additions	S3b, line 191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13 Retirements	S3b, line 192		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14 Closing Contributions in Aid of Construct 15	ion S3b, line 193	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16 Opening Amortization of Contributions in	Aid of Construction S3b, line 195	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17 Amortization	S3b, line 196	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18 Retirements	S3b, line 197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19 Closing Amortization of Contributions in .	Aid of Construction S3b, line 198	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20																							
21 Opening Net Plant In Service		-	-	31,300	49,811	38,745	27,680	16,615	9,365	6,860	6,171	8,682	7,283	7,108	6,497	5,102	4,062	3,378	4,255	7,067	5,688	4,310	2,931
22 Closing Net Plant In Service			31,300	49,811	38,745	27,680	16,615	9,365	6,860	6,171	8,682	7,283	7,108	6,497	5,102	4,062	3,378	4,255	7,067	5,688	4,310	2,931	2,789
23																							
24 Mid Year Net Plant in Service	(line 21 + line 22)/	2 -	15,650	40,556	44,278	33,213	22,147	12,990	8,112	6,516	7,427	7,982	7,196	6,803	5,800	4,582	3,720	3,817	5,661	6,377	4,999	3,621	2,860
25																							
26 Opening Deferred Charges	S3b, line 202	-	2,185	22,902	23,869	21,006	18,143	15,280	12,418	9,555	6,692	3,829	1,827	(176)	(2,179)	(4,182)	(6,185)	(8,188)	(10,191)	(12,194)	(14,197)	(16,199)	(18,202)
27 Additions	S3b, line 205	2,185	20,717	3,829	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28 Amortization	S3b, line 206		-	(2,863)	(2,863)	(2,863)	(2,863)	(2,863)	(2,863)	(2,863)	(2,863)	(2,003)	(2,003)	(2,003)	(2,003)	(2,003)	(2,003)	(2,003)	(2,003)	(2,003)	(2,003)	(2,003)	(2,003)
29 Closing Deferred Charges	S3b, line 208	2,185	22,902	23,869	21,006	18,143	15,280	12,418	9,555	6,692	3,829	1,827	(176)	(2,179)	(4,182)	(6,185)	(8,188)	(10,191)	(12,194)	(14,197)	(16,199)	(18,202)	(20,205)
30														(4. 4mc)	(0.10)	(= 10.0		(0.105)		// / / / ·	44.000	//= aa ::	
31 Mid Year Deferred Charges		-		23,386	22,437	19,575	16,712	13,849	10,986	8,124	5,261	2,828	825	(1,178)	(3,181)	(5,184)	(7,186)	(9,189)	(11,192)	(13,195)	(15,198)	(17,201)	(19,204)
32 Capital Lease Rate Base		-	14,114	12,605	11,102	9,603	8,111	6,623	5,141	3,665	2,194	730	13,838	12,355	10,877	9,406	7,941	6,482	5,030	3,584	2,145	713	-
33 13 Month Adjustment (row 211, S3b)	S3b, line 211	-	-	(2,679)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34 35 TGI Rate Base		. ———	00.704	70.007	77.047	00.000	40.070	00.400	04.040	40.004	44.000	44.540	04.050	47.000	40.400	0.005	4.475	4.440	(504)	(0.000)	(0.05.4)	(40.007)	(40.044)
35 I GI Kate Base	x-ref S3b, line 212	·	29,764	73,867	77,817	62,390	46,970	33,462	24,240	18,304	14,882	11,540	21,859	17,980	13,496	8,805	4,475	1,110	(501)	(3,233)	(8,054)	(12,867)	(16,344)

S3a - Rate Base- Summary Attachment 9.11a

### Customer Care Enhancement Project- FINAL Including Accounting Changes & IFRS (November 27, 2009)

Rate Base Summary in \$000s
\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	TGVI	Kelelelle	2010	2011	2012	2010	2014	2010	2010	2017	2010	2013	2020	2021	2022	2020	2027	2020	2020	2021	2020	2023	2000	2001
36	Opening Gas Plant In Service	S3b, line 299	-	-	4,046	7,226	7,226	7,226	7,226	4,184	1,108	1,108	1,593	1,593	1,605	1,613	1,613	1,129	1,129	1,202	1,697	1,697	1,697	1,697
37	Additions	S3b, line 312	-	4,046	3,180	-	-	-	160	104	-	484	-	173	113	-	-	-	246	607	-	-	-	201
38		S3b, line 325	-	-	-	-	-	-	(3,202)	(3,180)	-	-	-	(160)	(104)	-	(484)	-	(173)	(113)	-	-	-	(246)
39	Closing Gas Plant In Service	S3b, line 338	-	4,046	7,226	7,226	7,226	7,226	4,184	1,108	1,108	1,593	1,593	1,605	1,613	1,613	1,129	1,129	1,202	1,697	1,697	1,697	1,697	1,652
40																								
41	Opening Accumulated Depreciation	S3b, line 351	-	-	(337)	(1,329)	(2,639)	(3,949)	(5,259)	(3,062)	(276)	(362)	(497)	(681)	(705)	(787)	(975)	(629)	(720)	(645)	(687)	(891)	(1,095)	(1,300)
42	Depreciation	S3b, line 377	-	(337)	(992)	(1,310)	(1,310)	(1,310)	(1,006)	(394)	(86)	(135)	(183)	(184)	(187)	(187)	(139)	(91)	(98)	(155)	(204)	(204)	(204)	(200)
43	Retirements	S3b, line 364		-	-	-	-	-	3,202	3,180	-	-	-	160	104		484		173	113	-		-	246
44	Closing Accumulated Depreciation	S3b, line 390	-	(337)	(1,329)	(2,639)	(3,949)	(5,259)	(3,062)	(276)	(362)	(497)	(681)	(705)	(787)	(975)	(629)	(720)	(645)	(687)	(891)	(1,095)	(1,300)	(1,253)
45																								
46	Opening Contributions in Aid of Construction	S3b, line 402	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47		S3b, line 403	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Retirements	S3b, line 404		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Closing Contributions in Aid of Construction	S3b, line 405	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50																								
51	Opening Amortization of Contributions in Aid of Construction	S3b, line 407	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52		S3b, line 408	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53		S3b, line 409		-	-	-	-	-	-	-	-	-	-	-	-		-		-	-	-	-	-	
54	Closing Amortization of Contributions in Aid of Construction	S3b, line 410	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
55	0 1 11 10 11 0 1											=												
56	Opening Net Plant In Service		-		3,709	5,897	4,587	3,277	1,967	1,122	832	746	1,095	912	900	826	639	500	409	557	1,010	806	602	398
57	Closing Net Plant In Service			3,709	5,897	4,587	3,277	1,967	1,122	832	746	1,095	912	900	826	639	500	409	557	1,010	806	602	398	398
58	Mid Year Net Plant in Service	(line 21 + line 22)/2		4.055	4.803	F 0.40	3.932	0.000	1.544	977	789	004	1.004	906	863	700	569	455	483	704	908	704	500	000
59	Mid Year Net Plant in Service	(line 21 + line 22)/2	-	1,855	4,803	5,242	3,932	2,622	1,544	9//	789	921	1,004	906	863	733	569	455	483	784	908	704	500	398
61	Opening Deferred Charges	S3b. line 414	_	256	2,728	2,850	2,509	2,168	1,827	1,486	1,145	804	463	225	(14)	(252)	(491)	(729)	(968)	(1,206)	(1.444)	(1,683)	(1,921)	(2,160)
62		S3b, line 417	256	2.472	463	2,030	2,309	2,100	1,027	1,400	1,145	- 004	403	225	(14)	(232)	(431)	(125)	(900)	(1,200)	(1,444)	(1,003)	(1,521)	(2,100)
63		S3b, line 417	230	2,472	(341)	(341)	(341)	(341)	(341)	(341)	(341)	(341)	(238)	(238)	(238)	(238)	(238)	(238)	(238)	(238)	(238)	(238)	(238)	(238)
64		S3b, line 420	256	2.728	2.850	2.509	2,168	1.827	1.486	1.145	804	463	225	(14)	(252)	(491)	(729)	(968)	(1,206)	(1,444)	(1.683)	(1,921)	(2.160)	(2.398)
65	Glosing Deferred Gridiges	00b, iii ic 420	200	2,720	2,000	2,505	2,100	1,027	1,400	1,140	004	405	223	(14)	(232)	(431)	(723)	(300)	(1,200)	(1,444)	(1,000)	(1,321)	(2,100)	(2,000)
66	Mid Year Deferred Charges		_	_	2.789	2,679	2,338	1,997	1,656	1,315	974	634	344	105	(133)	(371)	(610)	(848)	(1.087)	(1,325)	(1.564)	(1.802)	(2.040)	(2,279)
	Capital Lease Rate Base		_	1,678	1,524	1,365	1,201	1,031	857	677	491	299	101	1,952	1,773	1,588	1,398	1,200	997	787	571	348	118	(2,2.0)
	13 Month Adjustment	S3b. line 423	_	.,070	(312)	.,505	.,201	.,001	-	0//	451	233		.,552	.,,,,,	.,500	.,550	.,200	337	707	5/ 1	340		
69	To Month / Majorition	555, iii 6 425			(312)																			
70	TGVI Rate Base	x-ref S3b, line 424		3.532	8.804	9.287	7.472	5.651	4.058	2,969	2.254	1.853	1.449	2.963	2.503	1.949	1.357	807	394	246	(85)	(751)	(1,423)	(1,881)
				-,	.,	-,		.,,,,,,	,,,,,,	,,,,,,	,	,,,,,,	,	,,,,,,,	,,,,,,	,,,,,,	,				(00)	,/	, , .==,	( , , , , , , , ,

S3a - Rate Base- Summary Attachment 9.11a

### Customer Care Enhancement Project- FINAL Including Accounting Changes & IFRS (November 27, 2009)

Rate Base Summary in \$000s
\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	TGW	11010101100	2010	2011	LUIL	2010	2011	2010	2010	2011	2010	2010	2020	LULI	LULL	LULU	LULI	LULU	LULU	LULI	LULU	LULU	2000	2001
	Opening Gas Plant In Service	S3b, line 511	-		102	183	183	183	183	106	28	28	39	39	39	39	39	28	28	29	39	39	39	39
	Additions	S3b, line 524	-	102	81	-	-	-	. 4	2	-	11	-	.4	2	-		-	5	13	-	-	-	4
	Retirements	S3b, line 537		-	-	-	-	-	(81)	(81)	-	-	-	(4)	(2)	-	(11)	-	(4)	(2)	-	-	-	(5)
74 75	Closing Gas Plant In Service	S3b, line 550	-	102	183	183	183	183	106	28	28	39	39	39	39	39	28	28	29	39	39	39	39	38
76	Opening Accumulated Depreciation	S3b, line 563	-	-	(9)	(34)	(67)	(100)	(133)	(78)	(7)	(9)	(12)	(16)	(17)	(19)	(23)	(15)	(17)	(16)	(17)	(21)	(26)	(30)
77	Depreciation	S3b, line 589	-	(9)	(25)	(33)	(33)	(33)	(25)	(10)	(2)	(3)	(4)	(4)	(4)	(4)	(3)	(2)	(2)	(3)	(4)	(4)	(4)	(4)
78	Retirements	S3b, line 576	-		`	` _	`	`	81	81	- '-	`-'	`-'	4	2	`-'	11		4	2	`-'	`-'	`-'	5
79 80	Closing Accumulated Depreciation	S3b, line 602	-	(9)	(34)	(67)	(100)	(133)	(78)	(7)	(9)	(12)	(16)	(17)	(19)	(23)	(15)	(17)	(16)	(17)	(21)	(26)	(30)	(29)
81	Opening Contributions in Aid of Construction	S3b, line 614	_		-	-	_	-	_	_	-	_		-	_	_		_		_	_	_	_	-
82	. Additions	S3b, line 615	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
83	Retirements	S3b, line 616	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
84	Closing Contributions in Aid of Construction	S3b, line 617	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
85		,																						
86	Opening Amortization of Contributions in Aid of Construction	S3b, line 619	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
87	Amortization	S3b, line 620	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
88	Retirements	S3b, line 621	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
89 90	Closing Amortization of Contributions in Aid of Construction	S3b, line 622	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
91	Opening Net Plant In Service		-	-	94	149	116	83	50	28	21	19	26	22	22	20	16	12	10	13	22	18	14	9
92	Closing Net Plant In Service		-	94	149	116	83	50	28	21	19	26	22	22	20	16	12	10	13	22	18	14	9	9
93																								
94 95	Mid Year Net Plant in Service	(line 21 + line 22)/2	-	47	122	133	100	66	39	24	20	22	24	22	21	18	14	11	12	18	20	16	11	9
	Opening Deferred Charges	S3b, line 626		7	69	72	63	54	46	37	29	20	11	E	(1)	(7)	(13)	(19)	(25)	(31)	(37)	(43)	(49)	(55)
97		S3b, line 629	7	62	11	12	03	34	40	- 31	25	20	- "		(1)	(1)	(13)	(13)	(23)	(31)	(37)	(43)	(43)	(55)
98		S3b, line 630	,	- 02	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
	Closing Deferred Charges	S3b, line 632	7	69	72	63	54	46	37	29	20	11	(0)	(1)	(7)	(13)	(19)	(25)	(31)	(37)	(43)	(49)	(55)	(61)
100		33b, iiile 032	,	03	12	03	34	40	31	25	20		3	(1)	(1)	(13)	(13)	(23)	(31)	(31)	(43)	(45)	(55)	(01)
	Mid Year Deferred Charges		_	_	70	67	59	50	42	33	24	16	8	2	(4)	(10)	(16)	(22)	(28)	(34)	(40)	(46)	(52)	(58)
	Capital Lease Rate Base			42	38	33	29	25	20	16	11	7	2	44	39	35	30	26	21	16	12	7	2	()
	13 Month Adjustment	S3b. line 635	_	.2	(8)	-		-5	-	-		- 1	-		-	-	-			-			-	_
104		000,0 000			(5)																			
	TGW Rate Base	x-ref S3b, line 636		89	222	234	187	141	101	73	55	45	35	68	56	43	28	15	5	0	(8)	(23)	(38)	(49)

### Financial Schedule 3b

### Customer Care Enhancement Project- FINAL Including Accounting Changes & IFRS (November 27, 2009)

Rate Base Detail in \$000s
\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
TGI																							
1 Capital Spending																							
2 Hardware		665	2,243	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-
3 Software 4 Land		4,851	667 652			-	-			-	-	- :	-		- :					-	-	_	
5 Buildings		1,078	5,244	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-
6 Vendor Fees		11,869	2,599	(1,959)	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-
7 Installer Fees		1,067	14,770	1,096	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
8 Internal Labour 9 Internal Materials		2,447 873	4,397 408	575				-				-		-					-		-	-	
10 Training		319	571	-		-	-		-	-	-	-	-	-	-	-				-	-	-	-
11 Incremental O&M			-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	
12 Total Spend 13	x-ref S6, line 31	23,168	31,549	(288)	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-
14 Opening WIP																							
15 Hardware		-	683	955	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
16 Software 17 Land		-	4,985	5,029		-		-			-	-		-				_	-	-		_	
18 Buildings		108	1,222	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-
19 Vendor Fees		1,349	13,621	6,917	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
20 Installer Fees 21 Internal Labour		-	1,097 2,515	5,711 5,553	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
22 Internal Materials		146	1,050	-												-				- :		-	
23 Training		-	328	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-
24 Incremental O&M	x-ref S1, line 18 &	4.600	25,501	24,166	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	
<ul><li>25 Total Opening WIP</li><li>26 Additions</li></ul>	x-ref S6, line 31	1,603	25,501	24,100	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-
27 Hardware		683	2,291	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
28 Software		4,985	948	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
29 Land 30 Buildings		1,114	652 5,244					-	-		-	-		-				_	-	-	-		
31 Vendor Fees		12,272	3,094	(1,959)		_	_	_	_	_	_	_	_	-	_	_			_	_		_	_
32 Installer Fees		1,097	14,972	1,096	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-
33 Internal Labour		2,515	4,629	575	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
34 Internal Materials 35 Training		905 328	408 571			-		-				- :		-					-		-	_	
36 Incremental O&M		-	-	-		-	-			-	-	-	-	-	-	-				-	-	-	-
37 Total Additions	x-ref S1, line 18	23,899	32,809	(288)	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-
38 In-service 39 Hardware		-	(2,019)	(955)						_	_	_		_		_						_	
40 Software		-	(905)	(5,029)	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	_	-
41 Land		-	(652)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42 Buildings 43 Vendor Fees		-	(6,466) (9,798)	(4,959)	-	-	-	-	-	-	-	-	-	-	-	-			-	-		_	-
44 Installer Fees		-	(10,357)	(6,807)	-	-	-	-	-	-	_	-	_	-	-	-		_	-	-	_	_	-
45 Internal Labour		-	(1,591)	(6,127)	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
46 Internal Materials 47 Training		-	(1,458) (899)	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
48 Incremental O&M		_	(033)	-	-	-	-	-	-	-	_	-	_	-	-	-			-	-	_	_	-
49 Total In-service		-	(34,144)	(23,878)	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
50 Closing WIP 51 Hardware		683	955																				
52 Software		4,985	5,029	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-
53 Land		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-
54 Buildings 55 Vendor Fees		1,222 13,621	6,917		-	-	-	-		-		-	-	-	-	-			-	-	-	-	-
56 Installer Fees		1,097	5,711		-	-	-	-		-		-	-	-	-	-				-		-	-
57 Internal Labour		2,515	5,553	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-
58 Internal Materials		1,050	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
59 Training 60 Incremental O&M		328						-			-	-	-	-						-	-		
61 TGI Total Closing WIP		25,501	24,166	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-	
62 63 Recurring Plant Additions																							
63 Recurring Plant Additions 64 Hardware		_	_	_	_	_	_	1,236	793	_	-	_	1,224	785	_	_		1,210	776	_	_	_	1,196
65 Software		-	-	-	-	-	-	-,===	-	-	395	-	-	-	-	-		389	-	-	-	-	
66 Land		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-	-
67 Buildings 68 Vendor Fees		-	-	245	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
69 Installer Fees		-		2,562	-			-	-		-			-	-				-	-	-		-
70 Internal Labour		-	-	-	-	-	-	-	-	-		-	-	-	-	-			-	-	-	-	-
71 Internal Materials 72 Training		-	-	167 35	-	-	-	-	-	-	3,160	-	-	-	-	-			3,104	-	-	-	
72 Training 73 Capitalized Overhead		-	-	-	-	-	-	-	-	-	-		-		-	-			-	-			-
74 Total Recurring Plant Additions		-	-	3,009	-	-	-	1,236	793	-	3,555	-	1,224	785	-	-		1,599	3,880	-	-	-	1,196
75																							

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
76 Opening Plant Balance	1101010100	2010	2011	LUIL	2010	2011	2010	2010	2011	2010	2010	LULU	LUL!	LULL	LULU	LULI	LULU	LULU	LULI	2020	LULU	2000	2001
77 Hardware		-	-	2,019	2,974	2,974	2,974	2,974	2,192	2,029	2,029	2,029	2,029	2,017	2,008	2,008	2,008	2,008	1,995	1,986	1,986	1,986	1,986
78 Software		-	-	905	5,934	5,934	5,934	5,934	5,029	-		395	395	395	395	395	-	-	389	389	389	389	389
79 Land		-	-	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652
80 Buildings		-	-	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466
81 Vendor Fees		-	-	9,798	15,002	15,002	15,002	15,002	5,204				-					-				-	-
82 Installer Fees		-	-	10,357	19,727	19,727	19,727	19,727	9,370	-	-	-	-	-	-	-	-	-	-	-	-	-	-
83 Internal Labour		-	-	1,591	7,718	7,718	7,718	7,718	6,127	-	-	-	-	-	-	-	-	-	-	-	-	-	-
84 Internal Materials		-	-	1,458	1,626	1,626	1,626	1,626	167	-	-	3,160	3,160	3,160	3,160	3,160	-	-	-	3,104	3,104	3,104	3,104
85 Training		-	-	899	934	934	934	934	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-
86 Incremental O&M and Capitalized Overhead		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
87 Total Opening Plant Balance	x-ref S3a, line 1	-	-	34,144	61,031	61,031	61,031	61,031	35,240	9,147	9,147	12,701	12,701	12,689	12,680	12,680	9,126	9,126	9,501	12,596	12,596	12,596	12,596
88																							
89 Additions																							
90 Hardware		-	2,019	955	-	-	-	1,236	793	-	-	-	1,224	785	-	-	-	1,210	776	-	-	-	1,196
91 Software		-	905	5,029	-	-	-	-	-	-	395	-	-	-	-	-	-	389	-	-	-	-	-
92 Land		-	652	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
93 Buildings		-	6,466	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
94 Vendor Fees		-	9,798	5,204	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
95 Installer Fees		-	10,357	9,370	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
96 Internal Labour		-	1,591	6,127	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
97 Internal Materials		-	1,458	167	-	-	-	-	-	-	3,160	-	-	-	-	-	-	-	3,104	-	-	-	-
98 Training		-	899	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
99 Incremental O&M and Capitalized Overhead			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100 Total Additions	x-ref S3a, line 2	-	34,144	26,887	-	-	-	1,236	793	-	3,555	-	1,224	785	-	-	-	1,599	3,880	-	-	-	1,196
101																							
102 Retirements																							
103 Hardware		-	-	-	-	-	-	(2,019)	(955)	-	-	-	(1,236)	(793)	-	-	-	(1,224)	(785)	-	-	-	(1,210)
104 Software		-	-	-	-	-	-	(905)	(5,029)	-	-	-	-	-	-	(395)	-	-	-	-	-	-	(389)
105 Land		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
106 Buildings		-	-	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-
107 Vendor Fees		-	-	-	-	-	-	(9,798)	(5,204)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
108 Installer Fees		-	-	-	-	-	-	(10,357)	(9,370)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109 Internal Labour		-	-	-	-	-	-	(1,591)	(6,127)	-	-	-	-	-	-		-	-	-	-	-	-	-
110 Internal Materials		-	-	-	-	-	-	(1,458)	(167)	-	-	-	-	-	-	(3,160)	-	-	-	-	-	-	-
111 Training		-	-	-	-	-	-	(899)	(35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
112 Incremental O&M and Capitalized Overhead				-	-	-	-	-	(00.000)	-		-	(4.000)	(200)		(0.000)	-	-	-	-	-	-	(4 500)
113 Total Retirements	x-ref S3a, line 3	-	-	-	-	-	-	(27,027)	(26,887)	-	-	-	(1,236)	(793)	-	(3,555)	-	(1,224)	(785)	-	-	-	(1,599)
114																							
115 Closing Plant Balance			0.040	0.074	0.074	0.074	0.074	0.400	0.000	0.000	0.000	0.000	0.047	0.000	0.000	0.000	0.000	4.005	4 000	4.000	4 000	4.000	4.070
116 Hardware 117 Software		-	2,019	2,974 5.934	2,974 5,934	2,974 5,934	2,974 5,934	2,192 5,029	2,029	2,029	2,029	2,029 395	2,017 395	2,008 395	2,008	2,008	2,008	1,995	1,986	1,986 389	1,986	1,986	1,972
		-	905 652						-	-	395	652		652	395	-	050	389	389 652		389 652	389	652
118 Land 119 Buildings		-	6,466	652 6,466	652 6,466	652 6.466	652 6,466	652 6,466	652 6.466	652 6.466	652 6.466	6.466	652 6.466	6.466	652 6,466	652 6.466	652 6.466	652 6.466	6.466	652 6,466	6.466	652 6.466	6,466
119 Buildings 120 Vendor Fees		-	9,798	15.002	15,002	15,002	15,002	5,204	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466	6,466
120 Vendor Fees 121 Installer Fees		-	10,357	19,727	15,002	19,727	19,727	9,370	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
122 Internal Labour		-	1,591	7,718 1,626	7,718	7,718 1,626	7,718 1,626	6,127	-	-	0.400	0.400	0.400	0.400	0.400	-	-	-	0.404	0.404	0.404	0.404	0.404
123 Internal Materials 124 Training		-	1,458 899	934	1,626 934	934	934	167 35	-	-	3,160	3,160	3,160	3,160	3,160	-	-	-	3,104	3,104	3,104	3,104	3,104
		-	899	934	934	934	934	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<ul> <li>125 Incremental O&amp;M and Capitalized Overhead</li> <li>126 Total Closing Plant Balance</li> </ul>	x-ref S3a, line 4		34.144	61,031	61,031	61,031	61,031	35,240	9.147	9.147	12,701	12,701	12,689	12,680	12,680	9,126	9,126	9.501	12,596	12,596	12,596	12,596	12.193
127	A-161 338, IIII6 4	-	34,144	01,031	01,031	01,031	01,031	35,240	5,147	5,147	12,701	12,701	12,009	12,000	12,000	5,120	5,120	5,301	12,390	12,390	12,390	12,390	12,193

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
128	Opening Accumulated Depreciation																							
129			-	-	(202)	(701)	(1,296)	(1,891)	(2,486)	(984)	(450)	(856)	(1,262)	(1,668)	(836)	(446)	(847)	(1,249)	(1,651)	(827)	(441)	(838)	(1,235)	(1,632)
130			-	-	(90)	(774)	(1,961)	(3,148)	(4,335)	(4,526)	-	-	(39)	(118)	(197)	(276)	(355)	(0)	(0)	(39)	(117)	(194)	(272)	(350)
131	Land		-	-	-	-	-	-	-	-		-	-	-	-	-	(0.000)	-	-	-	-	-	-	-
132 133			-	-	(141) (980)	(424)	(706) (6,460)	(989) (9.460)	(1,271) (12,461)	(1,554) (4,683)	(1,837)	(2,119)	(2,402)	(2,684)	(2,967)	(3,249)	(3,532)	(3,814)	(4,097)	(4,379)	(4,662)	(4,945)	(5,227)	(5,510)
133			-	-	(1,036)	(4,044)	(7,990)	(11,935)	(12,461)	(8,433)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	U	U	U
135			_		(1,036)	(1,090)	(2,634)	(4,177)	(5,721)	(5,515)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
136				_	(146)	(454)	(779)	(1,104)	(1,430)	(150)	(0)	(0)	(316)	(948)	(1.580)	(2,212)	(2,844)	(0)	(0)	(0)	(310)	(931)	(1,552)	(2,173)
137	Training				(90)	(273)	(460)	(647)	(833)	(31)	0	0	(0.0)	(0.0)	(1,000)	0	(2,011)	0	0	0	0.0)	(001)	(1,002)	(2,170)
138			_	_	(00)	(2.0)	(100)	(011)	(000)	(0.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
139	Total TGI Depreciation Expense	x-ref S3a, line 6	-	-	(2,844)	(11,221)	(22,286)	(33,351)	(44,417)	(25,876)	(2,287)	(2,975)	(4,019)	(5,418)	(5,580)	(6,183)	(7,578)	(5,063)	(5,748)	(5,246)	(5,530)	(6,908)	(8,286)	(9,665)
140					, , ,		( ,,	(,,	,	( -,,	( , - ,	( ,,	,	(-, -,	(-,,	(-,,	,	(-,,	(-, -,	(-, -,	(-,,	(-,,	(-,,	(-,,
141	Retirements																							
142	Hardware		-	-	-	-	-	-	2,019	955	-	-	-	1,236	793	-	-	-	1,224	785	-	-	-	1,210
143	Software		-	-	-	-	-	-	905	5,029	-	-	-	-	-	-	395	-	-	-	-	-	-	389
144			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
145			-	-	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-
146	Vendor Fees		-	-	-	-	-	-	9,798	5,204	-	-	-	-	-	-	-	-	-	-	-	-	-	-
147 148			-	-	-	-	-	-	10,357	9,370	-	-	-	-	-	-	-	-	-	-	-	-	-	-
148			-	-	-	-	-	-	1,591 1,458	6,127 167	-	-	-	-	-	-	3,160	-	-	-	-	-	-	-
150			-	-	-	-	-	-	899	35	-	-	-	-	-	-	3,160	-	-	-	-	-	-	-
151	Incremental O&M and Capitalized Overhead								055	33														
152		x-ref S3a, line 8						-	27,027	26,887				1,236	793		3,555		1,224	785				1,599
153										,				.,			-,		-,					.,
154	Depreciation Expense																							
155	Hardware		-	(202)	(499)	(595)	(595)	(595)	(517)	(422)	(406)	(406)	(406)	(405)	(403)	(402)	(402)	(402)	(400)	(398)	(397)	(397)	(397)	(396)
156	Software		-	(90)	(684)	(1,187)	(1,187)	(1,187)	(1,096)	(503)	-	(39)	(79)	(79)	(79)	(79)	(39)	-	(39)	(78)	(78)	(78)	(78)	(39)
157	Land		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
158			-	(141)	(283)	(283)	(283)	(283)	(283)	(283)	(283)	(283)	(283)	(283)	(283)	(283)	(283)	(283)	(283)	(283)	(283)	(283)	(283)	(283)
159			-	(980)	(2,480)	(3,000)	(3,000)	(3,000)	(2,021)	(520)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Installer Fees		-	(1,036)	(3,008)	(3,945)	(3,945)	(3,945)	(2,910)	(937)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
161	Internal Labour		-	(159)	(931)	(1,544)	(1,544)	(1,544)	(1,385)	(613)	-			-				-	-					
162			-	(146)	(308)	(325)	(325)	(325)	(179)	(17)	-	(316)	(632)	(632)	(632)	(632)	(316)	-	-	(310)	(621)	(621)	(621)	(621)
163			-	(90)	(183)	(187)	(187)	(187)	(97)	(3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
164 165		x-ref S3a, line 7		(2,844)	(8,377)	(11,065)	(11,065)	(11,065)	(8,486)	(3,298)	(688)	(1,044)	(1,399)	(1,398)	(1,396)	(1,395)	(1,040)	(684)	(722)	(1,069)	(1,378)	(1,378)	(1,378)	(1,338)
166	Total TGI Depreciation Expense	A-IEI 33a, IIIIe 7	-	(2,044)	(0,377)	(11,003)	(11,003)	(11,000)	(0,400)	(3,230)	(000)	(1,044)	(1,355)	(1,350)	(1,390)	(1,353)	(1,040)	(004)	(122)	(1,009)	(1,376)	(1,376)	(1,370)	(1,330)
167	Closing Accumulated Depreciation																							
168	Hardware		_	(202)	(701)	(1,296)	(1,891)	(2,486)	(984)	(450)	(856)	(1,262)	(1,668)	(836)	(446)	(847)	(1,249)	(1,651)	(827)	(441)	(838)	(1,235)	(1,632)	(818)
169	Software		-	(90)	(774)	(1,961)	(3,148)	(4,335)	(4,526)	-	-	(39)	(118)	(197)	(276)	(355)	(0)	(0)	(39)	(117)	(194)	(272)	(350)	(0)
170	Land		-	` -	` -	-		-	-	-	-	` -	` -	` -	` -	` -	`-'		` -	` -	` -	` -	` -	
171	Buildings		-	(141)	(424)	(706)	(989)	(1,271)	(1,554)	(1,837)	(2,119)	(2,402)	(2,684)	(2,967)	(3,249)	(3,532)	(3,814)	(4,097)	(4,379)	(4,662)	(4,945)	(5,227)	(5,510)	(5,792)
172			-	(980)	(3,460)	(6,460)	(9,460)	(12,461)	(4,683)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	0	0	0	0
173			-	(1,036)	(4,044)	(7,990)	(11,935)	(15,880)	(8,433)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
174			-	(159)	(1,090)	(2,634)	(4,177)	(5,721)	(5,515)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
175			-	(146)	(454)	(779)	(1,104)	(1,430)	(150)	(0)	(0)	(316)	(948)	(1,580)	(2,212)	(2,844)	(0)	(0)	(0)	(310)	(931)	(1,552)	(2,173)	(2,794)
176 177	Training Incremental O&M and Capitalized Overhead		-	(90)	(273)	(460)	(647)	(833)	(31)	0	0	0	0	0	U	0	0	0	0	0	U	0	0	0
177		x-ref S3a, line 9		(2.844)	(11,221)	(22,286)	(33,351)	(44,417)	(25,876)	(2,287)	(2,975)	(4,019)	(5,418)	(5,580)	(6,183)	(7,578)	(5,063)	(5,748)	(5,246)	(5,530)	(6,908)	(8,286)	(9,665)	(9,404)
170		A-161 33a, III 8	-	(2,044)	(11,221)	(22,200)	(33,331)	(44,417)	(20,010)	(2,201)	(2,313)	(4,013)	(0,410)	(0,000)	(0,103)	(1,516)	(5,003)	(5,746)	(0,240)	(0,000)	(0,500)	(0,200)	(5,003)	(3,404)
180					34,144	61,031	61,031	61,031	61,031	35,240	9.147	9.147	12.701	12,701	12,689	12,680	12,680	9,126	9,126	9,501	12,596	12,596	12,596	12,596
181			_	34.144	61.031	61,031	61.031	61.031	35,240	9.147	9.147	12,701	12,701	12,689	12,680	12,680	9,126	9.126	9,501	12.596	12,596	12,596	12,596	12,193
182				17,072	47,588	61,031	61,031	61,031	48,136	22,194	9,147	10,924	12,701	12,695	12,684	12,680	10,903	9,126	9,313	11,049	12,596	12,596	12,596	12,395
183					,		. ,	. ,	., .,			.,	,	,	,	*	.,			** *	,	,	,	
184	Opening Accumulated Depreciation		-	-	(2,844)	(11,221)	(22,286)	(33,351)	(44,417)	(25,876)	(2,287)	(2,975)	(4,019)	(5,418)	(5,580)	(6,183)	(7,578)	(5,063)	(5,748)	(5,246)	(5,530)	(6,908)	(8,286)	(9,665)
185	Closing Accumulated Depreciation			(2,844)	(11,221)	(22,286)	(33,351)	(44,417)	(25,876)	(2,287)	(2,975)	(4,019)	(5,418)	(5,580)	(6,183)	(7,578)	(5,063)	(5,748)	(5,246)	(5,530)	(6,908)	(8,286)	(9,665)	(9,404)
186	Mid-Year Accumulated Depreciation		-	(1,422)	(7,032)	(16,753)	(27,819)	(38,884)	(35,146)	(14,081)	(2,631)	(3,497)	(4,719)	(5,499)	(5,882)	(6,881)	(6,321)	(5,405)	(5,497)	(5,388)	(6,219)	(7,597)	(8,976)	(9,534)
187																								
188			-	15,650	40,556	44,278	33,213	22,147	12,990	8,112	6,516	7,427	7,982	7,196	6,803	5,800	4,582	3,720	3,817	5,661	6,377	4,999	3,621	2,860
189																								

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
190	TGI Software CIAOC Opening Balance	x-ref S3a, line 11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
191	TGI Software CIAOC Additions	x-ref S3a, line 12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
192	TGI Software CIAOC Retirements	x-ref S3a, line 13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
193	TGI Software CIAOC Closing Balance	x-ref S3a, line 14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
194	· ·																							
195	TGI Software CIAOC Opening Balance Accumulated Depreciation	x-ref S3a, line 16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
196	TGI Software CIAOC Retirements	x-ref S3a, line 17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
197	TGI Amortization of Software CIAOC	x-ref S3a, line 18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
198	TGI Software CIAOC Closing Balance Accumulated Depreciation	x-ref S3a, line 19	-	=	-	-	-	-	-	-	-	=	-	-	-	=	=	-	-	-	-	-	-	-
199																								
200	TGI Mid Year Software CIAOC		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
201																								
202	TGI Opening Deferred Charges	x-ref S3a, line 26	-	2,185	22,902	23,869	21,006	18,143	15,280	12,418	9,555	6,692	3,829	1,827	(176)	(2,179)	(4,182)	(6,185)	(8,188)	(10,191)	(12, 194)	(14,197)	(16,199)	(18,202)
203	TGI O&M Deferred Charge Additions	S1, line 21	2,942	26,884	5,106	-	-	-	-	-	-	-	-	-	-					-	-	-	-	-
204	TGI O&M Tax on Deferred Charge Additions		(838)	(7,124)	(1,276)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
205	TGI O&M Net Deferred Charge Additions	x-ref S3a, line 27	2,103	19,760	3,829	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
206	TGI O&M Amortization Expense	x-ref S3a, line 28		-	(2,863)	(2,863)	(2,863)	(2,863)	(2,863)	(2,863)	(2,863)	(2,863)	(2,003)	(2,003)	(2,003)	(2,003)	(2,003)	(2,003)	(2,003)	(2,003)	(2,003)	(2,003)	(2,003)	(2,003)
207	TGI O&M Deferred Charge AFUDC	S1, line 22	81	958	-	-			-	-	-		-	-	-					-	-	-		-
208	TGI Closing Deferred Charges	x-ref S3a, line 29	2,185	22,902	23,869	21,006	18,143	15,280	12,418	9,555	6,692	3,829	1,827	(176)	(2,179)	(4,182)	(6,185)	(8,188)	(10,191)	(12,194)	(14,197)	(16,199)	(18,202)	(20,205)
209	Capital Lease Rate Base			14,114	12,605	11,102	9,603	8,111	6,623	5,141	3,665	2,194	730	13,838	12,355	10,877	9,406	7,941	6,482	5,030	3,584	2,145	713	-
210	TGI Mid-Year Deferred Charges		-		23,386	22,437	19.575	16.712	13.849	10.986	8.124	5.261	2.828	825	(1,178)	(3.181)	(5.184)	(7.186)	(9.189)	(11.192)	(13,195)	(15,198)	(17,201)	(19,204)
	In-Service Adjustment	x-ref S3a, line 33	-	-	(2,679)		-			-	-	-		-		-	-	-	-		-	-		-
	TGI Ratebase	x-ref S3a, line 35	-	29,764	73,867	77,817	62,391	46,970	33,462	24,240	18,304	14,882	11,540	21,859	17,980	13,496	8,805	4,475	1,110	(501)	(3,233)	(8,054)	(12,867)	(16,344)

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
TGVI																							
213 Capital Spending																							
214 Hardware 215 Software		78 567	267 79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
216 Land		567	79 77			-				-			-			-	-		-				-
217 Buildings		126	623	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
218 Vendor Fees		1,387	309	(237)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
219 Installer Fees 220 Internal Labour		125	1,756 523	133 69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
221 Internal Materials		286 102	523 48	- 69				-	-	-	-		-		-	-	-						-
222 Training		37	68			-	-	-	-	-	-	-	-	-	-	-	-	-		-		-	-
223 Incremental O&M			-	-	-	-		-		-		-	-		-		-	-	-	-		-	
224 Total Spend 225	x-ref S6, line 48	2,707	3,750	(35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
226 Opening WIP																							
227 Hardware		-	80	113	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
228 Software		-	584	592	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
229 Land 230 Buildings		13	143		-	-		-	-	-	-				-	-	-		-				-
231 Vendor Fees		158	1,596	809	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
232 Installer Fees		-	128	679	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
233 Internal Labour 234 Internal Materials		17	295 123	658	-	-	-	-	-	-	-		-	-	-	-	-	-	-		-		
235 Training		.,	38	-	_	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
236 Incremental O&M			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
237 Total Opening WIP 238 Additions	x-ref S1, line 18 & x-ref S6, line 48	187	2,987	2,851	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
239 Hardware	x-161 30, III16 40	80	273		_	_	_	-		_		_		_	_		_			_			-
240 Software		584	115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
241 Land		-	77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
242 Buildings 243 Vendor Fees		130 1,438	623 371	(237)	-	-	-	-	-	-	-		-	-	-	-	-	-	-		-		-
244 Installer Fees		128	1,782	133	_	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
245 Internal Labour		295	552	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
246 Internal Materials		106	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
247 Training 248 Incremental O&M		38	68		-	-				-			-			-	-		-				-
249 Total Additions	x-ref S1, line 18	2,800	3,910	(35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
250 In-service																							
251 Hardware 252 Software		-	(240) (107)	(113) (592)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
253 Land			(77)	(352)				-	-						-		-						
254 Buildings		-	(766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
255 Vendor Fees		-	(1,158)	(572)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<ul><li>256 Installer Fees</li><li>257 Internal Labour</li></ul>		-	(1,231) (189)	(811) (728)	-	-		-	-	-	-		-		-	-	-		-				-
258 Internal Materials		-	(172)	()	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
259 Training		-	(106)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
260 Incremental O&M 261 Total In-service			(4,046)	(2,816)																		<del></del>	
262 Closing WIP			(1,010)	(2,010)																			
263 Hardware		80	113	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
264 Software 265 Land		584	592	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
266 Buildings		143	-	-	-	-	-	-	-	-	-		-	-	-	-	-		-		-		-
267 Vendor Fees		1,596	809	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
268 Installer Fees 269 Internal Labour		128 295	679 658	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
270 Internal Materials		123	-		-																		
271 Training		38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
272 Incremental O&M			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-		
273 TGVI Total Closing WIP 274		2,987	2,851		•	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
275 Recurring Plant Additions																							
276 Hardware		-	-	-	-	-	-	160	104	-		-	173	113	-	-	-	186	121	-	-	-	201
277 Software 278 Land		-	-	-	-	-	-	-	-	-	54	-	-	-	-	-	-	60	-	-	-	-	-
279 Buildings		-	-	-		-		-	-	-	-	-	-	-	-	-	-	-		-			-
280 Vendor Fees		-	-	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
281 Installer Fees		-	-	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
282 Internal Labour 283 Internal Materials		-	-	20	-	-	-	-	-	-	431	-	-	-	-	-	-	-	486	-	-	-	-
284 Training		-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-		-				-
285 Capitalized Overhead			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
286 Total Recurring Plant Additions 287		-	-	364	-	-	-	160	104	-	484	-	173	113	-	-	-	246	607	-	-	-	201
201																							

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
288	Opening Plant Balance																							
289	Hardware		-	-	240	353	353	353	353	273	264	264	264	264	277	285	285	285	285	299	308	308	308	308
290	Software		-	-	107	699	699	699	699	592	-	-	54	54	54	54	54	-	-	60	60	60	60	60
291	Land		-	-	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77
292	Buildings		-	-	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766
293	Vendor Fees		-	-	1,158	1,760	1,760	1,760	1,760	602	-	-	-	-	-	-	-	-	-	-	-	-	-	-
294	Installer Fees		-	-	1,231	2,352	2,352	2,352	2,352	1,121	-	-	-	-	-	-	-	-	-	-	-	-	-	-
295	Internal Labour		-	-	189	916	916	916	916	728	-	-	-	-	-	-	-	-	-	-	-	-	-	-
296	Internal Materials		-	-	172	192	192	192	192	20	-	-	431	431	431	431	431	-	-	-	486	486	486	486
297	Training		-	-	106	110	110	110	110	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
298	Incremental O&M and Capitalized Overhead			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
299	Total Opening Plant Balance	x-ref S3a, line 36	-	-	4,046	7,226	7,226	7,226	7,226	4,184	1,108	1,108	1,593	1,593	1,605	1,613	1,613	1,129	1,129	1,202	1,697	1,697	1,697	1,697
300																								
301	Additions																							
302	Hardware		-	240	113	-	-	-	160	104	-	-	-	173	113	-	-	-	186	121	-	-	-	201
303	Software		-	107	592	-	-	-	-	-	-	54	-	-	-	-	-	-	60	-	-	-	-	-
304	Land		-	77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
305	Buildings		-	766	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
306	Vendor Fees		-	1,158	602	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
307	Installer Fees		-	1,231	1,121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
308	Internal Labour		-	189	728	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
309	Internal Materials		-	172	20	-	-	-	-	-	-	431	-	-	-	-	-	-	-	486	-	-	-	-
310	Training		-	106	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
311	Incremental O&M and Capitalized Overhead					-	-	-			-	-	-			-	-	-	<u> </u>		-	-	-	
312	Total Additions	x-ref S3a, line 37	-	4,046	3,180	-	-	-	160	104	-	484	-	173	113	-	-	-	246	607	-	-	-	201
313	e di Control di Contro																							
314	Retirements								(0.40)	(440)				(400)	(404)				(470)	(440)				(400)
315 316	Hardware Software		-	-	-	-	-	-	(240) (107)	(113) (592)	-	-	-	(160)	(104)	-	(5.4)	-	(173)	(113)	-	-	-	(186)
316	Land		-	-	-	-	-	-	(107)	(592)	-	-	-	-	-	-	(54)	-	-	-	-	-	-	(60)
318	Buildings		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
319	Vendor Fees		-	-	-	-	-	-	(1.158)	(602)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	Installer Fees		-	-	-	-	-	-	(1,136)	(1,121)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
320	Installer Fees Internal Labour		-	-	-	-	-	-	(1,231)	(728)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Internal Materials		-	-	-	-	-	-	(172)	(20)	-	-	-	-	-	-	(431)	-	-	-	-	-	-	-
322 323	Training		-	-	-	-	-	-	(106)	(4)	-	-	-	-	-	-	(431)	-	-	-	-	-	-	-
323	Incremental O&M and Capitalized Overhead		-	-	-	-	-	-	(106)	(4)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
325	Total Retirements	x-ref S3a, line 38							(3,202)	(3,180)				(160)	(104)		(484)		(173)	(113)				(246)
326	Total Retirements	x-161 33a, III16 30	-	-	-	-		•	(3,202)	(3,100)	-	-	-	(100)	(104)	-	(404)		(173)	(113)	-	-	-	(240)
	Closing Plant Balance																							
328	Hardware		_	240	353	353	353	353	273	264	264	264	264	277	285	285	285	285	299	308	308	308	308	322
329	Software		_	107	699	699	699	699	592	204	204	54	54	54	54	54	203	200	60	60	60	60	60	-
330	Land			77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77
331	Buildings			766	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766	766
332	Vendor Fees		_	1,158	1,760	1,760	1,760	1,760	602	700	700	700	700	700	700	700	700	700	700	700	700	700	700	700
333	Installer Fees			1,130	2.352	2,352	2.352	2.352	1.121							- :								_
334	Internal Labour		_	189	916	916	916	916	728			_				_	_		_	_	_	_	_	_
335	Internal Materials			172	192	192	192	192	20			431	431	431	431	431				486	486	486	486	486
336	Training			106	110	110	110	110	4			701	701	701			- :							
337	Incremental O&M and Capitalized Overhead			100	110	110	- 110	- 110				_	_	_	_	_	_		_	_	_	_	_	_
338	Total Closing Plant Balance	x-ref S3a, line 39		4.046	7,226	7,226	7,226	7,226	4.184	1,108	1,108	1,593	1,593	1,605	1,613	1,613	1,129	1,129	1,202	1,697	1,697	1,697	1.697	1.652
339		234, 1110 00		.,0 10	.,220	. ,220	.,	.,	.,101	.,100	.,100	.,500	.,500	.,000	.,010	.,010	.,.20	.,120	.,202	.,001	.,007	.,001	.,501	.,502

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
340					(0.1)	(0.0)		(00.1)	(000)		(=0)	(4.4.1)	(400)			(00)	(400)		(00.1)	(100)	(0.0)	(100)		(0.00)
341 342			-	-	(24)	(83) (91)	(154) (231)	(224) (371)	(295) (510)	(117) (533)	(58)	(111)	(164)	(217)	(111)	(63) (38)	(120) (48)	(177)	(234)	(120)	(68) (18)	(129) (30)	(191)	(253) (54)
343			_		(11)	(91)	(231)	(3/1)	(510)	(555)	-	-	(5)	(16)	(27)	(36)	(40)			(6)	(10)	(30)	(42)	(54)
344			_		(17)	(50)	(84)	(117)	(151)	(184)	(218)	(251)	(285)	(318)	(352)	(385)	(419)	(452)	(486)	(519)	(553)	(586)	(620)	(653)
345			-		(116)	(408)	(760)	(1,112)	(1,463)	(542)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
346			-	-	(123)	(481)	(952)	(1,422)	(1,893)	(1,009)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
347			-	-	(19)	(129)	(313)	(496)	(679)	(655)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
348			-	-	(17)	(53)	(92)	(130)	(169)	(18)	0	0	(43)	(129)	(215)	(301)	(387)	-	-	-	(49)	(146)	(243)	(340)
349			-	-	(11)	(32)	(54)	(77)	(99)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
350 351		x-ref S3a, line 41		_	(337)	(1,329)	(2,639)	(3,949)	(5,259)	(3,062)	(276)	(362)	(497)	(681)	(705)	(787)	(975)	(629)	(720)	(645)	(687)	(891)	(1,095)	(1,300)
352		X-161 33a, III16 41	-	_	(337)	(1,329)	(2,033)	(3,343)	(3,233)	(3,002)	(270)	(302)	(451)	(001)	(703)	(101)	(575)	(023)	(720)	(043)	(007)	(031)	(1,093)	(1,300)
353																								
354	Hardware		-	_	-	-	-	-	240	113	-	-	-	160	104	-	-	-	173	113	-	-	-	186
355			-	-	-	-	-	-	107	592	-	-	-	-	-	-	54	-	-	-	-	-	-	60
356			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
357			-	-	-	-	-	-	4 450	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
358 359			-	-	-	-	-	-	1,158 1,231	602 1.121	-	-	-	-	-	-	-	-	-	-	-	-	-	-
360				_	-				1,231	728	-	-		-								-		-
361				_	_		_	_	172	20	_	_	_	-	_	_	431	-	_	_	_	_	_	-
362			-		-	-	-	-	106	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
363					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
364		x-ref S3a, line 43	-	-	-	-	-	-	3,202	3,180	-	-	-	160	104	-	484	-	173	113	-	-	-	246
365																								
366 367				(24)	(FO)	(71)	(71)	(71)	(62)	(54)	(52)	(52)	(52)	(F.4)	(EC)	(57)	(57)	(57)	(E0)	(64)	(60)	(62)	(62)	(62)
368				(24)	(59) (81)	(71) (140)	(71) (140)	(140)	(63) (129)	(54)	(53)	(53) (5)	(53) (11)	(54) (11)	(56) (11)	(57) (11)	(57) (5)	(57)	(58) (6)	(61) (12)	(62) (12)	(62) (12)	(62) (12)	(63) (6)
369				(11)	(61)	(140)	(140)	(140)	(123)	(33)		(3)	(11)	(11)	(11)	(11)	(3)		(0)	(12)	(12)	(12)	(12)	(0)
370			-	(17)	(33)	(33)	(33)	(33)	(33)	(33)	(33)	(33)	(33)	(33)	(33)	(33)	(33)	(33)	(33)	(33)	(33)	(33)	(33)	(33)
371	Vendor Fees		-	(116)	(292)	(352)	(352)	(352)	(236)	(60)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
372			-	(123)	(358)	(470)	(470)	(470)	(347)	(112)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
373			-	(19)	(110)	(183)	(183)	(183)	(164)	(73)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
374			-	(17)	(36)	(38)	(38)	(38)	(21)	(2)	-	(43)	(86)	(86)	(86)	(86)	(43)	-	-	(49)	(97)	(97)	(97)	(97)
375 376			-	(11)	(22)	(22)	(22)	(22)	(11)	(0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
377		x-ref S3a, line 42		(337)	(992)	(1,310)	(1,310)	(1,310)	(1,006)	(394)	(86)	(135)	(183)	(184)	(187)	(187)	(139)	(91)	(98)	(155)	(204)	(204)	(204)	(200)
378		x-101 00a, iii10 42		(551)	(332)	(1,510)	(1,510)	(1,510)	(1,000)	(554)	(00)	(155)	(100)	(104)	(107)	(107)	(100)	(31)	(30)	(155)	(204)	(204)	(204)	(200)
379																								
380			-	(24)	(83)	(154)	(224)	(295)	(117)	(58)	(111)	(164)	(217)	(111)	(63)	(120)	(177)	(234)	(120)	(68)	(129)	(191)	(253)	(129)
381			-	(11)	(91)	(231)	(371)	(510)	(533)	-	-	(5)	(16)	(27)	(38)	(48)	-	-	(6)	(18)	(30)	(42)	(54)	(0)
382			-		(50)	- (0.4)	(4.47)	(454)	(404)	(040)	(054)	(005)	(040)	(050)	(005)	(440)	(450)	(400)	(540)	(550)	(500)	(000)	(050)	(687)
383 384			-	(17)	(50) (408)	(84) (760)	(117) (1,112)	(151) (1,463)	(184) (542)	(218) (0)	(251) (0)	(285) (0)	(318)	(352) (0)	(385) (0)	(419) (0)	(452) (0)	(486) (0)	(519) (0)	(553) (0)	(586) (0)	(620) (0)	(653) (0)	(0)
385				(110)	(481)	(952)	(1,112)	(1,403)	(1,009)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
386			-	(19)	(129)	(313)	(496)	(679)	(655)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
387			-	(17)	(53)	(92)	(130)	(169)	(18)	0	0	(43)	(129)	(215)	(301)	(387)	-	-	-	(49)	(146)	(243)	(340)	(437)
388			-	(11)	(32)	(54)	(77)	(99)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
389							-	-	-	-	-		-		-	-	-	-	-	-	-	-		
390		x-ref S3a, line 44	-	(337)	(1,329)	(2,639)	(3,949)	(5,259)	(3,062)	(276)	(362)	(497)	(681)	(705)	(787)	(975)	(629)	(720)	(645)	(687)	(891)	(1,095)	(1,300)	(1,253)
391 392			_		4,046	7,226	7,226	7,226	7,226	4,184	1,108	1,108	1,593	1,593	1,605	1,613	1,613	1,129	1,129	1,202	1,697	1,697	1,697	1,697
393				4.046	7.226	7,226	7,226	7,226	4.184	1.108	1,108	1,593	1,593	1,605	1,613	1,613	1,129	1,129	1,129	1,697	1,697	1,697	1,697	1,652
394				2,023	5,636	7,226	7,226	7,226	5,705	2,646	1,108	1,350	1,593	1,599	1,609	1,613	1,371	1,129	1,166	1,450	1,697	1,697	1,697	1,674
395	;																							-
396			-	-	(337)	(1,329)	(2,639)	(3,949)	(5,259)	(3,062)	(276)	(362)	(497)	(681)	(705)	(787)	(975)	(629)	(720)	(645)	(687)	(891)	(1,095)	(1,300)
397				(337)	(1,329)	(2,639)	(3,949)	(5,259)	(3,062)	(276)	(362)	(497)	(681)	(705)	(787)	(975)	(629)	(720)	(645)	(687)	(891)	(1,095)	(1,300)	(1,253)
398			-	(168)	(833)	(1,984)	(3,294)	(4,604)	(4,160)	(1,669)	(319)	(430)	(589)	(693)	(746)	(881)	(802)	(675)	(682)	(666)	(789)	(993)	(1,197)	(1,276)
399 400				1,855	4,803	5,242	3,932	2,622	1,544	977	789	921	1,004	906	863	733	569	455	483	784	908	704	500	398
400			-	1,000	4,003	5,242	3,332	2,022	1,044	311	103	341	1,004	300	003	133	505	400	403	704	300	704	500	350
.01																								

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
402 TGVI Software CIAOC Opening Balance	x-ref S3a, line 46	2010	2011	2012	2013	2014	2010	2010	2017	2010	2019	2020	2021	2022	2023	2024	2020	2020	2021	2020	2029	2030	2031
403 TGVI Software CIAOC Opening Balance	x-ref S3a, line 47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
404 TGVI Software CIAOC Additions 404 TGVI Software CIAOC Retirements		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	x-ref S3a, line 48																						
405 TGVI Software CIAOC Closing Balance	x-ref S3a, line 49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
406																							
407 TGVI Software CIAOC Opening Balance Accumulated Depreciation	x-ref S3a, line 51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
408 TGVI Software CIAOC Retirements	x-ref S3a, line 52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
409 TGVI Amortization of Software CIAOC	x-ref S3a, line 53		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
410 TGVI Software CIAOC Closing Balance Accumulated Depreciation	x-ref S3a, line 54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
411																							
412 TGVI Mid Year Software CIAOC		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
413																							
414 TGVI Opening Deferred Charges	x-ref S3a, line 61	-	256	2,728	2,850	2,509	2,168	1,827	1,486	1,145	804	463	225	(14)	(252)	(491)	(729)	(968)	(1,206)	(1,444)	(1,683)	(1,921)	(2,160)
415 TGVI O&M Deferred Charge Additions	S1, line 21	344	3,196	617	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
416 TGVI O&M Tax on Deferred Charge Additions		(98)	(847)	(154)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
417 TGVI O&M Net Deferred Charge Additions	x-ref S3a, line 62	246	2,349	463	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
418 TGVI O&M Amortization Expense	x-ref S3a, line 63	-	-	(341)	(341)	(341)	(341)	(341)	(341)	(341)	(341)	(238)	(238)	(238)	(238)	(238)	(238)	(238)	(238)	(238)	(238)	(238)	(238)
419 TGVI O&M Deferred Charge AFUDC	S1, line 22	10	123	-	-	-		-	-		-						-				-		-
420 TGVI Closing Deferred Charges	x-ref S3a, line 64	256	2,728	2,850	2,509	2,168	1,827	1,486	1,145	804	463	225	(14)	(252)	(491)	(729)	(968)	(1,206)	(1,444)	(1,683)	(1,921)	(2,160)	(2.398)
421 Capital Lease Rate Base		-	1,678	1,524	1,365	1,201	1,031	857	677	491	299	101	1,952	1,773	1,588	1,398	1,200	997	787	571	348	118	
422 TGVI Mid-Year Deferred Charges		_		2.789	2,679	2,338	1.997	1.656	1.315	974	634	344	105	(133)	(371)	(610)	(848)	(1.087)	(1,325)	(1.564)	(1,802)	(2.040)	(2,279)
423 In-Service Adjustment	x-ref S3a, line 68	-	-	(312)		-	-	-			-	-		,	- '					-	-	-	
424 TGVI Ratebase	x-ref S3a, line 70	-	3.532	8,804	9.287	7.472	5.651	4.058	2.969	2.254	1.853	1.449	2.963	2.503	1.949	1.357	807	394	246	(85)	(751)	(1.423)	(1,881)
	,		2,002	2,501	-,201	.,	2,50	.,500	_,500	_,	.,500	.,	_,500	_,500	.,510	.,507	001	50 1		(00)	(,,,,,	(., 120)	(.,201)

Po	teference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
TGW	elelelice	2010	2011	2012	2013	2014	2015	2010	2017	2016	2019	2020	2021	2022	2023	2024	2025	2026	2021	2026	2029	2030	2031
425 Capital Spending																							
426 Hardware		2	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
427 Software		14	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
428 Land 429 Buildings		3	16	-	-	-		-	-	-						-			-				
430 Vendor Fees		35	8	(6)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	_	-			
431 Installer Fees		3	44	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
432 Internal Labour		7	13	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
433 Internal Materials 434 Training		3	2	-				-		-		- :		- :		-			_				-
435 Incremental O&M			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	_	-			
436 Total Spend x-ref S	S6, line 65	69	95	(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
437 438 Opening WIP																							
439 Hardware		_	2	3	_	_	_	_	_	_	_	_	_	_	_	_	_		_				
440 Software		-	15	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	_	-			
441 Land		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
442 Buildings 443 Vendor Fees		0	4 41	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
444 Installer Fees		-	3	17				-											_				
445 Internal Labour		-	8	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	_	-	-		
446 Internal Materials		0	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
447 Training 448 Incremental O&M		-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	S1, line 18 &	- 5	76	72																			<del></del>
450 Additions x-ref S	S6, line 65																						
451 Hardware		2	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
452 Software 453 Land		15	3 2	-	-	-		-	-	-		-				-			-				
454 Buildings		3	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	_	_				
455 Vendor Fees		37	9	(6)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	_	-	-		
456 Installer Fees		3	45	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
457 Internal Labour 458 Internal Materials		8	14 1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
459 Training		1	2	-				-	-	-						-			_				
460 Incremental O&M			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		<u> </u>		<u> </u>
	f S1, line 18	71	99	(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
462 In-service 463 Hardware			(6)	(3)																			
464 Software			(3)	(15)				-								-			_				
465 Land		-	(2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
466 Buildings		-	(19)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
467 Vendor Fees 468 Installer Fees		-	(29) (31)	(15) (20)	-	-		-	-	-		-	-			-			-				
469 Internal Labour		-	(5)	(18)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	_	-			
470 Internal Materials		-	(4)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
471 Training 472 Incremental O&M		-	(3)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
473 Total In-service			(102)	(72)																			<del></del>
474 Closing WIP				, ,																			
475 Hardware		2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
476 Software 477 Land		15	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-
478 Buildings		4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-			-
479 Vendor Fees		41	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
480 Installer Fees 481 Internal Labour		3 8	17 17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
482 Internal Materials		3	- 17																_				
483 Training		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
484 Incremental O&M			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				<u> </u>
485 TGW Total Closing WIP 486		76	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
487 Recurring Plant Additions																							
488 Hardware		-	-	-	-	-	-	4	2	-	-	-	4	2	-	-	-	4	3	-	-		- 4
489 Software		-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-
490 Land 491 Buildings		-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-			
492 Vendor Fees				1			-			-			-		-	-			_	-			
493 Installer Fees		-	-	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
494 Internal Labour		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
495 Internal Materials 496 Training		-	-	1	-	-		-	-	-	10	-	-	-	-	-	-	-	10	-			-
497 Capitalized Overhead		-		-			-			-					-	-			_	-			
498 Total Recurring Plant Additions		-	-	9	-	-	-	4	2	-	11	-	4	2	-	-	-	5	13	-	-		- 4
499																							

		Deference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2020	2029	2030	2031
500	Opening Plant Balance	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
501	Hardware				6	0	9	0	0	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6
502	Software		-	-	3	18	18	18	18	15	0	6	0	1	1	0	0		6	0	0	1	0	1
			-	-	2	18	18			15	-	-	1	1	1	1	1	-	-	1	1	1	1	
503	Land		-	-				2	2			2	2		19			2		2	19	2	2	2
504	Buildings		-	-	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
505	Vendor Fees		-	-	29	45	45	45	45	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-
506	Installer Fees		-	-	31	59	59	59	59	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-
507	Internal Labour		-	-	5	23	23	23	23	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-
508	Internal Materials		-	-	4	5	5	5	5	1	-	-	10	10	10	10	10	-	-	-	10	10	10	10
509	Training		-	-	3	3	3	3	3	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
510	Incremental O&M and Capitalized Overhead			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
511	Total Opening Plant Balance	x-ref S3a, line 71	-	-	102	183	183	183	183	106	28	28	39	39	39	39	39	28	28	29	39	39	39	39
512																								
513	Additions																							
514	Hardware		-	6	3	-	-	-	4	2	-	-	-	4	2	-	-	-	4	3	-	-	-	4
515	Software			3	15	-	-	_	-	-	-	1	-	-	_	-	-	-	1	_	_	-	_	-
516	Land		_	2	-	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
517	Buildings		_	19	_	_	_	_	_	_	_	_	_	_	_	_	_	_	-	_	_	-	_	_
518	Vendor Fees			29	16	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
519	Installer Fees		_	31	28	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
520	Internal Labour			5	18	_	_	_	_			_		_		_		_	_	_		_	_	_
521	Internal Materials			4	10							10								10				
	Training		-	3	'n	-	-	-	-	-	-	10	-	-	-	-	-	-	-	10	-	-	-	-
522 523			-	3	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Incremental O&M and Capitalized Overhead			400	81	-				2		11		4	2		-		5	13	-			- 1
524	Total Additions	x-ref S3a, line 72	-	102	81	-	-	-	4	2	-	11	-	4	2	-	-	-	5	13	-	-	-	4
525																								
526	Retirements																							
527	Hardware		-	-	-	-	-	-	(6)	(3)	-	-	-	(4)	(2)	-	-	-	(4)	(2)	-	-	-	(4)
528	Software		-	-	-	-	-	-	(3)	(15)	-	-	-	-	-	-	(1)	-	-	-	-	-	-	(1)
529	Land		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
530	Buildings		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
531	Vendor Fees		-	-	-	-	-	-	(29)	(16)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
532	Installer Fees		-	-	-	-	-	-	(31)	(28)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
533	Internal Labour		-	-	-	-	-	-	(5)	(18)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
534	Internal Materials			_	_	-	-	_	(4)	(1)	-	_	-	-	_	-	(10)	-	-	_	_	-	_	-
535	Training		_	_	_	_	_	_	(3)	(0)	_	_	_	_	_	_		_	_	_	_	_	_	_
536	Incremental O&M and Capitalized Overhead		_	_	_	_	_	_	-	(-)	_	_	_	_	_	_	_	_	-	_	_	-	_	_
537	Total Retirements	x-ref S3a, line 73		-	-	-	-	-	(81)	(81)	-	-		(4)	(2)	-	(11)	-	(4)	(2)		-		(5)
538	Total Total official	x 101 Coa, iii 0 7 0							(0.)	(0.)				(.)	(=)		(,		(.)	(=)				(0)
539	Closing Plant Balance																							
540	Hardware			6	9	0	9	9	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
541	Software		-	3	18	18	18	18	15	U	0	1	4	1	1	1	Ü	U	1	1	1	1	1	-
542	Land		-	2	2	10	2	2	15	2	2	2	2	1	1	2	2	2	2	2	1	2	2	2
			-			40			40	19	19			19	40	19		19		40	40			
543	Buildings		-	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
544	Vendor Fees		-	29	45	45	45	45	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
545	Installer Fees		-	31	59	59	59	59	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
546	Internal Labour		-	5	23	23	23	23	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
547	Internal Materials		-	4	5	5	5	5	1	-	-	10	10	10	10	10	-	-	-	10	10	10	10	10
548	Training		-	3	3	3	3	3	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
549	Incremental O&M and Capitalized Overhead			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
550	Total Closing Plant Balance	x-ref S3a, line 74	-	102	183	183	183	183	106	28	28	39	39	39	39	39	28	28	29	39	39	39	39	38
551																								

Second   S	031
Software	(5)
See   Standing   Sta	(5) (1)
557 Vendor Fees	-
558   Installer Fees	(16)
Fig.   Internal Labour	(0)
Formal Materials	(0)
Failing   Fail	(7)
Formation   Composition   Co	(0)
566 Retirements  567 Software	-
See   Settlements	(30)
Fig.	
Software	4
Separate	1
S70   Vendor Fees	-
571   Installe Fees	-
Fig.   Internal Labour	-
Fig.   Internal Materials	
F75   Incremental O&M and Capitalized Overhead	-
576 Total Closing Accumulated Depreciation x-ref S3a, line 78	-
578 Depreciation Expense 579 Hardware - (1) (1) (2) (2) (2) (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	-
578 Depreciation Expense  579 Hardware  - (1) (1) (2) (2) (2) (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	5
579 Hardware - (1) (1) (2) (2) (2) (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	
580 Software - (0) (2) (4) (4) (4) (3) (2) - (0) (0) (0) (0) (0) - (0) (0) (0) (0) (0) (0) (0) (0) (0) (0)	(1)
582 Buildings - (0) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	(0)
	-
	(1)
303 Vention fees - 1 (3) (7) (3) (3) (6) (2)	-
304 Installed rees	-
586 Internal Materials - (0) (1) (1) (1) (1) (0) - (1) (2) (2) (2) (1) (1) (2) (2) (2)	(2)
587 Training - (0) (1) (1) (1) (1) (0) (0)	-
588 Incremental O&M and Capitalized Overhead	- (4)
589 Total TGW Depreciation Expense x-ref S3a, line 77 - (9) (25) (33) (33) (33) (25) (10) (2) (3) (4) (4) (4) (4) (3) (2) (2) (3) (4) (4) (4) (5) (5) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	(4)
591 Closing Accumulated Depreciation	
592 Hardware - (1) (2) (4) (6) (7) (3) (1) (3) (4) (5) (3) (1) (3) (4) (5) (3) (1) (3) (4) (5)	(3)
593 Software - (0) (2) (6) (9) (13) (14) (0) (0) (0) (0) (1) (1) (1) (0) (0) (0) (0) (1) (1) (1)	(0)
594 Land	(17)
595 Buildings - (0) (1) (2) (3) (4) (5) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (16) (16) (19) (28) (37) (14) (0) (0) (0) (0) (0) (0) (0) (0) (0) (0	(0)
597 Installer Fees - (3) (12) (24) (36) (48) (25) (0) (0) (0) (0) (0) (0) (0) (0) (0) (0	(0)
598 Internal Labour - (0) (3) (8) (13) (17)	-
599 Internal Materials - (0) (1) (2) (3) (4) (0) (1) (3) (5) (7) (9) (1) (3) (5) (7)	(9)
600 Training - (0) (1) (1) (2) (2) (0) (0) (0) (0) (0) (0) (0) (0) (0) (0	(0)
602 Total Closing Accumulated Depreciation x-ref S3a, line 79 - (9) (34) (67) (100) (133) (78) (7) (9) (12) (16) (17) (19) (23) (15) (17) (16) (17) (21) (26) (30)	(29)
603	
604 Opening GPIS 102 183 183 183 183 106 28 28 39 39 39 39 28 28 29 39 39 39	39
605 Closing GPIS - 102 183 183 183 183 106 28 28 39 39 39 39 28 28 29 39 39 39 39	38
606 Mid-Year GPIS - 51 143 183 183 183 144 67 28 33 39 39 39 39 33 28 28 34 39 39 39 607	38
608 Opening Accumulated Depreciation (9) (34) (67) (100) (133) (78) (7) (9) (12) (16) (17) (19) (23) (15) (17) (16) (17) (21) (26)	(30)
609 Closing Accumulated Depreciation - (9) (34) (67) (100) (133) (78) (7) (9) (12) (16) (17) (19) (23) (15) (17) (16) (17) (21) (26) (30)	
610 Mid-Year Accumulated Depreciation - (4) (21) (50) (83) (117) (105) (42) (8) (11) (14) (17) (18) (21) (19) (16) (17) (16) (19) (23) (28)	(29)
611 612 TGW Miri-Year Net Plant in Service - 47 122 133 100 66 39 24 20 22 21 18 14 11 12 18 20 16 11	(30)
612 TGW Mid-Year Net Plant in Service - 47 122 133 100 66 39 24 20 22 24 22 21 18 14 11 12 18 20 16 11	(30)

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
613																							
	x-ref S3a, line 81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	x-ref S3a, line 82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	x-ref S3a, line 83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
617 TGW Software CIAOC Closing Balance	x-ref S3a, line 84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
618																							
619 TGW Software CIAOC Opening Balance Accumulated Depreciation	x-ref S3a, line 86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
620 TGW Software CIAOC Retirements	x-ref S3a, line 87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
621 TGW Amortization of Software CIAOC	x-ref S3a, line 88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
622 TGW Software CIAOC Closing Balance Accumulated Depreciation	x-ref S3a, line 89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
623																							
624 TGW Mid Year Software CIAOC		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
625																							
626 TGW Opening Deferred Charges	x-ref S3a, line 96	-	7	69	72	63	54	46	37	29	20	11	5	(1)	(7)	(13)	(19)	(25)	(31)	(37)	(43)	(49)	(55)
627 TGW O&M Deferred Charge Additions	S1, line 21	9	81	15	-	-	-	-	-	-	-	-	-	-	`-	` -	` -	` -	` -	` -	` -	` -	` -
628 TGW O&M Tax on Deferred Charge Additions		(2)	(21)	(4)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
629 TGW O&M Net Deferred Charge Additions	x-ref S3a, line 97	6	59	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
630 TGW O&M Amortization Expense	x-ref S3a, line 98	-	-	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
631 TGW O&M Deferred Charge AFUDC	S1, line 22	0	3		`-'	- '-	`-'		`-'		-	`-'		-	`-	- '-		- '-	- '-	`-'	`-'	`-'	-
632 TGW Closing Deferred Charges	x-ref S3a, line 99	7	69	72	63	54	46	37	29	20	11	5	(1)	(7)	(13)	(19)	(25)	(31)	(37)	(43)	(49)	(55)	(61)
633 Capital Lease Rate Base		-	42	38	33	29	25	20	16	11	7	2	44	39	35	30	26	21	16	12	` 7	2	` -
634 TGW Mid-Year Deferred Charges		-	-	70	67	59	50	42	33	24	16	8	2	(4)	(10)	(16)	(22)	(28)	(34)	(40)	(46)	(52)	(58)
	x-ref S3a, line 103	-	-	(8)	-		-	-	-	-	-	-	-	`-'	,		` -	,	-		-	-	-
	x-ref S3a, line 105	-	89	222	234	187	141	101	73	55	45	35	68	56	43	28	15	5	0	(8)	(23)	(38)	(49)

S4a - CCA- Summary Attachment 9.11a

### Financial Schedule 4a

## Customer Care Enhancement Project- FINAL Including Accounting Changes & IFRS (November 27, 2009)

Capital Cost Allowance Summary in \$000s
\*Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
TGI	_																						
1 Opening UCC Balance	S4b, line 11	-	-	31,368	54,514	53,428	52,775	52,319	52,858	52,636	51,827	53,311	52,971	53,593	53,450	52,718	52,296	52,019	53,078	54,540	53,864	53,492	53,261
2 Additions	S4b, line 23	-	33,274	25,116	-	-	-	1,236	793	-	3,555	-	1,224	785	-	-	-	1,599	3,880	-	-	-	1,196
3 CCA	S4b, lines 26, 28, 32, 33 & 34	-	(1,906)	(1,970)	(1,086)	(653)	(456)	(697)	(1,015)	(809)	(2,071)	(340)	(601)	(928)	(732)	(422)	(277)	(540)	(2,418)	(676)	(372)	(232)	(493)
4 Closing UCC Balance	_	-	31,368	54,514	53,428	52,775	52,319	52,858	52,636	51,827	53,311	52,971	53,593	53,450	52,718	52,296	52,019	53,078	54,540	53,864	53,492	53,261	53,963
5			error e	error e	error					e	rror e	error					6	error e	error				
6 TGVI																							
7 Opening UCC Balance	S4b, line 60	-	-	2,383	2,274	722	645	591	665	641	538	719	435	529	515	415	359	324	463	669	326	273	242
8 Additions	S4b, line 72	-	3,941	2,955	-	-	-	160	104	-	484	-	173	113	-	-	-	246	607	-	-	-	201
9 CCA	S4b, line 84	-	(1,558)	(3,064)	(1,552)	(77)	(54)	(86)	(128)	(102)	(303)	(284)	(79)	(127)	(100)	(56)	(35)	(107)	(401)	(343)	(53)	(31)	(76)
10 Closing UCC Balance	_	-	2,383	2,274	722	645	591	665	641	538	719	435	529	515	415	359	324	463	669	326	273	242	366
11																							
12 <b>TGW</b>																							
13 Opening UCC Balance	S4b, line 109	-	-	60	60	21	19	17	19	18	16	20	18	20	20	18	16	15	18	22	20	19	18
14 Additions	S4b, line 121	-	100	75	-	-	-	4	2	-	11	-	4	2	-	-	-	5	13	-	-	-	4
15 CCA	S4b, line 133	-	(39)	(75)	(39)	(2)	(1)	(2)	(3)	(2)	(7)	(2)	(2)	(3)	(2)	(1)	(1)	(2)	(8)	(2)	(1)	(1)	(2)
16 Closing UCC Balance	_	-	60	60	21	19	17	19	18	16	20	18	20	20	18	16	15	18	22	20	19	18	21
17																							

17
18
19
20 CCA Rates Used
21
Hardware\_CCA
23 Software\_CCA
24 Buildings\_CCA
25 VendorFees\_CCA
26 InstallerFees\_CCA
27 InternalLabour\_CCA
28 InternalMaterials\_CCA
29 Overhead\_Cap\_CCA
30 55.00% 100.00% 6.00% 100.00% 100.00% 100.00% 100.00% 4.00% 30 31 Amortization of Software CIAOC 12.50%

Financial Schedule 4b Customer Care Enhancement Project- FINAL Including Accounting Changes & IFRS (November 27, 2009)

CCA Detail in \$000s

\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	TGI Capital Cost Allowance	· <u></u>																						
1	UCC Opening																							
2	Hardware		_	_	1,464	1,303	586	264	119	950	1,002	451	203	91	928	987	444	200	90	918	976	439	198	89
3	Software		-	-	445	2,314	-	-	-	-		-	197	-	-	-		-	-	194	-	-	-	-
4	Buildings		-	-	6.237	5.863	5.511	5.180	4.869	4.577	4.303	4.044	3.802	3.574	3.359	3.158	2.968	2.790	2.623	2.465	2.317	2.178	2,048	1.925
5	Vendor Fees		-	-	4,839	2,213	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Installer Fees		-	-	5,179	4,569	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Internal Labour		-	-	792	2,917	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Internal Materials		-	-	-	· -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Training		-	-	445	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Incremental O&M and Capitalized Overhead		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Total UCC Opening Balance	x-ref S4a, line 1	-	-	19,400	19,196	6,097	5,444	4,988	5,527	5,305	4,496	4,202	3,665	4,287	4,144	3,412	2,990	2,713	3,578	3,293	2,617	2,245	2,014
12																								
13																								
14	Hardware		-	2,019	889	-	-	-	1,236	793	-	-	-	1,224	785	-	-	-	1,210	776	-	-	-	1,196
15	Software		-	890	4,628	-	-	-	-	-	-	395	-	-	-	-	-	-	389	-	-	-	-	-
16	Buildings		-	6,430	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Vendor Fees		-	9,678	4,425	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Installer Fees		-	10,357	9,138	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	Internal Labour		-	1,584	5,835	-	-	-	-	-	-		-	-	-	-	-	-	-		-	-	-	-
20	Internal Materials		-	1,426	167	-	-	-	-	-	-	3,160	-	-	-	-	-	-	-	3,104	-	-	-	-
21	Training		-	890	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Incremental O&M and Capitalized Overhead				-	-	-	-	-	-	-		-	-	-	-	-	-	4 500		-	-		1.196
23 24	Total UCC Additions	x-ref S4a, line 2	-	33,274	25,116	-	-	-	1,236	793	-	3,555	-	1,224	785	-	-	-	1,599	3,880	-	-	-	1,196
24 25	CCA																							
26	Hardware	x-ref S4a, line 3		(555)	(1,049)	(717)	(323)	(145)	(405)	(740)	(551)	(248)	(112)	(387)	(726)	(543)	(244)	(110)	(382)	(718)	(537)	(241)	(109)	(378)
27	TGI Software CCA	x-iei 34a, iiile 3	-	(445)	(2,759)	(2,314)	(323)	(145)	(403)	(740)	(331)	(197)	(112)	(307)	(720)	(343)	(244)	(110)	(194)	(194)	(337)	(241)	(109)	(376)
28	Buildings	x-ref S4a, line 3	_	(193)	(374)	(352)	(331)	(311)	(292)	(275)	(258)	(243)	(228)	(214)	(202)	(189)	(178)	(167)	(157)	(148)	(139)	(131)	(123)	(115)
29	Vendor Fees CCA	x ici o-a, iiic o	_	(4,839)	(7,052)	(2,213)	(551)	(311)	(232)	(275)	(250)	(240)	(220)	(214)	(202)	(103)	(170)	(107)	(137)	(140)	(100)	(131)	(120)	(113)
30	Installer Fees CCA		_	(5,179)	(9,747)	(4,569)	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
31	Internal Labour CCA		_	(792)	(3,709)	(2,917)	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
32	Internal Materials CCA	x-ref S4a, line 3	-	(713)	(84)	(2,017)	_	_	-	-	-	(1,580)	_	_	_	-	-	_	_	(1,552)	-	-	-	-
33	Training		-	(445)	(462)	(17)	_	_	-	-	-	(.,)	_	_	_	_	-	_	_	(-,)	-	_	-	-
34	Incremental O&M and Capitalized Overhead	x-ref S4a, line 3	-	-	-	- ()	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	_	-	-
35	Total TGI CCA			(13,161)	(25,237)	(13,099)	(653)	(456)	(697)	(1,015)	(809)	(2,268)	(537)	(601)	(928)	(732)	(422)	(277)	(734)	(2,613)	(676)	(372)	(232)	(493)
36				( -, - ,	, . ,	( -,,	(/	(,	( /	( ,,	(/	( ,,	( /	( /	(/	( - /	` '	` ,	( - /	( //	(/	(- /	( - /	(,
37	UCC Ending Balance																							
38	Hardware		-	1,464	1,303	586	264	119	950	1,002	451	203	91	928	987	444	200	90	918	976	439	198	89	907
39	Software		-	445	2,314	-	-	-	-	-	-	197	-	-	-	-	-	-	194	-	-	-	-	-
40	Buildings		-	6,237	5,863	5,511	5,180	4,869	4,577	4,303	4,044	3,802	3,574	3,359	3,158	2,968	2,790	2,623	2,465	2,317	2,178	2,048	1,925	1,809
41	Vendor Fees		-	4,839	2,213	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Installer Fees		-	5,179	4,569	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43	Internal Labour		-	792	2,917	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Internal Materials		-	713	84	-	-	-	-	-	-	1,580	-	-	-	-	-	-	-	1,552	-	-	-	-
45	Training		-	445	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46	Incremental O&M and Capitalized Overhead			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
47 48	Total UCC Ending Balance		•	20,113	19,279	6,097	5,444	4,988	5,527	5,305	4,496	5,782	3,665	4,287	4,144	3,412	2,990	2,713	3,578	4,845	2,617	2,245	2,014	2,716
48	TGI Software CIAOC Addition		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Customer Care Enhancement Project-FINAL Including Accounting Changes & IFRS (November 27, 2009)
CCA Detail in \$000s
\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	TGVI Capital Cost Allowance																							
50	UCC Opening																							
51	Hardware		-	_	174	154	69	31	14	122	131	59	26	12	130	140	63	28	13	141	151	68	31	14
52	Software		-	-	52	271	-	-	-	-	-	-	27	-	-	-	-	_	-	30	-	-	-	-
53	Buildings		-	-	739	695	653	614	577	542	510	479	451	423	398	374	352	331	311	292	275	258	243	228
54	Vendor Fees		-	-	571	252	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	- '	-
55	Installer Fees		-	-	616	546	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	Internal Labour		-	-	94	345	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
57	Internal Materials		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
58	Training		-	-	53	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59	Incremental O&M and Capitalized Overhead		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	Total UCC Opening Balance	x-ref S4a, line 7	-	-	2,299	2,264	722	645	591	665	641	538	504	435	529	515	415	359	324	463	426	326	273	242
61																								
62	UCC Additions																							
63	Hardware		-	240	104	-	-	-	160	104	-	-	-	173	113	-	-	-	186	121	-	-	-	201
64	Software		-	105	541	-	-	-	-	-	-	54	-	-	-	-	-	-	60	-	-	-	-	-
65	Buildings		-	762	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
66	Vendor Fees		-	1,143	503	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
67	Installer Fees		-	1,231	1,092	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
68	Internal Labour		-	188	690	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
69	Internal Materials		-	167	20	-	-	-	-	-	-	431	-	-	-	-	-	-	-	486	-	-	-	-
70	Training		-	105	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	Incremental O&M and Capitalized Overhead			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
72	Total UCC Additions	x-ref S4a, line 8	-	3,941	2,955	-	-	-	160	104	-	484	-	173	113	-	-	-	246	607	-	-	-	201
73																								
74	CCA											,·		,										
75	Hardware		-	(66)	(124)	(85)	(38)	(17)	(52)	(96)	(72)	(32)	(15)	(54)	(103)	(77)	(35)	(16)	(58)	(111)	(83)	(37)	(17)	(63)
76	TGVI Software CCA		-	(52)	(323)	(271)	- (00)	- (07)	(05)	- (0.0)	- (04)	(27)	(27)	- (05)	- (0.4)	- (00)	- (04)	- (00)	(30)	(30)	- (40)	- (45)	- (45)	-
77	Buildings		-	(23)	(44)	(42)	(39)	(37)	(35)	(33)	(31)	(29)	(27)	(25)	(24)	(22)	(21)	(20)	(19)	(18)	(16)	(15)	(15)	(14)
78	Vendor Fees CCA		-	(571)	(823)	(252)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Installer Fees CCA		-	(616)	(1,161)	(546)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80 81	Internal Labour CCA		-	(94)	(439)	(345) (10)	-	-	-	-	-	(215)	(215)	-	-	-	-	-	-	(243)	(243)	-	-	-
82	Internal Materials CCA		-	(84) (53)	(94) (55)		-	-	-	-	-	(215)	(215)	-	-	-	-	-	-	(243)	(243)	-	-	-
83	Training Incremental O&M and Capitalized Overhead		-	(55)	(55)	(2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
84	Total TGVI CCA	v rof C4o line O		(1,558)	(3,064)	(1,552)	(77)	(54)	(86)	(128)	(102)	(303)	(284)	(79)	(127)	(100)	(56)	(35)	(107)	(401)	(343)	(53)	(31)	(76)
85	Total TGVTCCA	x-ref S4a, line 9	=	(1,556)	(3,004)	(1,332)	(11)	(34)	(00)	(120)	(102)	(303)	(204)	(13)	(121)	(100)	(50)	(33)	(107)	(401)	(343)	(55)	(31)	(10)
86	UCC Ending Balance																							
87	Hardware		_	174	154	69	31	14	122	131	59	26	12	130	140	63	28	13	141	151	68	31	14	152
88	Software		_	52	271	-	-		-	-	-	27	- 12	-	140	-	-	-	30	-	-	-		-
89	Buildings		_	739	695	653	614	577	542	510	479	451	423	398	374	352	331	311	292	275	258	243	228	214
90	Vendor Fees		_	571	252	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-		-	
91	Installer Fees		-	616	546	-	_	_	_	-	_	_	_	_	-	_	_	_	-	_	_	_	-	-
92	Internal Labour		-	94	345	-	_	_	_	-	_	_	_	_	-	_	_	_	-	_	_	_	-	-
93	Internal Materials		-	84	(74)	(10)	_	_	_	-	_	215	(215)	_	-	_	_	_	-	243	(243)	_	-	-
94	Training		_	53	2	- (10)	-	-	-	-	-		- (= . 5)	-	-	-	-	_	-		(= .5)	-	-	-
95	Incremental O&M and Capitalized Overhead		_	-		-	-	-	-	-	-	_	_	-	-	-	-	_	-	_	-	-	-	-
96	Total UCC Ending Balance			2,383	2,190	712	645	591	665	641	538	719	220	529	515	415	359	324	463	669	83	273	242	366
97					,	_							-	. •										
98	TGVI Software CIAOC Addition		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Customer Care Enhancement Project-FINAL Including Accounting Changes & IFRS (November 27, 2009)
CCA Detail in \$000s
\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	TGW Capital Cost Allowance	IZCICICIOS	2010	2011	2012	2013	2014	2013	2010	2017	2010	2015	2020	2021	2022	2020	2024	2020	2020	2021	2020	2023	2030	2031
	•																							
99	UCC Opening																							
100	Hardware		-	-	4	4	2	1	0	3	3	1	1	0	3	3	1	1	0	3	3	1	1	0
101	Software		-	-	1 19	7	-	16	-	- 44	- 13	12	1	- 44	10	- 0	- 0	- 0	- 0	1			-	-
102 103	Buildings		-	-	19	18	16	16	15	14	13	12	11	11	10	9	9	8	8	,	1	,	ь	ь
103	Vendor Fees		-	-	14	1/	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
105	Installer Fees Internal Labour		-	-	2	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
105	Internal Labour		-		- 4	-	-			-	-	-	-	-		-	-		-		-	-		-
107	Training		-	-	1	0	-	-	_	_	-	_	-	-	-	_	-	_	-	_	-	-	_	-
108	Incremental O&M and Capitalized Overhead		-	-	_ `	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Total UCC Opening Balance	x-ref S4a, line 13	-	-	58	57	18	16	15	17	16	13	13	11	13	13	10	9	8	11	10	8	7	6
110	3																							
111																								
112	Hardware		-	6	3	-	-	-	4	2	-	-	-	4	2	-	-	-	4	3	-	-	-	4
113	Software		-	3	14	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-
114	Buildings		-	19		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
115	Vendor Fees		-	29	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
116	Installer Fees		-	31 5	27 17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
117 118	Internal Labour		-	5 4	17	-	-	-	-	-	-	- 10	-	-	-	-	-	-	-	- 10	-	-	-	-
119	Internal Materials Training		-	3	0	-	-	-	-	-	-	10	-	-	-	-	-	-	-	10	-	-	-	-
120	Incremental O&M and Capitalized Overhead			-	-					_					_	-		-						_
121	Total UCC Additions	x-ref S4a, line 14		100	75				4	2		11		4	2				5	13				4
122	Total COO Additions	x 101 04a, iii10 14			,,					-					-				·					·
123	CCA																							
124	Hardware		-	(2)	(3)	(2)	(1)	(0)	(1)	(2)	(2)	(1)	(0)	(1)	(2)	(2)	(1)	(0)	(1)	(2)	(2)	(1)	(0)	(1)
125	TGW Software CCA		-	(1)	(8)	(7)	-	- '	- '	- '	-	(1)	(1)	-	-		-	-	(1)		-	-	- '	-
126	Buildings		-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(0)	(0)	(0)	(0)	(0)	(0)
127	Vendor Fees CCA		-	(14)	(21)	(7)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
128	Installer Fees CCA		-	(16)	(29)	(14)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129	Internal Labour CCA		-	(2)	(11)	(9)	-	-	-	-	-		-	-	-	-	-	-	-		-	-	-	-
130	Internal Materials CCA		-	(2)	(0)	- (0)	-	-	-	-	-	(5)	-	-	-	-	-	-	-	(5)	-	-	-	-
131	Training		-	(1)	(1)	(0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
132 133	Incremental O&M and Capitalized Overhead Total TGW CCA	4 0 4 - 15 - 4 5	<u>-</u> -	(39)	(75)	(39)	(2)	(1)	(2)	(3)	(2)	(7)	(2)	(2)	(3)	(2)	(1)	(1)	(2)	(8)	(2)	(1)	(1)	(2)
134	Total TGW CCA	x-ref S4a, line 15	-	(39)	(75)	(39)	(2)	(1)	(2)	(3)	(2)	(1)	(2)	(2)	(3)	(2)	(1)	(1)	(2)	(0)	(2)	(1)	(1)	(2)
135	UCC Ending Balance																							
136	Hardware		-	4	4	2	1	0	3	3	1	1	0	3	3	1	1	0	3	3	1	1	0	3
137	Software		-	1	7		- '			-	- '	1			-	- '	- '		1		- '	- '		-
138	Buildings		-	19	18	16	16	15	14	13	12	11	11	10	9	9	8	8	7	7	7	6	6	5
139	Vendor Fees		-	14	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	Installer Fees		-	16	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
141	Internal Labour		-	2	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
142	Internal Materials		-	2	0	-	-	-	-	-	-	5	-	-	-	-	-	-	-	5	-	-	-	-
143	Training		-	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
144	Incremental O&M and Capitalized Overhead		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
145	Total UCC Ending Balance		-	60	58	18	16	15	17	16	13	18	11	13	13	10	9	8	11	15	8	7	6	8
146	TOM 0-6 014 00 A ddisi																							
147	TGW Software CIAOC Addition		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

S5 - Revenue Requirement Attachment 9.11a

# Financial Schedule 5

Customer Care Enhancement Project- FINAL Including Accounting Changes & IFRS (November 27, 2009)

Revenue Requirement & Rate Impact Analysis in \$000s

\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
TC	GI																							=
1 Re	evenue Requirement																							
3 ( 4 5 6 7	Operating & Maintenance Expense CCE Customer Care O&M Costs Avoided Costs- Existing customer care contract Less: Overhead Capitalized	S2, line 6		- - -	39,624 (55,893) - (16,269)	40,706 (57,593) - (16,887)	41,989 (58,615) - (16,626)	43,316 (58,781) - (15,465)	44,684 (59,883) - (15,199)	45,695 (61,016) - (15,321)	46,551 (61,975) - (15,423)	47,947 (63,475) - (15,528)	48,969 (64,599) - (15,631)	49,890 (65,624) - (15,734)	51,081 (66,920) - (15,839)	52,284 (68,230) - (15,946)	53,492 (69,548) - (16,056)	54,747 (70,918) - (16,171)	56,271 (72,564) - (16,293)	57,435 (73,856) - (16,422)	58,808 (75,367) - (16,559)	60,194 (76,901) - (16,707)	61,611 (78,480) - (16,869)	63,030 (80,076) - (17,047)
10 / 11 I	Property & Other Taxes Amoritization & Depreciation Expense Income Tax Expense Earned Return	line 19 + line 20 line 29	- - -	4,330 (3,011) 2,164	12,722 (3,646) 5,566	35 15,408 1,299 5,943	(16) 15,406 5,257 4,765	58 15,403 5,131 3,587	88 12,821 4,015 2,556	87 7,629 2,045 1,851	43 5,017 1,139 1,398	(37) 5,370 689 1,137	(78) 4,862 1,014 881	(84) 4,858 1,395 1,670	(90) 4,852 1,141 1,373	(79) 4,848 1,126 1,031	(86) 4,490 1,027 672	(90) 4,131 876 342	(100) 4,165 662 85	(109) 4,509 93 (38)	(115) 4,815 771 (247)	(120) 4,812 777 (615)	(113) 4,808 727 (983)	(119) 3,341 788 (1,248)
	TGI Total Cost of Service	x-ref S6, line 33	-	3,483	(1,626)	5,798	8,785	8,713	4,280	(3,708)	(7,826)	(8,369)	(8,951)	(7,895)	(8,562)	(9,020)	(9,952)	(10,913)	(11,481)	(11,967)	(11,335)	(11,853)	(12,430)	(14,285)
15 16 17 18 19 20 21 22	Income Tax Expense Calculation Equity Earned Return Add: Depreciation Expense - excluding capital lease Add: Amortization Expense Less: CCA Less: Overhead Capitalized timing difference	S3b, line 165 S3b, line 206 S4a, line 3	:	883 2,844 - (13,161)	2,190 8,377 2,863 (25,237)	2,308 11,065 2,863 (13,099)	1,850 11,065 2,863 (653)	1,393 11,065 2,863 (456)	992 8,486 2,863 (697)	719 3,298 2,863 (1,015)	543 688 2,863 (809)	441 1,044 2,863 (2,268)	342 1,399 2,003 (537)	648 1,398 2,003 (601)	533 1,396 2,003 (928)	400 1,395 2,003 (732)	261 1,040 2,003 (422)	133 684 2,003 (277)	33 722 2,003 (734)	(15) 1,069 2,003 (2,613)	(96) 1,378 2,003 (676)	(239) 1,378 2,003 (372)	(382) 1,378 2,003 (232)	(485) 1,338 2,003 (493)
23 24	Taxable Income After Tax		-	(9,434)	(11,807)	3,137	15,125	14,865	11,644	5,864	3,284	2,080	3,207	3,448	3,004	3,066	2,881	2,543	2,024	444	2,610	2,770 3,694	2,768	2,363
	Taxable Income  Current Income Tax Rate Capital Lease Tax Expense Total Income Tax Expense  Jestomer Impact- Residential		29% - -	(12,835) 27% 391 (3,011)	(15,743) 25% 290 (3,646)	4,183 25% 253 1,299	20,167 25% 215 5,257	19,820 25% 176 5,131	15,525 25% 134 4,015	7,819 25% 90 2,045	4,379 25% 44 1,139	2,773 25% (4) 689	4,276 25% (55) 1,014	4,597 25% 246 1,395	4,006 25% 139 1,141	4,088 25% 104 1,126	25% 67 1,027	3,390 25% 28 876	2,698 25% (12) 662	592 25% (55) 93	3,480 25% (99) 771	25% (146) 777	3,691 25% (196) 727	3,151 25% - 788
	5 GJ annual use) oproximate Annual Bill- Burner Tip Increase/(Decrease) %				-0.13%	0.46%	0.70%	0.69%	0.33%	-0.30%	-0.61%	-0.66%	-0.71%	-0.63%	-0.68%	-0.71%	-0.79%	-0.86%	-0.91%	-0.94%	-0.90%	-0.94%	-0.97%	-1.13%

S5 - Revenue Requirement Attachment 9.11a

Customer Care Enhancement Project- FINAL Including Accounting Changes & IFRS (November 27, 2009)
Revenue Requirement & Rate Impact Analysis in \$000s

\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
TGVI																							
34 Revenue Requirement																							
36 Operating & Maintenance Expense 37 CCE Customer Care 0&M Costs 38 Avoided Costs- Existing customer care contract 39 Less: Overhead Capitalized	S2, line 6	-	-	4,791 (6,759)	5,006 (7,083)	5,253 (7,333)	5,507 (7,473)	5,780 (7,746)	6,014 (8,031)	6,234 (8,299)	6,533 (8,649)	6,789 (8,956)	7,037 (9,257)	7,331 (9,604)	7,635 (9,963)	7,947 (10,333)	8,276 (10,721)	8,655 (11,161)	8,988 (11,558)	9,364 (12,000)	9,752 (12,459)	10,156 (12,936)	10,571 (13,430)
40 41		-	-	(1,967)	(2,077)	(2,080)	(1,966)	(1,966)	(2,017)	(2,065)	(2,116)	(2,167)	(2,219)	(2,273)	(2,328)	(2,386)	(2,445)	(2,506)	(2,570)	(2,637)	(2,707)	(2,781)	
42 Property & Other Taxes 43 Amortization & Depreciation Expense	line 52 + line 53	-	- 514	- 1,512	4 1,833	(2) 1,836	7 1,838	10 1,537	10 928	4 624	(6) 675	(11) 624	(12) 628	(14) 634	(12) 638	(13) 592	(14) 547	(16) 558	(17) 618	(19) 671	(20) 674	(20) 678	(20) 438
44 Income Tax Expense 45 Earned Return 46 Banner Conversion Costs	line 62	1.367	(347) 272 1,290	(434) 697 1.202	178 743 1.132	643 598 1.061	624 452 11	487 325	250 237	142 180	80 148	56 116	185 237	150 200	148 156	134 109	112 65	79 31	(8) 20	16 (7)	97 (60)	87 (114)	98 (150)
46 Banner Conversion Costs 47 TGVI Total Cost of Service	x-ref S6, line 50	1,367	1,727	1,010	1,132	2,056	966	392	(591)	(1,116)	(1,219)	(1,382)	(1,181)	(1,303)	(1,399)	(1,564)	(1,735)	(1,853)	(1,958)	(1,975)	(2,015)	(2,149)	365
48 49	·								,				, , ,			, ,	, , ,						error
50 Income Tax Expense Calculation 51 Equity Earned Return		-	130	323	341	274	207	149	109	83	68	53	109	92	72	50	30	14	9	(3)	(28)	(52)	(69)
52 Add: Depreciation Expense- excluding capital lease 53 Add: Amortization Expense	S3b, line 377 S3b, line 417	-	337	992 341	1,310 341	1,310 341	1,310 341	1,006 341	394 341	86 341	135 341	183 238	184 238	187 238	187 238	139 238	91 238	98 238	155 238	204 238	204 238	204 238	200 238
54 Less: CCA 55 Less: Overhead Capitalized timing difference 56 Taxable Income After Tax	S4a, line 9		(1,558)	(3,064)	(1,552)	1,848	1.804	1.409	(128) - 715	(102) - 408	(303)	(284) - 191	(79) - 452	(127)	(100)	(56)	(35)	(107)	(401)	(343)	(53)	(31)	(76) - 293
57 58 Taxable Income		_	(1,486)	(1,400)	586	2.464	2.406	1,409	954	543	321	255	603	520	530	495	431	325	1	129	483	479	390
59 60 Current Income Tax Rate		29%	27%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
61 Capital Lease Tax Expense 62 Total Income Tax Expense 63 64			46 (347)	35 (434)	31 178	27 643	22 624	17 487	12 250	6 142	(1) 80	(8) 56	35 185	20 150	15 148	10 134	4 112	(2) 79	(9) (8)	(16) 16	(24) 97	(32) 87	98
65 Customer Impact- Residential 66 (59 GJ annual use) 67 Approximate Annual Bill- Burner Tip Increase/(Decrease) %				-0.08%	0.27%	0.39%	0.37%	0.15%	-0.23%	-0.44%	-0.47%	-0.54%	-0.46%	-0.51%	-0.55%	-0.61%	-0.68%	-0.72%	-0.77%	-0.77%	-0.79%	-0.84%	-0.97%

S5 - Revenue Requirement Attachment 9.11a

Customer Care Enhancement Project- FINAL Including Accounting Changes & IFRS (November 27, 2009)
Revenue Requirement & Rate Impact Analysis in \$000s

\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

			2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	TGW																							
68	3 Revenue Requirement																							
70 71 72 73	O Operating & Maintenance Expense CCE Customer Care O&M Costs Avoided Costs- Existing customer care contract Less: Overhead Capitalized	\$2, line 6			119 (168) - (49)	123 (173) - (51)	127 (177) - (50)	132 (179) - (47)	137 (183) - (46)	141 (188) - (47)	144 (192) - (48)	149 (197) - (48)	153 (202) - (49)	157 (206) - (49)	161 (212) - (50)	166 (217) - (51)	171 (222) - (51)	176 (228) - (52)	182 (235) - (53)	187 (240) - (53)	192 (246) - (54)	198 (253) - (55)	204 (259) - (56)	209 (266) - (57)
75					. ,			. ,																
77	Property Taxes Amortization & Depreciation Expense	line 86 + line 87	-	13	38	0 46	(0) 46	0 46	0 39	0 23	0 15	(0) 16	(0) 15	(0) 15	(0) 15	(0) 15	(0) 14	(0) 13	(0) 13	(0) 14	(0) 15	(0) 15	(0) 15	(0) 10
78 79	3 Income Tax Expense 9 Earned Return	line 96	-	(9) 7	(10) 17	4 19	16 15	16 11	12 8	6	4	2	3	4 5	4	4	3 2	3 1	2	0	2 (1)	2 (2)	2 (3)	2 (4)
80																					. ,		. ,	
81	TGW Total Cost of Service	x-ref S6, line 67		11	(4)	18	27	26	13	(12)	(24)	(26)	(28)	(25)	(27)	(29)	(32)	(36)	(38)	(39)	(38)	(40)	(42)	(48)
82 83																								
85			-	3	8	8	7	5	4	3	2	2	1	2	2	2	1	1	0	0	(0)	(1)	(1)	(2)
86	Add: Depreciation Expense- excluding capital lease	S3b, line 589	-	9	25	33	33	33	25	10	2	3	4	4	4	4	3	2	2	3	4	4	4	4
87		S3b, line 630	-	-	9	9	9	9	9	9	9	9	6	6	6	6	6	6	6	6	6	6	6	6
88		S4a, line 15	-	(39)	(75)	(39)	(2)	(1)	(2)	(3)	(2)	(7)	(2)	(2)	(3)	(2)	(1)	(1)	(2)	(8)	(2)	(1)	(1)	(2)
89 90					(34)	- 44	- 47	45	36	- 40	- 40	-	10	- 44	- 9	10	- 9	- 8	- 6		- 8	-	-	
91			-	(28)	(34)	11	47	45	36	18	10	ь	10	11	9	10	9	8	ь	1	8	8	8	/
92	Taxable Income		-	(38)	(45)	15	62	61	47	24	14	9	13	15	13	13	12	10	8	1	11	11	11	9
94	4 Current Income Tax Rate		29%	27%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
95	5 Capital Lease Tax Expense		-	1	1	1	1	1	0	0	0	(0)	(0)	1	0	0	0	0	(0)	(0)	(0)	(0)	(1)	-
96 97			-	(9)	(10)	4	16	16	12	6	4	2	3	4	4	4	3	3	2	O O	2	2	2	2
	3 Customer Impact- Residential 9 (90 GJ annual use)																							
	O Approximate Annual Bill- Burner Tip Increase/(Decrease) %				-0.05%	0.26%	0.38%	0.38%	0.18%	-0.17%	-0.34%	-0.38%	-0.40%	-0.35%	-0.39%	-0.41%	-0.46%	-0.50%	-0.53%	-0.56%	-0.53%	-0.56%	-0.60%	-0.68%

Financial Schedule 6
Customer Care Enhancement Project- FINAL Including Accounting Changes & IFRS (November 27, 2009)
Discounted Cash Flow in \$000s

\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

4	Consolidated Project Discounted Cash Flow																							
2	oonsondated 110ject Discounted Cash 110W	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
3	Capital Spending- Hardware		(745)	(2,516)					(1,400)	(900)				(1,400)	(900)				(1,400)	(900)				(1,400)
4	Capital Spending- Software		(24,527)	(25,807)	(2,870)	-		-	-	-	-	(450)	-	-	-		-	-	(450)	-			-	-
5	Capital Spending- Buildings & Structures		(2,468)	(7,072)	(188)							(3,600)								(3,600)			-	
6	Capital Expenditure Cash Flow	S1, line 16	(27,740)	(35,394)	(3,058)	-		-	(1,400)	(900)	-	(4,050)	-	(1,400)	(900)	-	-	-	(1,850)	(4,500)	-	-	-	(1,400)
7																								
8	Revenue Requirement	line 33 + 50 + 67	-	3,932	(1,822)	6,498	9,807	9,694	4,686	(4,311)	(8,967)	(9,614)	(10,362)	(9,101)	(9,892)	(10,448)	(11,548)	(12,683)	(13,371)	(13,964)	(13,347)	(13,908)	(14,621)	(16,827)
9	Incremental O&M	line 34 + 51 + 68	(3,294)	(30,160)	12,547	19,015	18,756	17,479	17,212	17,385	17,536	17,692	17,847	18,003	18,162	18,325	18,493	18,667	18,852	19,045	19,250	19,469	19,706	19,962
10	Property Tax 1% in Lieu	line 35 + 52 + 69		-	-	(39)	18	(65)	(98)	(97)	(47)	43	90	96	104	91	99	104	115	127	134	140	133	139
11	Operating & Other Expense Cash Flow		(3,294)	(26,228)	10,724	25,473	28,581	27,108	21,799	12,977	8,523	8,120	7,574	8,998	8,373	7,968	7,043	6,089	5,596	5,208	6,036	5,700	5,218	3,274
12	Tax Expense Cash Flow	line 37 + 54 + 71	939	6,950	(2,681)	(6,368)	(7,145)	(6,777)	(5,450)	(3,244)	(2,131)	(2,030)	(1,894)	(2,249)	(2,093)	(1,992)	(1,761)	(1,522)	(1,399)	(1,302)	(1,509)	(1,425)	(1,304)	(819)
13	After Tax Operating & Other Expense Cash Flow		(2,356)	(19,278)	8,043	19,105	21,436	20,331	16,349	9,733	6,392	6,090	5,681	6,748	6,280	5,976	5,283	4,567	4,197	3,906	4,527	4,275	3,913	2,456
14																								
15	Terminal Value Cash Flow		-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16																								
17	Annual Cash Flow		(30,095)	(54,672)	4,985	19,105	21,436	20,331	14,949	8,833	6,392	2,040	5,681	5,348	5,380	5,976	5,283	4,567	2,347	(594)	4,527	4,275	3,913	1,056
18																								
19	Annual Discounted Cash Flow (mid year)		(29,265)	(49,889)	4,252	15,251	16,045	14,269	9,838	5,450	3,698	1,108	2,890	2,550	2,405	2,505	2,076	1,682	812	(190)	1,376	1,217	1,044	265
20																								
21	Total Project Discounted Cash Flow		9,388																					

Customer Care Enhancement Project-FINAL Including Accounting Changes & IFRS (November 27, 2009)
Discounted Cash Flow in \$000s
Note: the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

22 Terasen Gas Inc.																							
23																							
24	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
25 Assumptions																							
26 Tax Rate		28.50%	26.50%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
27 Inflation		2.00%																					
28 Cost of Capital																							
29 Nominal WACC Pre-Tax		6.77%	7.40%	7.68%	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%
30 Nominal WACC Post-Tax		5.68%	6.23%	6.50%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%
31 Real WACC Pre-Tax		4.67%	5.30%	5.57%	5.68%	5.68%	5.68%	5.68%	5.68%	5.68%	5.68%	5.68%	5.68%	5.68%	5.68%	5.68%	5.68%	5.68%	5.68%	5.68%	5.68%	5.68%	5.68%
32 Real WACC Post-Tax		3.61%	4.14%	4.41%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%
33 CCA Rates																							
34 Hardware		55%																					
35 Software		100%																					
36 Meters		6%																					
37 Overhead Capitalized		4%																					
38 Overhead Capitalized UCC Addition Ratio		100.0% (	10/16)																				
39 Overhead Capitalized Rate		0%	,																				
40 Project Inservice Year		2011 & 2012																					
41																							
42 Discounted Cash Flow Analysis																							
43																							
44 Capital Spending- Hardware		(665)	(2,243)	-	-		-	(1,236)	(793)	-	-	-	(1,224)	(785)		-		(1,210)	(776)	-		-	(1,196)
45 Capital Spending- Software		(21,902)	(23,003)	(2,554)	-		-		-	-	(395)	-		,		-		(389)	,	-		-	-
46 Capital Spending- Buildings & Structures		(2,204)	(6,303)	(167)				-			(3,160)								(3,104)	-	-		-
47 Capital Expenditure Cash Flow	S3b, line 12 + 25 (2010 only)	(24,771)	(31,549)	(2,721)	-		-	(1,236)	(793)	-	(3,555)	-	(1,224)	(785)		-		(1,599)	(3,880)	-	-	-	(1,196)
48	,	(= .,)	(0.,0.0)	(=,-=-)				(.,===,	()		(=,===)		(.,==.,	()				(-,)	(-,)				(.,)
49 Revenue Requirement	S5. line 14		3,483	(1,626)	5.798	8,785	8.713	4,280	(3,708)	(7.826)	(8.369)	(8.951)	(7,895)	(8.562)	(9.020)	(9,952)	(10.913)	(11,481)	(11,967)	(11,335)	(11,853)	(12.430)	(14,285)
50 Incremental O&M	S5. line 4 + 5	(2,942)	(26.884)	11.163	16.887	16,626	15,465	15.199	15.321	15.423	15.528	15.631	15.734	15.839	15.946	16.056	16.171	16,293	16.422	16.559	16,707	16.869	17.047
51 Property Tax 1% in Lieu	S5. line 9	(2,0-12)	(20,001)	,	(35)	16	(58)	(88)	(87)	(43)	37	78	84	90	79	86	90	100	109	115	120	113	119
52 Operating & Other Expense Cash Flow	CO, III C	(2,942)	(23,401)	9.537	22.651	25,428	24.121	19,392	11.526	7.554	7,195	6.758	7,922	7.366	7.005	6.189	5.348	4.912	4.564	5.339	4.974	4.552	2.880
53 Tax Expense Cash Flow	line 36 x line 26	838	6,201	(2.384)	(5.663)	(6.357)	(6.030)	(4.848)	(2.881)	(1.889)	(1.799)	(1.689)	(1.981)	(1.842)	(1.751)	(1.547)	(1.337)	(1,228)	(1.141)	(1.335)	(1.243)	(1.138)	(720)
54 After Tax Operating & Other Expense Cash Flow	mio do x mio 20	(2.103)	(17,200)	7.153	16.988	19.071	18.091	14.544	8,644	5.666	5.397	5.068	5.942	5.525	5.254	4.642	4.011	3,684	3.423	4.004	3.730	3.414	2.160
55		(2,103)	(17,200)	7,100	10,300	13,071	10,031	14,544	0,044	5,000	3,337	3,000	3,342	3,323	3,234	4,042	4,011	3,004	3,423	4,004	3,730	3,414	2,100
56 Terminal Value Cash Flow		_		_	_		_		_	_		_	_	_				_					_
57					-				-	-	-	-	-							-			-
58 Annual Cash Flow		(26.875)	(48,749)	4.431	16.988	19.071	18.091	13.308	7.851	5.666	1.842	5.068	4.718	4.740	5.254	4.642	4.011	2.085	(457)	4.004	3,730	3.414	965
		(20,073)	(40,749)	4,451	10,300	19,071	10,091	13,300	7,001	3,000	1,042	5,000	4,710	4,740	3,234	4,042	4,011	2,000	(407)	4,004	3,730	3,414	903
59		(00.440)	(44.507)	0.700	40 500		40.740	0.700	4.007	0.005	4.005	0.505	0.000	0.400	0.000	4 0 4 0	4 400	700	(450)	4 004	4.070	004	0.45
60 Annual Discounted Cash Flow (mid year)		(26,142)	(44,527)	3,786	13,590	14,314	12,740	8,792	4,867	3,295	1,005	2,595	2,266	2,136	2,222	1,842	1,493	728	(150)	1,231	1,076	924	245
61		0.000																					
62 Total Project Discounted Cash Flow		8,328																					

Customer Care Enhancement Project-FINAL Including Accounting Changes & IFRS (November 27, 2009)
Discounted Cash Flow in \$000s
Note: the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

		• •	, , , , , ,	,				. , ,																
63 ] 64	Ferasen Gas (Vancouver Island) Inc.																							
65		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
66	Assumptions																							
67	Tax Rate		28.50%	26.50%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
68	Inflation		2.00%																					
69	Cost of Capital																							
70	Nominal WACC Pre-Tax		7.42%	8.00%	8.26%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%	8.36%
71	Nominal WACC Post-Tax		6.35%	6.85%	7.11%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%	7.19%
72	Real WACC Pre-Tax		5.31%	5.89%	6.14%	6.24%	6.24%	6.24%	6.24%	6.24%	6.24%	6.24%	6.24%	6.24%	6.24%	6.24%	6.24%	6.24%	6.24%	6.24%	6.24%	6.24%	6.24%	6.24%
73	Real WACC Post-Tax		4.26%	4.76%	5.01%	5.09%	5.09%	5.09%	5.09%	5.09%	5.09%	5.09%	5.09%	5.09%	5.09%	5.09%	5.09%	5.09%	5.09%	5.09%	5.09%	5.09%	5.09%	5.09%
74																								
75	Discounted Cash Flow Analysis																							
76																								
77	Capital Spending- Hardware		(78)	(267)	-		-		(160)	(104)				(173)	(113)		-	-	(186)	(121)		-	-	(201)
78	Capital Spending- Software		(2,559)	(2,734)	(309)	-	-	-		-	-	(54)		-	-			-	(60)	-		-	-	-
79	Capital Spending- Buildings & Structures	_	(258)	(749)	(20)	-		-	-			(431)	-		-				-	(486)				
80	Capital Expenditure Cash Flow	S3b, line 224 + 237 (2010 only)	(2,895)	(3,750)	(329)	-		-	(160)	(104)	-	(484)	-	(173)	(113)		-	-	(246)	(607)	-		-	(201)
81																								
82	Revenue Requirement	S5, line 47	-	438	(192)	681	994	955	392	(591)	(1,116)	(1,219)	(1,382)	(1,181)	(1,303)	(1,399)	(1,564)	(1,735)	(1,853)	(1,958)	(1,975)	(2,015)	(2,149)	(2,494)
83	Incremental O&M	S5, line 37 + 38	(344)	(3,196)	1,350	2,077	2,080	1,966	1,966	2,017	2,065	2,116	2,167	2,219	2,273	2,328	2,386	2,445	2,506	2,570	2,637	2,707	2,781	2,859
84	Property Tax 1% in Lieu	S5, line 42				(4)	2	(7)	(10)	(10)	(4)	6	11	12	14	12	13	14	16	17	19	20	20	20
85	Operating & Other Expense Cash Flow		(344)	(2,758)	1,158	2,754	3,076	2,914	2,349	1,416	946	903	796	1,051	984	941	835	724	669	629	681	711	651	385
86	Tax Expense Cash Flow	line 53 x line 43	98	731	(289)	(688)	(769)	(729)	(587)	(354)	(236)	(226)	(199)	(263)	(246)	(235)	(209)	(181)	(167)	(157)	(170)	(178)	(163)	(96)
87	After Tax Operating & Other Expense Cash Flow		(246)	(2,027)	868	2,065	2,307	2,186	1,762	1,062	709	677	597	788	738	706	626	543	502	472	510	533	488	289
88																								
89	Terminal Value Cash Flow		-	-			-												-	-		-	-	-
90		_																						
91	Annual Cash Flow	=	(3,140)	(5,777)	539	2,065	2,307	2,186	1,602	958	709	193	597	616	625	706	626	543	256	(135)	510	533	488	88
92																								
93	Annual Discounted Cash Flow (mid year)		(3,045)	(5,230)	454	1,620	1,688	1,492	1,020	569	393	100	288	277	263	277	229	185	81	(40)	141	138	118	20
94		-																						
95	Total Project Discounted Cash Flow	L	1,036																					

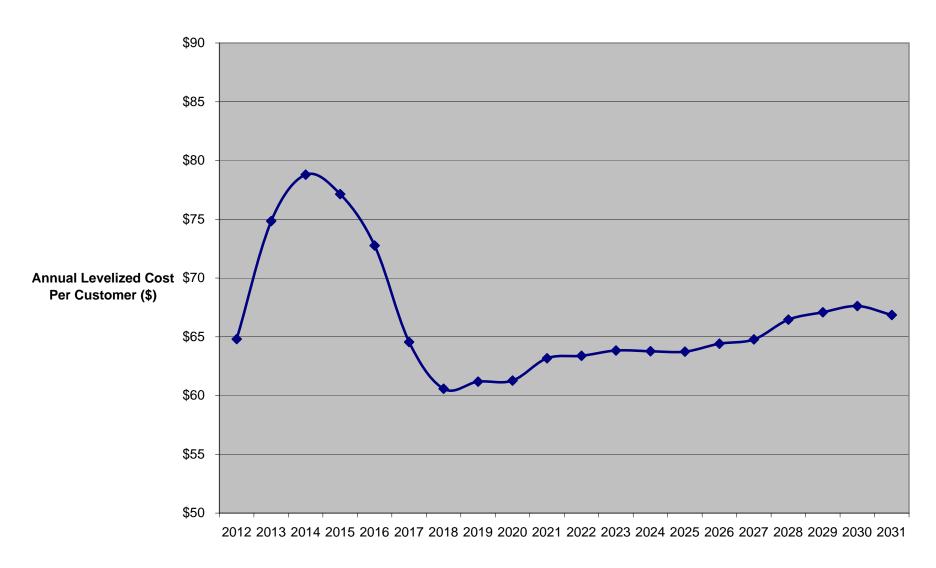
Customer Care Enhancement Project-FINAL Including Accounting Changes & IFRS (November 27, 2009)
Discounted Cash Flow in \$000s
Note: the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

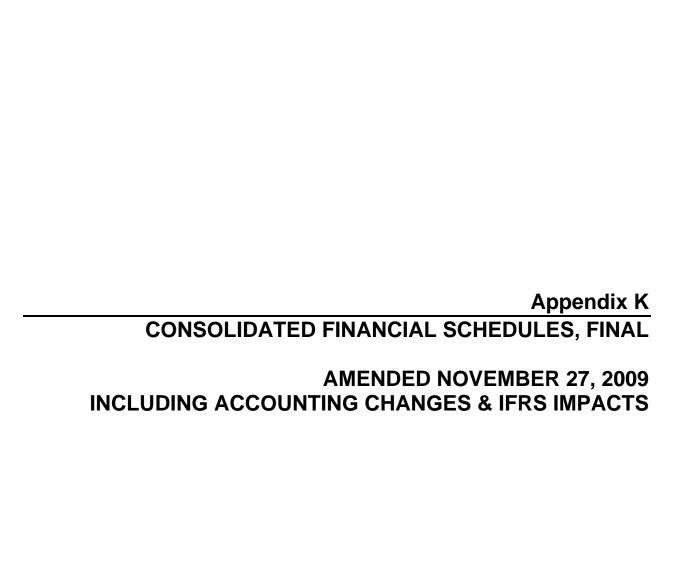
		-													-									
96 <u>1</u> 97	Terasen Gas (Whistler) Inc.																							
98		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
99 4	Assumptions																							
100	Tax Rate		28.50%	26.50%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
101	Inflation		2.00%																					
102	Cost of Capital																							
103	Nominal WACC Pre-Tax		7.34%	7.92%	8.18%	8.28%	8.28%	8.28%	8.28%	8.28%	8.28%	8.28%	8.28%	8.28%	8.28%	8.28%	8.28%	8.28%	8.28%	8.28%	8.28%	8.28%	8.28%	8.28%
104	Nominal WACC Post-Tax		6.27%	6.77%	7.03%	7.11%	7.11%	7.11%	7.11%	7.11%	7.11%	7.11%	7.11%	7.11%	7.11%	7.11%	7.11%	7.11%	7.11%	7.11%	7.11%	7.11%	7.11%	7.11%
105	Real WACC Pre-Tax		5.23%	5.81%	6.06%	6.16%	6.16%	6.16%	6.16%	6.16%	6.16%	6.16%	6.16%	6.16%	6.16%	6.16%	6.16%	6.16%	6.16%	6.16%	6.16%	6.16%	6.16%	6.16%
106	Real WACC Post-Tax		4.19%	4.68%	4.93%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%	5.01%
107																								
108 L	Discounted Cash Flow Analysis																							
109	,																							
110	Capital Spending- Hardware		(2)	(7)	-	-	-	-	(4)	(2)	-	-	-	(4)	(2)	-	-	-	(4)	(3)	-		-	(4)
111	Capital Spending- Software		(65)	(69)	(8)	-	-	-			-	(1)	-	-	-	-	-	-	(1)	-	-		-	
112	Capital Spending- Buildings & Structures		(7)	(19)	(1)	-	-	-	-	-	-	(10)	-	-	-	-	-	-		(10)	-		-	
113	Capital Expenditure Cash Flow	S3b, line 436 + 449 (2010 only)	(74)	(95)	(8)				(4)	(2)		(11)		(4)	(2)				(5)	(13)				(4)
114		,	` '	()	(-)				. ,	. ,		. ,			` '				(-)	, .,				. ,
115	Revenue Requirement	S5, line 81	-	11	(4)	18	27	26	13	(12)	(24)	(26)	(28)	(25)	(27)	(29)	(32)	(36)	(38)	(39)	(38)	(40)	(42)	(48)
116	Incremental O&M	S5, line 71 + 72	(9)	(81)	34	51	50	47	46	47	48	48	49	49	50	51	51	52	53	53	54	55	56	57
117	Property Tax 1% in Lieu	S5, line 76		` -	-	(0)	0	(0)	(0)	(0)	(0)	0	0	0	0	0	0	0	0	0	0	0	0	0
118	Operating & Other Expense Cash Flow		(9)	(70)	30	69	77	73	59	35	23	22	21	25	23	22	19	17	15	14	17	16	14	9
119	Tax Expense Cash Flow	line 70 x line 60	2	18	(7)	(17)	(19)	(18)	(15)	(9)	(6)	(6)	(5)	(6)	(6)	(5)	(5)	(4)	(4)	(4)	(4)	(4)	(4)	(2)
120 121	After Tax Operating & Other Expense Cash Flow		(6)	(51)	22	52	58	55	44	26	17	17	16	19	17	16	14	13	11	11	13	12	11	7
122	Terminal Value Cash Flow		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
123																								
124	Annual Cash Flow		(80)	(146)	14	52	58	55	40	24	17	5	16	15	15	16	14	13	6	(2)	13	12	11	3
125																								
126	Annual Discounted Cash Flow (mid year)		(78)	(132)	12	41	43	38	26	14	10	3	8	7	6	6	5	4	2	(1)	4	3	3	1
127																								
128	Total Project Discounted Cash Flow		24																					

Financial Schedule 7 Customer Care Enhancement Project-FINAL Including Accounting Changes & IFRS (November 27, 2009) Cost Per Customer Analysis

	Deference F	2010	2011	2012	2012	2014	2015	2016	2017	2048	2010	2020	2024	2022	2022	2024	2025	2026	2027	2020	2020	2020	2024
1 Gas Segment	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
2 3 Customer Care Costs (\$000's) 4 CCE Customer Care O&M 5 CCE other Cost of Service 6 TGVI Banner to Energy Conversion 7 Total Customer Care Costs	S2, line 6 line 17 + 28 +40 line 29	1,367 1,367	3,932 1,290 5,221	44,534 16,463 1,202 62,199	45,835 25,513 1,132 72,480	47,369 28,563 1,061 76,993	48,954 27,173 11 76,139	50,601 21,897 - 72,498	51,849 13,074 - 64,923	52,929 8,570 - 61,499	54,629 8,077 - 62,706	55,910 7,485 - 63,395	57,084 8,901 - 65,985	58,574 8,270 - 66,843	60,085 7,877 - 67,962	61,610 6,945 - 68,555	63,199 5,984 - 69,183	65,108 5,481 - 70,588	66,609 5,081 - 71,690	68,364 5,902 - 74,266	70,144 5,561 - 75,705	71,971 5,084 - 77,055	73,810 3,135 - 76,945
8 9 Average Customers		943,278	951,379	959,757	968,338	977,113	987,030	996,311	1,005,709	1,015,228	1,024,868	1,034,633	1,044,524	1,054,543	1,064,694	1,074,979	1,085,399	1,095,957	1,106,657	1,117,500	1,128,490	1,139,628	1,150,918
11 Cost Per Customer		\$ 1.45 \$	5.49 \$	64.81 \$	74.85 \$	78.80 \$	77.14 \$	72.77	\$ 64.55	60.58	61.18	61.27	\$ 63.17	\$ 63.39	63.83	\$ 63.77	\$ 63.74	\$ 64.41	\$ 64.78	\$ 66.46	\$ 67.08	\$ 67.61	\$ 66.86
12 13 <b>TGI</b> 14																							
15 TGI Customer Care Costs (\$000's) 16 TGI CCE Customer Care O&M 17 TGI CCE other Cost of Service 18 TGI Total Customer Care Costs	S5, line 4 S5, line 14 - (S5, line 4 + S5, line 5)	-	3,483 3,483	39,624 14,643 54,266	40,706 22,686 63,391	41,989 25,411 67,400	43,316 24,179 67,494	44,684 19,480 64,164	45,695 11,613 57,308	46,551 7,597 54,148	47,947 7,158 55,105	48,969 6,679 55,648	49,890 7,838 57,728	51,081 7,277 58,358	52,284 6,926 59,210	53,492 6,104 59,595	54,747 5,258 60,005	56,271 4,813 61,083	57,435 4,455 61,889	58,808 5,224 64,032	60,194 4,854 65,048	61,611 4,439 66,050	63,030 2,762 65,792
19 20 TGI Average Customers		842,337	848,033	853,935	859,977	866,135	873,338	879,808	886,327	892,893	899,508	906,173	912,886	919,649	926,463	933,327	940,241	947,207	954,225	961,294	968,416	975,591	982,819
21 22 TGI Cost Per Customer		s - s	4.11 \$	63.55 \$	73.71 \$	77.82 \$	77.28 \$	72.93	\$ 64.66	60.64	61.26	\$ 61.41	\$ 63.24	\$ 63.46	\$ 63.91	\$ 63.85	\$ 63.82	\$ 64.49	\$ 64.86	\$ 66.61	\$ 67.17	\$ 67.70	\$ 66.94
23 24 <b>TGVI</b>																							
25           6         TGVI Customer Care Costs (\$000's)           27         TGVI CCE Customer Care O&M           28         TGVI CCE other Cost of Service           29         TGVI Banner to Energy Conversion           30         TGVI Total Customer Care Costs	\$5, line 37 \$5, line 47 - (\$5, line 37 + \$5, line 38)	- 1,367 1,367	- 438 1,290 1,727	4,791 1,775 1,202 7,768	5,006 2,758 1,132 8,897	5,253 3,074 1,061 9,389	5,507 2,921 11 8,439	5,780 2,359 - 8,139	6,014 1,426 - 7,440	6,234 950 - 7,184	6,533 897 - 7,430	6,789 785 - 7,574	7,037 1,039 - 8,076	7,331 970 - 8,301	7,635 929 - 8,564	7,947 822 - 8,769	8,276 710 - 8,986	8,655 653 - 9,308	8,988 612 - 9,600	9,364 662 - 10,026	9,752 692 - 10,444	10,156 632 - 10,787	10,571 365 - 10,936
31 32 TGVI Average Customers		98,430	100,805	103,258	105,770	108,356	111,036	113,812	116,657	119,573	122,563	125,627	128,768	131,987	135,286	138,669	142,135	145,689	149,331	153,064	156,891	160,813	164,833
33 34 TGVI Cost Per Customer		\$ 13.89 \$	17.14 \$	75.23 \$	84.11 \$	86.65 \$	76.01 \$	71.51	\$ 63.78 \$	60.08	60.62	\$ 60.29	\$ 62.72	\$ 62.89	63.30	\$ 63.24	\$ 63.22	\$ 63.89	\$ 64.29	\$ 65.50	\$ 66.57	\$ 67.08	\$ 66.35
35 36 <b>TGW</b>																							
37           38         TGW Customer Care Costs (\$000's)           39         TGW CCE Customer Care O&M           40         TGW CCE other Cost of Service           41         TGW Total Customer Care Costs	S5, line 71 S5, line 81 - (S5, line 71 + S5, line 72)_		- 11 11	119 45 164	123 69 192	127 77 204	132 73 205	137 59 196	141 35 176	144 23 167	149 22 171	153 21 174	157 24 181	161 23 184	166 22 188	171 19 190	176 16 192	182 15 197	187 14 201	192 16 209	198 15 213	204 14 217	209 8 218
42 43 TGW Average Customers		2,511	2,541	2,564	2,591	2,622	2,656	2,691	2,726	2,761	2,797	2,833	2,870	2,907	2,945	2,984	3,022	3,062	3,101	3,142	3,183	3,224	3,266
44 45 TGW Cost Per Customer 46 47		s - s	4.32 \$	64.03 \$	74.10 \$	77.95 \$	77.22 \$	72.75	\$ 64.55	60.57	61.15	61.30	\$ 63.17	\$ 63.36	63.77	\$ 63.69	\$ 63.65	\$ 64.30	\$ 64.67	\$ 66.41	\$ 66.94	\$ 67.45	\$ 66.69
48 Notes: 49 Other Cost of Service amounts equal to total co 50	st of service as shown on subsequent Revo	enue Requirement :	schedule (S5) le	ss O&M (net of	CCE customer	care and avoide	d costs)																
51 52 <u>Levelized Cost Per Customer Calculation</u>				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
53 54 Discount Rate (TGI) (Nominal After Tax WACC) 55	)			6.50%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%
56 Average Customers 57 Discounted Average Customers 58				959,757 901,183	968,338 852,404	977,113 806,998	987,030 764,835	996,311 724,339	1,005,709 686,007	1,015,228 649,724	1,024,868 615,379	1,034,633 582,868	1,044,524 552,092	1,054,543 522,959	1,064,694 495,378	1,074,979 469,268	1,085,399 444,550	1,095,957 421,147	1,106,657 398,991	1,117,500 378,013	1,128,490 358,151	1,139,628 339,344	1,150,918 321,537
59 CCE Total Customer Care Costs 60 Discount Rate 61 Discounted Costs 62 Annual Levelized Cost Per Customer 63	line 7 x 1000 S6, line 29			6.50% 58,402,813	72,480,162 6.58% 63,802,523 74.85 \$	76,993,157 6.58% 63,588,733 78.80 \$	76,138,957 6.58% 58,998,955 77.14 \$	72,498,326 6.58% 52,707,780 72.77	64,923,269 6.58% 44,284,982 \$ 64.55 \$		62,706,334 6.58% 37,651,840 61.18	6.58% 35,714,103	6.58% 34,877,182	6.58%	6.58% 31,621,129		6.58% 28,335,469	6.58% 27,125,228	6.58% 25,846,969	74,266,230 6.58% 25,121,774 \$ 66.46	6.58% 24,026,519	6.58% 22,944,531	76,945,446 6.58% 21,496,606 \$ 66.86
64 65 Levelized Cost per Customer- CCE CPCN 66 67 68	758,980,278 ( 11,285,168 ( \$ 67.25 (	Costs Customers Cost/Customer (\$)																					
69 70 Existing Customer Care Contract 71 Discount Rate 72 Discounted Costs 73 Annual Levelized Cost Per Customer 74	S6, line 29			6.50% 59,057,473	65,503,539 6.58% 57,661,171 67.65 \$	66,750,508 6.58% 55,129,318 68.31 \$	6.58% 51,931,669	68,376,757 6.58% 49,711,314 68.63	69,766,031 6.58% 47,588,291 \$ 69.37 \$	6.58% 45,416,506	6.58% 43,705,960		6.58% 39,675,243	6.58% 38,043,357	6.58% 36,471,202	6.58% 34,958,572	6.58% 33,522,180	83,942,334 6.58% 32,256,800 \$ 76.59	6.58% 30,876,076	6.58% 29,632,396	6.58% 28,437,122	6.58% 27,295,555	93,765,601 6.58% 26,195,731 \$ 81.47
75 76 Levelized Cost per Customer- Existing Contract 77 78 79	11,285,168 0																						

# **Customer Care Enhancement Project Annual Levelized Cost of Service Per Customer**





S1 - Project Costs

Attachment 9.11b

Financial Schedule 1

Customer Care Enhancement Project- CONSOLIDATED FINAL Including Accounting Changes & IFRS (November 27, 2009)

**TGI Component** Reference Total 2009 2010 2011 2012 **Capital - CIS Implementation** Consulting 11,730 862 9,638 1,230 2 Internal Labour 5,897 2,453 3,444 3 Expenses 959 1,283 (324)4 Software 5,183 4,841 342 5 Hardware 265 996 731 862 18,946 5,281 (324)6 Subtotal 24,765 Capital - Services Insourcing Consulting 7 25,972 770 3,564 18,256 3,382 8 Internal Labour 4,209 1,622 2,587 9 **Facilities** 7,821 1,207 6,614 10 Expenses 163 163 11 Software 997 591 406 12 Hardware 2,265 14 2,251 13 Subtotal 933 6,998 41,427 30,114 3,382 **Total Plant Additions** CIS 862 14 24,765 18,946 5,281 (324)Service Insourcing 41,427 933 15 6,998 30,114 3,382 66,192 1,795 16 Subtotal 25,944 35,396 3,058 **AFUDC** 2,256 835 1,421 x-ref S3b, (2010 column, lines 25 + 237 + 449) + 1,795 3,058 18 Total Plant Additions 68,448 26,779 36,817 lines 37 + 249 + 461 **Deferred O&M** Internal Labour 9,210 77 9,133 19 3,218 21,027 5,739 29,983 20 Expenses 21 Subtotal x-ref S3b. lines 203 + 415 + 627 39,193 3,294 30.160 5.739 **AFUDC** x-ref S3b, lines 207 + 419 + 631 1,178 1,086 92 40,371 5,739 23 Total Deferred O&M 3,386 31,246 Capital Lease 6,677 104 6,523 50

115,496

1,845

30,269

25 Total

**Estimated Project Implementation Costs in \$000s** 

8,797

74,585

S2 - Customer Care New O&M

Attachment 9.11b

Financial Schedule 2
Customer Care Enhancement Project- CONSOLIDATED FINAL Including Accounting Changes & IFRS (November 27, 2009)
Estimated Customer Care O&M Costs in \$000s, Except Cost (Customer Amounts

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
1 Labour 2 Outsourced Services				20,289 20,309	20,343 21,480	21,218 22,069	22,132 22,669	23,088 23,287	23,628 23,921	24,180 24,351	24,746 25,386	25,326 25,987	25,920 26,464	26,529 27,241	27,152 28,021	27,791 28,799	28,445 29,622	29,116 30,748	29,802 31,447	30,506 32,380	31,227 33,319	31,966 34,285	32,723 35,243
3 Technology Support 4 Facilities Support 5 Expenses				1,479 3,189	1,464 3,253 998	1,448 3,318 1.018	1,433 3,384 1.038	1,418 3,452 1.059	1,402 3,521 1.080	1,407 3,591 1,102	1,412 3,663 1,124	1,417 3,736 1,146	1,422 3,811 1,169	1,427 3,887 1,193	1,432 3,965 1,217	1,438 4,044 1,241	1,443 4,125 1,266	1,448 4,208 1,291	1,454 4,292 1,317	1,459 4,378 1,343	1,465 4,465 1.370	1,470 4,554 1,397	1,476 4,646 1,425
6 Total		-		46,237	47,538	49,071	50,657	52,303	53,552	54,632	56,332	57,613	58,786	60,276	61,787	63,313	64,901	66,810	68,312	70,066	71,846	73,673	75,513
7 Ave Customers 8 Cost /Customer				959,757 48.18	968,338 49.09	977,113 50.22	986,272 51.36	995,548 52.54	1,004,941 53.29	1,014,455 53.85	1,024,090 55.01	1,033,849 55.73	1,043,735 56.32	1,053,749 57.20	1,063,895 58.08	1,074,174 58.94	1,084,589 59.84	1,095,142 61.01	1,105,836 61.77	1,116,674 62.75	1,127,658 63.71	1,138,791 64.69	1,150,075 65.66

\*Note- Total costs include annual lease payment of \$1.7 million; the revenue requirement includes this as a capital lease and therefore it is accounted for through depreciation, tax and earned return.

S3a - Rate Base- Summary Attachment 9.11b

# Financial Schedule 3a

Customer Care Enhancement Project- CONSOLIDATED FINAL Including Accounting Changes & IFRS (November 27, 2009)

Rate Base Summary in \$000s

\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Consolidated																							
1 Opening Gas Plant In Service		-	-	38,293	68,440	68,440	68,440	68,440	39,530	10,282	10,282	14,332	14,332	14,332	14,332	14,332	10,282	10,282	10,732	14,332	14,332	14,332	14,332
2 Additions		-	38,293	30,148	-	-	-	1,400	900	-	4,050	-	1,400	900	-	-	-	1,850	4,500	-	-	-	1,400
3 Retirements			-	-	-	-	-	(30,310)	(30,148)	-	-	-	(1,400)	(900)	-	(4,050)	-	(1,400)	(900)	-	-	-	(1,850)
4 Closing Gas Plant In Service 5		-	38,293	68,440	68,440	68,440	68,440	39,530	10,282	10,282	14,332	14,332	14,332	14,332	14,332	10,282	10,282	10,732	14,332	14,332	14,332	14,332	13,882
6 Opening Accumulated Depreciation		-	-	(3,189)	(12,583)	(24,992)	(37,400)	(49,809)	(29,016)	(2,570)	(3,347)	(4,529)	(6,115)	(6,302)	(6,989)	(8,576)	(5,708)	(6,485)	(5,907)	(6,234)	(7,821)	(9,407)	(10,994)
7 Depreciation		-	(3,189)	(9,394)	(12,408)	(12,408)	(12,408)	(9,517)	(3,702)	(777)	(1,182)	(1,587)	(1,587)	(1,587)	(1,587)	(1,182)	(777)	(822)	(1,227)	(1,587)	(1,587)	(1,587)	(1,542)
8 Retirements		-	-	-	-	-	-	30,310	30,148	-	-	-	1,400	900	-	4,050	-	1,400	900	-	-	-	1,850
9 Closing Accumulated Depreciation 10		-	(3,189)	(12,583)	(24,992)	(37,400)	(49,809)	(29,016)	(2,570)	(3,347)	(4,529)	(6,115)	(6,302)	(6,989)	(8,576)	(5,708)	(6,485)	(5,907)	(6,234)	(7,821)	(9,407)	(10,994)	(10,686)
11 Opening Contributions in Aid of Construction		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 Additions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13 Retirements		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14 Closing Contributions in Aid of Construction 15		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16 Opening Amortization of Contributions in Aid of Construction		_	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17 Amortization		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18 Retirements		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19 Closing Amortization of Contributions in Aid of Construction 20		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21 Opening Net Plant In Service		-	-	35,103	55,857	43,449	31,040	18,632	10,514	7,713	6,936	9,804	8,217	8,030	7,343	5,756	4,574	3,798	4,826	8,099	6,512	4,925	3,338
22 Closing Net Plant In Service		-	35,103	55,857	43,449	31,040	18,632	10,514	7,713	6,936	9,804	8,217	8,030	7,343	5,756	4,574	3,798	4,826	8,099	6,512	4,925	3,338	3,196
23																							
24 Mid Year Net Plant in Service 25	(line 21 + line 22)/2	-	17,552	45,480	49,653	37,244	24,836	14,573	9,113	7,324	8,370	9,010	8,124	7,687	6,550	5,165	4,186	4,312	6,462	7,305	5,718	4,132	3,267
26 Opening Deferred Charges		-	2.448	25,699	26,790	23,578	20.366	17,153	13.941	10,729	7,516	4.304	2,057	(191)	(2.438)	(4.685)	(6.933)	(9.180)	(11.427)	(13,675)	(15,922)	(18,169)	(20,417)
27 Additions		2.448	23,251	4.304		-	-		-	-		-	-		-	-	-	-		-	-	-	
28 Amortization			-	(3,212)	(3,212)	(3.212)	(3,212)	(3,212)	(3,212)	(3,212)	(3.212)	(2.247)	(2.247)	(2.247)	(2.247)	(2.247)	(2.247)	(2.247)	(2.247)	(2.247)	(2.247)	(2.247)	(2.247)
29 Closing Deferred Charges		2,448	25,699	26,790	23,578	20,366	17,153	13,941	10,729	7,516	4,304	2,057	(191)	(2,438)	(4,685)	(6,933)	(9,180)	(11,427)	(13,675)	(15,922)	(18,169)	(20,417)	(22,664)
30													, ,		,	,		,	,		,	,	, , ,
31 Mid Year Deferred Charges		-	-	26,244	25,184	21,972	18,759	15,547	12,335	9,122	5,910	3,180	933	(1,314)	(3,562)	(5,809)	(8,056)	(10,304)	(12,551)	(14,798)	(17,046)	(19,293)	(21,540)
32 Capital Lease Rate Base		-	15,834	14,167	12,500	10,834	9,167	7,500	5,834	4,167	2,500	833	15,834	14,167	12,500	10,834	9,167	7,500	5,834	4,167	2,500	833	-
33 13 Month Adjustment (row 211, S3b)		-	-	(2,999)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34																							
35 Total Rate Base			33,385	82,893	87,337	70,050	52,762	37,620	27,282	20,613	16,780	13,024	24,890	20,539	15,488	10,190	5,297	1,508	(255)	(3,326)	(8,827)	(14,328)	(18,273)

Financial Schedule 3b

Customer Care Enhancement Project- CONSOLIDATED FINAL Including Accounting Changes & IFRS (November 27, 2009)

Rate Base Detail in \$000s

\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Consolidated																							
1 Capital Spending																							
2 Hardware		745	2,516	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 Software 4 Land		5,432	748 731	-					-	-	-		-		-	-			-	-			-
5 Buildings		1,207	5,883	-		-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-
6 Vendor Fees		13,291	2,916	(2,201)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7 Installer Fees 8 Internal Labour		1,195 2,741	16,569 4,933	1,232 646						-	-		-		-	-			-	-			-
9 Internal Materials		977	458	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 Training		357	641	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 Incremental O&M 12 Total Spend		25,945	35,394	(324)																			<del></del>
13		20,010	00,001	(02.)																			
14 Opening WIP		_	700	4.074																			
15 Hardware 16 Software		-	766 5,584	1,071 5,636						-	-		-		-	-			-	-	-		-
17 Land		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18 Buildings 19 Vendor Fees		121 1,511	1,368 15,257	7,747	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 Installer Fees		1,511	1,228	6.407		-				-			-	-		-	-		-	-			
21 Internal Labour		-	2,817	6,228	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22 Internal Materials 23 Training		163	1,177	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24 Incremental O&M		-	367	-	-	-	-	-		-	-			-	-	-	-	-	-	-	-	-	-
25 Total Opening WIP		1,795	28,565	27,089	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
26 Additions 27 Hardware		766	2,571																				
28 Software		5,584	1,066		-			-		-				-			-	-	-	-		-	-
29 Land		-	731	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30 Buildings 31 Vendor Fees		1,247 13,747	5,883 3,475	(2,201)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32 Installer Fees		1,228	16,798	1,232	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-
33 Internal Labour		2,817	5,195	646	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34 Internal Materials 35 Training		1,014 367	458 641	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36 Incremental O&M		307	- 041	-	-	-	-	-		-	-	-		-	-	-	-	-	-	-	-	-	-
37 Total Additions		26,770	36,818	(324)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38 In-service 39 Hardware		-	(2,265)	(1,071)																			
40 Software			(1,014)	(5,636)						-					-								-
41 Land		-	(731)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42 Buildings 43 Vendor Fees		-	(7,251) (10,985)	(5,546)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44 Installer Fees			(11,620)	(7,639)					-	-													-
45 Internal Labour		-	(1,784)	(6,873)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46 Internal Materials 47 Training		-	(1,634) (1,008)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48 Incremental O&M		-	-	-		-	-	-	-	-	-				-	-	-	-	-	-	-	-	-
49 Total In-service		-	(38,293)	(26,766)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 Closing WIP 51 Hardware		766	1,071	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
52 Software		5,584	5,636	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53 Land 54 Buildings		1,368	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
55 Vendor Fees		15,257	7,747	-	-	-	-	-		-	-	-		-	-	-	-	-	-	-	-	-	-
56 Installer Fees		1,228	6,407	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
57 Internal Labour 58 Internal Materials		2,817 1,177	6,228	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59 Training		367	-	-	-	-	-	-		-	-	-		-	-	-	-	-	-	-	-	-	-
60 Incremental O&M		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
61 Consolidated Total Closing WIP 62		28,565	27,089	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
63 Recurring Plant Additions																							
64 Hardware		-	-	-	-	-	-	1,400	900	-	450	-	1,400	900	-	-	-	1,400	900	-	-	-	1,400
65 Software 66 Land		-	-	-		-		-		-	450				-			450	-		-		-
67 Buildings		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
68 Vendor Fees 69 Installer Fees		-	-	275 2,880	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70 Internal Labour		-	-	2,000		-		-		-			-	-	-	-	-	-	-	-		-	-
71 Internal Materials		-	-	188	-	-	-	-	-	-	3,600	-	-	-	-	-	-	-	3,600	-	-	-	-
72 Training 73 Capitalized Overhead		-	-	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
73 Capitalized Overnead 74 Total Recurring Plant Additions			-	3,382				1,400	900	-	4,050		1,400	900		-	-	1,850	4,500				1,400
75				-,							,							,					,
76 Opening Plant Balance 77 Hardware				2,265	3,336	3,336	3,336	3,336	2,471	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300
77 Hardware 78 Software			-	1,014	6,650	6,650	6,650	6,650	5,636	2,300	2,300	2,300 450	2,300 450	2,300 450	2,300 450	2,300 450	2,300	2,300	2,300 450	2,300 450	2,300 450	2,300 450	2,300 450
79 Land		-	-	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731
80 Buildings		-	-	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251
81 Vendor Fees 82 Installer Fees		-	-	10,985 11,620	16,806 22,138	16,806 22,138	16,806 22,138	16,806 22,138	5,821 10,519	-		-	-	-			-	-	-	-	-	-	-
83 Internal Labour		-	-	1,784	8,658	8,658	8,658	8,658	6,873	-	-	-	-	-	-	-	-	-	-	-	-	-	-
84 Internal Materials		-	-	1,634	1,822	1,822	1,822	1,822	188	-	-	3,600	3,600	3,600	3,600	3,600	-	-	-	3,600	3,600	3,600	3,600

Attachment 9.11b

Customer Care Enhancement Project- CONSOLIDATED FINAL Including Accounting Changes & IFRS (November 27, 2009)
Rate Base Detail in \$000s

\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

85	Training	Reference	2010	2011	2012 1.008	2013 1,047	2014 1,047	2015 1,047	2016 1.047	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
86	Incremental O&M and Capitalized Overhead		_	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
87	Total Opening Plant Balance		-	-	38,293	68,440	68,440	68,440	68,440	39,530	10,282	10,282	14,332	14,332	14,332	14,332	14,332	10,282	10,282	10,732	14,332	14,332	14,332	14,332
88 89	Additions																							
90	Hardware		-	2,265	1,071	-	-	-	1,400	900	-	-	-	1,400	900	-	-	-	1,400	900	-	-	-	1,400
91	Software		-	1,014 731	5,636	-	-	-	-	-	-	450	-	-	-	-	-	-	450	-	-	-	-	-
92 93	Land Buildings		-	7.251					-	-	-				-	-		-	-			-		
94	Vendor Fees		-	10,985	5,821		-	-	-	-			-	-	-	-	-		-	-	-	-	-	
95	Installer Fees		-	11,620	10,519	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
96 97	Internal Labour Internal Materials		-	1,784 1,634	6,873 188				-	-		3,600		-	-	-	-		-	3,600	-			
98	Training		-	1,008	39		-	-	-	-		-	-	-	-	-	-		-	-	-	-	-	
99	Incremental O&M and Capitalized Overhead			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100 101	Total Additions		-	38,293	30,148	-	-	-	1,400	900	-	4,050	-	1,400	900	-	-	-	1,850	4,500	-	-	-	1,400
102	Retirements																							
103	Hardware		-	-	-	-	-	-	(2,265)	(1,071)	-	-	-	(1,400)	(900)	-	- (450)	-	(1,400)	(900)	-	-	-	(1,400)
104 105	Software Land		-	-					(1,014)	(5,636)			- 1	-	-	-	(450)		-		-			(450)
106	Buildings		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
107	Vendor Fees		-	-	-	-	-	-	(10,985)	(5,821)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
108 109	Installer Fees Internal Labour		-	-	-	-	-	-	(11,620) (1,784)	(10,519) (6,873)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
110	Internal Materials								(1,634)	(188)				-	-	-	(3,600)		- :		-			
111	Training		-	-	-	-	-	-	(1,008)	(39)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
112 113	Incremental O&M and Capitalized Overhead Total Retirements			-	-	-	-	-	(30,310)	(30,148)	-	-	-	(1,400)	(900)	-	(4,050)	-	(1,400)	(900)	-	-		(1,850)
113	rotal Netherits		-	-	-	-	-	-	(30,310)	(30,148)	-	-	-	(1,400)	(900)	-	(4,050)	-	(1,400)	(900)	-	-	-	(1,050)
115																								
116 117	Hardware Software		-	2,265 1,014	3,336 6.650	3,336 6.650	3,336 6,650	3,336 6,650	2,471 5,636	2,300	2,300	2,300 450	2,300 450	2,300 450	2,300 450	2,300 450	2,300	2,300	2,300 450	2,300 450	2,300 450	2,300 450	2,300 450	2,300
117			-	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731
119	Buildings		-	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251	7,251
120	Vendor Fees		-	10,985	16,806	16,806	16,806	16,806	5,821	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
121 122	Installer Fees Internal Labour		-	11,620 1,784	22,138 8.658	22,138 8.658	22,138 8.658	22,138 8.658	10,519 6,873	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
123	Internal Materials		-	1,634	1,822	1,822	1.822	1,822	188		-	3,600	3,600	3.600	3,600	3,600		-	-	3,600	3,600	3,600	3,600	3,600
124	Training		-	1,008	1,047	1,047	1,047	1,047	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
125 126	Incremental O&M and Capitalized Overhead			-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
126	Total Closing Plant Balance		-	38,293	68,440	68,440	68,440	68,440	39,530	10,282	10,282	14,332	14,332	14,332	14,332	14,332	10,282	10,282	10,732	14,332	14,332	14,332	14,332	13,882
128	Opening Accumulated Depreciation																							
129	Hardware		-	-	(227)	(787)	(1,454)	(2,121)	(2,788)	(1,104)	(510)	(970)	(1,430)	(1,890)	(950)	(510)	(970)	(1,430)	(1,890)	(950)	(510)	(970)	(1,430)	(1,890)
130 131	Software Land				(101)	(868)	(2,198)	(3,528)	(4,858)	(5,073)	(0)	(0)	(45)	(135)	(225)	(315)	(405)	(0)	(0)	(45)	(135)	(225)	(315)	(405)
132	Buildings		-	-	(158)	(475)	(792)	(1,109)	(1,426)	(1,743)	(2,060)	(2,377)	(2,694)	(3,010)	(3,327)	(3,644)	(3,961)	(4,278)	(4,595)	(4,912)	(5,229)	(5,546)	(5,862)	(6,179)
133	Vendor Fees		-	-	(1,099)	(3,878)	(7,239)	(10,600)	(13,961)	(5,239)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
134 135	Installer Fees		-	-	(1,162) (178)	(4,538) (1,223)	(8,965) (2,954)	(13,393)	(17,821)	(9,467) (6,186)	(0) (0)	(0) (0)	(0) (0)	(0) (0)	(0) (0)	(0) (0)	(0) (0)	(0) (0)	(0) (0)	(0) (0)	(0) (0)	(0) (0)	(0) (0)	(0) (0)
136	Internal Materials		_	-	(163)	(509)	(874)	(1,238)	(1,602)	(169)	(0)	(0)	(360)	(1,080)	(1,800)	(2,520)	(3,240)	(0)	(0)	(0)	(360)	(1,080)	(1,800)	(2,520)
137	Training		-	-	(101)	(306)	(516)	(725)	(934)	(35)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
138 139	Incremental O&M and Capitalized Overhead Total Consolidated Depreciation Expense			-	(3,189)	(12,583)	(24,992)	(37,400)	(49,809)	(29,016)	(2,570)	(3,347)	(4,529)	(6,115)	(6,302)	(6,989)	(8,576)	(5,708)	(6,485)	(5,907)	(6,234)	(7,821)	(9,407)	(10,994)
140	Total Consolidated Depreciation Expense				(3, 103)	(12,303)	(24,552)	(37,400)	(45,005)	(29,010)	(2,370)	(3,347)	(4,323)	(0,113)	(0,302)	(0,505)	(0,370)	(3,700)	(0,400)	(3,507)	(0,234)	(7,021)	(5,407)	(10,554)
141	Retirements																							
142 143	Hardware Software		-	-	-	-	-	-	2,265 1,014	1,071 5,636	-	-	-	1,400	900	-	450	-	1,400	900	-	-	-	1,400 450
143	Land		-	-	-	-			1,014	5,030	-	-			-	-	450	-	-		-	-		450
145	Buildings		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
146 147	Vendor Fees		-	-	-	-	-	-	10,985	5,821	-	-	-	-	-	-	-	-	-	-	-	-	-	-
148	Installer Fees Internal Labour		-			-			11,620 1,784	10,519 6,873	-	-			-	-	-	-				-	-	
149	Internal Materials		-	-	-	-	-	-	1,634	188	-	-	-	-	-	-	3,600	-	-	-	-	-	-	-
150	Training		-	-	-	-	-	-	1,008	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-
151 152	Incremental O&M and Capitalized Overhead Total Closing Accumulated Depreciation								30,310	30,148				1,400	900		4,050		1.400	900			<del></del>	1,850
153									00,010	00,110				1,100	000		1,000		1,100	000				1,000
154 155	Depreciation Expense			(227)	(560)	(667)	(667)	(667)	(581)	(477)	(400)	(460)	(460)	(460)	(460)	(460)	(460)	(400)	(460)	(460)	(460)	(460)	(460)	(460)
155 156	Hardware Software			(101)	(560)	(1,330)	(1,330)	(1,330)	(581)	(564)	(460)	(460) (45)	(460)	(460)	(460)	(460)	(460) (45)	(460)	(460)	(460)	(460)	(460)	(460)	(460) (45)
157	Land		-			-	-	-	-														-	-
158	Buildings		-	(158)	(317)	(317)	(317)	(317)	(317)	(317)	(317)	(317)	(317)	(317)	(317)	(317)	(317)	(317)	(317)	(317)	(317)	(317)	(317)	(317)
159 160	Vendor Fees Installer Fees		-	(1,099) (1,162)	(2,779) (3,376)	(3,361) (4,428)	(3,361) (4,428)	(3,361) (4,428)	(2,263) (3,266)	(582) (1,052)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Installer Fees Internal Labour		-	(1,162)	(3,376)	(1,732)	(1,732)	(1,732)	(3,266)	(687)	-				-	-	-	-	-	-	-	-	-	
162	Internal Materials		-	(163)	(346)	(364)	(364)	(364)	(201)	(19)	-	(360)	(720)	(720)	(720)	(720)	(360)	-	-	(360)	(720)	(720)	(720)	(720)
163	Training		-	(101)	(205)	(209)	(209)	(209)	(109)	(4)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
164 165	Incremental O&M and Capitalized Overhead Total Consolidated Depreciation Expense			(3,189)	(9,394)	(12,408)	(12,408)	(12,408)	(9.517)	(3,702)	(777)	(1,182)	(1,587)	(1,587)	(1,587)	(1,587)	(1.182)	(777)	(822)	(1,227)	(1,587)	(1,587)	(1,587)	(1,542)
166			-	(0,100)	(3,354)	(12,400)	(12,400)	(12,400)	(3,317)	(0,102)	(111)	(1,102)	(1,007)	(1,007)	(1,307)	(1,307)	(1,102)	(111)	(022)	(1,221)	(1,301)	(1,507)	(1,307)	(1,042)
167				(0.00	/===	(4	(0.101	(0 =05	(4	(=10)	(0=0)	(4 :00)	(4 000	(0=0)	(510)	(0=0)	(4 100)	(4 000)	(0=0)	(5.10)	(0=0)	(4 .00)	/4 000	(0=0)
168 169	Hardware Software		-	(227) (101)	(787) (868)	(1,454) (2,198)	(2,121)	(2,788) (4,858)	(1,104) (5,073)	(510) (0)	(970) (0)	(1,430) (45)	(1,890) (135)	(950) (225)	(510) (315)	(970) (405)	(1,430) (0)	(1,890) (0)	(950) (45)	(510) (135)	(970) (225)	(1,430) (315)	(1,890) (405)	(950) (0)
170	Land		-	(101)	(000)	(4,130)	(0,020)	(-,000)	(3,073)	- (0)	- (0)	(40)	(133)	(223)	(313)	( <del>4</del> 05)	-	- (0)	(40)	(133)	(220)	(313)	(+00)	-
171	Buildings		-	(158)	(475)	(792)	(1,109)	(1,426)	(1,743)	(2,060)	(2,377)	(2,694)	(3,010)	(3,327)	(3,644)	(3,961)	(4,278)	(4,595)	(4,912)	(5,229)	(5,546)	(5,862)	(6,179)	(6,496)

S3b - Rate Base- Detail Attachment 9.11b

Customer Care Enhancement Project- CONSOLIDATED FINAL Including Accounting Changes & IFRS (November 27, 2009)
Rate Base Detail in \$000s

\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
172	Vendor Fees	-	(1,099)	(3,878)	(7,239)	(10,600)	(13,961)	(5,239)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
173	Installer Fees	-	(1,162)	(4,538)	(8,965)	(13,393)	(17,821)	(9,467)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
174	Internal Labour	-	(178)	(1,223)	(2,954)	(4,686)	(6,417)	(6,186)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
175	Internal Materials	-	(163)	(509)	(874)	(1,238)	(1,602)	(169)	(0)	(0)	(360)	(1,080)	(1,800)	(2,520)	(3,240)	(0)	(0)	(0)	(360)	(1,080)	(1,800)	(2,520)	(3,240)
176	Training	-	(101)	(306)	(516)	(725)	(934)	(35)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
177	Incremental O&M and Capitalized Overhead	-	-	-	-		-								-	-		-					-
178	Total Closing Accumulated Depreciation	-	(3,189)	(12,583)	(24,992)	(37,400)	(49,809)	(29,016)	(2,570)	(3,347)	(4,529)	(6,115)	(6,302)	(6,989)	(8,576)	(5,708)	(6,485)	(5,907)	(6,234)	(7,821)	(9,407)	(10,994)	(10,686)
179	·																						
180	Opening GPIS	-	-	38,293	68,440	68,440	68,440	68,440	39,530	10,282	10,282	14,332	14,332	14,332	14,332	14,332	10,282	10,282	10,732	14,332	14,332	14,332	14,332
181	Closing GPIS		38,293	68,440	68,440	68,440	68,440	39,530	10,282	10,282	14,332	14,332	14,332	14,332	14,332	10,282	10,282	10,732	14,332	14,332	14,332	14,332	13,882
182	Mid-Year GPIS	-	19,146	53,367	68,440	68,440	68,440	53,985	24,906	10,282	12,307	14,332	14,332	14,332	14,332	12,307	10,282	10,507	12,532	14,332	14,332	14,332	14,107
183																							
184	Opening Accumulated Depreciation	-	-	(3,189)	(12,583)	(24,992)	(37,400)	(49,809)	(29,016)	(2,570)	(3,347)	(4,529)	(6,115)	(6,302)	(6,989)	(8,576)	(5,708)	(6,485)	(5,907)	(6,234)	(7,821)	(9,407)	(10,994)
185	Closing Accumulated Depreciation		(3,189)	(12,583)	(24,992)	(37,400)	(49,809)	(29,016)	(2,570)	(3,347)	(4,529)	(6,115)	(6,302)	(6,989)	(8,576)	(5,708)	(6,485)	(5,907)	(6,234)	(7,821)	(9,407)	(10,994)	(10,686)
186	Mid-Year Accumulated Depreciation	-	(1,595)	(7,886)	(18,787)	(31,196)	(43,604)	(39,412)	(15,793)	(2,958)	(3,938)	(5,322)	(6,209)	(6,646)	(7,783)	(7,142)	(6,096)	(6,196)	(6,070)	(7,027)	(8,614)	(10,201)	(10,840)
187																							
188	Consolidated Mid-Year Net Plant in Service	-	17,552	45,480	49,653	37,244	24,836	14,573	9,113	7,324	8,370	9,010	8,124	7,687	6,550	5,165	4,186	4,312	6,462	7,305	5,718	4,132	3,267
189																							
190	Consolidated Software CIAOC Opening Balance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
191	Consolidated Software CIAOC Additions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
192	Consolidated Software CIAOC Retirements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
193	Consolidated Software CIAOC Closing Balance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
194																							
195	Consolidated Software CIAOC Opening Balance Accumulated Depreciation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
196	Consolidated Software CIAOC Retirements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
197	Consolidated Amortization of Software CIAOC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
198	Consolidated Software CIAOC Closing Balance Accumulated Depreciation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
199																							
200	Consolidated Mid Year Software CIAOC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
201																							
202	Consolidated Opening Deferred Charges	-	2,448	25,699	26,790	23,578	20,366	17,153	13,941	10,729	7,516	4,304	2,057	(191)	(2,438)	(4,685)	(6,933)	(9,180)	(11,427)	(13,675)	(15,922)	(18,169)	(20,417)
203	Consolidated O&M Deferred Charge Additions	3,294	30,160	5,739	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
204	Consolidated O&M Tax on Deferred Charge Additions	(939)	(7,992)	(1,435)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
205	Consolidated O&M Net Deferred Charge Additions	2,356	22,168	4,304	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
206	Consolidated O&M Amortization Expense	-	-	(3,212)	(3,212)	(3,212)	(3,212)	(3,212)	(3,212)	(3,212)	(3,212)	(2,247)	(2,247)	(2,247)	(2,247)	(2,247)	(2,247)	(2,247)	(2,247)	(2,247)	(2,247)	(2,247)	(2,247)
207	Consolidated O&M Deferred Charge AFUDC	92	1,084		-		-	-		-								-		-			
208	Consolidated Closing Deferred Charges	2,448	25,699	26,790	23,578	20,366	17,153	13,941	10,729	7,516	4,304	2,057	(191)	(2,438)	(4,685)	(6,933)	(9,180)	(11,427)	(13,675)	(15,922)	(18,169)	(20,417)	(22,664)
209	Capital Lease Rate Base		15,834	14,167	12,500	10,834	9,167	7,500	5,834	4,167	2,500	833	15,834	14,167	12,500	10,834	9,167	7,500	5,834	4,167	2,500	833	-
210	Consolidated Mid-Year Deferred Charges	-	-	26,244	25,184	21,972	18,759	15,547	12,335	9,122	5,910	3,180	933	(1,314)	(3,562)	(5,809)	(8,056)	(10,304)	(12,551)	(14,798)	(17,046)	(19,293)	(21,540)
211	In-Service Adjustment	-	-	(2,999)				-	-		-		-		-	-	-	-	-			-	
	Consolidated Ratebase	-	33,385	82,893	87,337	70,050	52,762	37,620	27,282	20,613	16,780	13,024	24,890	20,539	15,488	10,190	5,297	1,508	(255)	(3,326)	(8,827)	(14,328)	(18,273)
			,	. ,	. ,	.,	. ,	. ,	,	.,	.,	.,	,	.,	.,	.,	.,=	,	,,	(-,)	(-,)	, ,,	, ,

S4a - CCA- Summary
Attachment 9.11b

# Financial Schedule 4a

# Customer Care Enhancement Project- CONSOLIDATED FINAL Including Accounting Changes & IFRS (November 27, 2009)

Capital Cost Allowance Summary in \$000s
\*Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Consolidated																							
1 Opening UCC Balance		-	-	33,810	56,848	54,171	53,439	52,928	53,542	53,295	52,381	54,050	53,425	54,142	53,985	53,151	52,671	52,358	53,559	55,231	54,211	53,785	53,521
2 Additions		-	37,314	28,147	-	-	-	1,400	900	-	4,050	-	1,400	900	-	-	-	1,850	4,500	-	-	-	1,400
3 CCA			(3,504)	(5,109)	(2,677)	(732)	(511)	(786)	(1,147)	(914)	(2,381)	(625)	(682)	(1,057)	(834)	(479)	(314)	(649)	(2,828)	(1,020)	(426)	(264)	(571)
4 Closing UCC Balance		-	33,810	56,848	54,171	53,439	52,928	53,542	53,295	52,381	54,050	53,425	54,142	53,985	53,151	52,671	52,358	53,559	55,231	54,211	53,785	53,521	54,350
5																							
6																							
7																							
8 CCA Rates Used																							
9																							
10 Hardware_CCA	55.00%																						
11 Software_CCA	100.00%																						
12 Buildings_CCA	6.00%																						
13 VendorFees_CCA	100.00%																						
14 InstallerFees_CCA	100.00%																						
15 InternalLabour_CCA	100.00%																						
16 InternalMaterials_CCA	100.00%																						
17 Overhead_Cap_CCA	4.00%																						
18																							
19 Amortization of Software CIAOC	12.50%																						

Financial Schedule 4b Customer Care Enhancement Project- CONSOLIDATED FINAL Including Accounting Changes & IFRS (November 27, 2009)

CCA Detail in \$000s

\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	Consolidated Capital Cost Allowance	<u></u>																						
	Consolidated Capital Cost Allowance																							
1	UCC Opening																							
2	Hardware		-	-	1,642	1,461	657	296	133	1,075	1,136	511	230	104	1,062	1,130	509	229	103	1,061	1,130	509	229	103
3	Software		-	-	499	2,592	-	-	-	-	-	-	225	-	-	-	-	-	-	225	-	-	-	-
4	Buildings		-	-	6,995	6,575	6,180	5,810	5,461	5,133	4,825	4,536	4,264	4,008	3,767	3,541	3,329	3,129	2,941	2,765	2,599	2,443	2,296	2,159
5	Vendor Fees		-	-	5,425	2,471	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Installer Fees		-	-	5,810	5,128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Internal Labour		-	-	888	3,271	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Internal Materials		-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Training		-	-	499	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Incremental O&M and Capitalized Overhead			-	-	-	-		-	-	-				-	- 4 070		-	-	-		- 0.050		-
11	Total UCC Opening Balance		-	-	21,757	21,517	6,838	6,105	5,594	6,208	5,962	5,047	4,719	4,111	4,829	4,672	3,837	3,358	3,044	4,051	3,729	2,952	2,525	2,262
12 13	UCC Additions																							
14	Hardware			2,265	996				1.400	900				1,400	900				1,400	900				1.400
15	Software		_	997	5.183	-			1,400	-		450		1,400	-				450	-	-	-		1,400
16	Buildings		-	7,211	5,105	-						450							450	-	-	-		_
17	Vendor Fees		_	10,849	4,942	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
18	Installer Fees		_	11,620	10,257	_	_	-	-	_	-	_	_	_	_	-	_	-	_	_	-	-	_	-
19	Internal Labour		-	1,776	6.543	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Internal Materials		-	1,598	188	-	-	_	-	-	-	3,600	-	-	-	-	-	-	-	3,600	-	-	-	-
21	Training		-	998	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Incremental O&M and Capitalized Overhead		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Total UCC Additions		-	37,314	28,147	-	-	-	1,400	900	-	4,050	-	1,400	900	-	-	-	1,850	4,500	-	-	-	1,400
24																								
25																								
26	Hardware		-	(623)	(1,177)	(804)	(362)	(163)	(458)	(839)	(625)	(281)	(127)	(442)	(831)	(622)	(280)	(126)	(442)	(831)	(622)	(280)	(126)	(442)
27	Consolidated Software CCA		-	(499)	(3,090)	(2,592)	-	-	-	-	-	(225)	(225)		-	-	-	-	(225)	(225)	-		-	-
28	Buildings		-	(216)	(420)	(394)	(371)	(349)	(328)	(308)	(290)	(272)	(256)	(240)	(226)	(212)	(200)	(188)	(176)	(166)	(156)	(147)	(138)	(130)
29	Vendor Fees CCA Installer Fees CCA		-	(5,425)	(7,896)	(2,471)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30 31	Installer Fees CCA Internal Labour CCA		-	(5,810) (888)	(10,938) (4,159)	(5,128) (3,271)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	Internal Materials CCA		-	(799)	(4,139)	(3,271)	-	-	-	-	-	(1,800)	(215)	-	-	-	-	-	-	(1,800)	(243)	-	-	•
33	Training		-	(499)	(519)	(20)	-	-		-		(1,000)	(213)	-	-	-	-	-	-	(1,000)	(243)	-	-	-
34	Incremental O&M and Capitalized Overhead		_	(433)	(313)	(20)						_							-	-	-	-		_
35	Total Consolidated CCA			(14,758)	(28,376)	(14,690)	(732)	(511)	(786)	(1,147)	(914)	(2,578)	(823)	(682)	(1,057)	(834)	(479)	(314)	(843)	(3,022)	(1,020)	(426)	(264)	(571)
36				(,)	(==,=:=)	(,)	()	(= )	(,	(.,)	()	(=,=.=)	()	()	(1,001)	(,	(,	(= ,	(= .=)	(-,/	(.,===)	( /	(== -)	()
37	UCC Ending Balance																							
38	Hardware		-	1,642	1,461	657	296	133	1,075	1,136	511	230	104	1,062	1,130	509	229	103	1,061	1,130	509	229	103	1,061
39	Software		-	499	2,592	-	-	-	-	-	-	225	-	-	-	-	-	-	225	-	-	-	-	-
40	Buildings		-	6,995	6,575	6,180	5,810	5,461	5,133	4,825	4,536	4,264	4,008	3,767	3,541	3,329	3,129	2,941	2,765	2,599	2,443	2,296	2,159	2,029
41	Vendor Fees		-	5,425	2,471	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Installer Fees		-	5,810	5,128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43	Internal Labour		-	888	3,271	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Internal Materials		-	799	10	(10)	-	-	-	-	-	1,800	(215)	-	-	-	-	-	-	1,800	(243)	-	-	-
45	Training		-	499	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46	Incremental O&M and Capitalized Overhead																							
47	Total UCC Ending Balance		-	22,556	21,528	6,828	6,105	5,594	6,208	5,962	5,047	6,519	3,896	4,829	4,672	3,837	3,358	3,044	4,051	5,529	2,709	2,525	2,262	3,091
48	TOLO-4 CIAOO A delisi																							
49	TGI Software CIAOC Addition		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

S5 - Revenue Requirement Attachment 9.11b

# Financial Schedule 5

Customer Care Enhancement Project- CONSOLIDATED FINAL Including Accounting Changes & IFRS (November 27, 2009)

Revenue Requirement & Rate Impact Analysis in \$000s

\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	Consolidated	•																						
1	Revenue Requirement																							
2	Operating & Maintenance Expense																							
3	CCE Customer Care O&M Costs	\$2. line 6			44.534	45.835	47.369	48.954	50.601	51.849	52.929	54.629	55.910	57.084	58.574	60.085	61.610	63,199	65,108	66,609	68.364	70.144	71,971	73.810
- 5	Avoided Costs- Existing customer care contract	32, IIIIe 0			(62,819)	(64.850)	(66.125)	(66,433)	(67.813)	(69.234)	(70.466)	(72,321)	(73,757)	(75,087)	(76.736)	(78,410)	(80,103)	(81.866)	(83,959)	(85,654)	(87.614)	(89.613)	(91,676)	(93.773)
6	Less: Overhead Capitalized				(02,013)	(04,000)	(00,123)	(00,400)	(07,013)	(03,234)	(70,400)	(72,321)	(13,131)	(13,001)	(70,730)	(70,410)	(00,103)	(01,000)	(00,000)	(00,004)	(07,014)	(03,013)	(31,070)	(33,773)
7	, Less. Overried Capitalized		-		(18,285)	(19,015)	(18.756)	(17.479)	(17,212)	(17,385)	(17.536)	(17.692)	(17.847)	(18,003)	(18.162)	(18,325)	(18,493)	(18,667)	(18,852)	(19.045)	(19,250)	(19,469)	(19,706)	(19,962)
. 8					(,=,	(,)	(,)	(,)	(,=.=)	(,,	(,,	(,)	(,)	(,,	(,,	(,,	(,)	(,,	(,)	(,,-	(,=,	(,,	(,)	(,,
9	Property & Other Taxes		-	-		39	(18)	65	98	97	47	(43)	(90)	(96)	(104)	(91)	(99)	(104)	(115)	(127)	(134)	(140)	(133)	(139)
10	Amortization & Depreciation Expense	line 19 + line 20	-	4,856	14,273	17,288	17,288	17,288	14,396	8,581	5,656	6,061	5,501	5,501	5,501	5,501	5,096	4,691	4,736	5,141	5,501	5,501	5,501	3,789
11	Income Tax Expense	line 29	-	(3,367)	(4,091)	1,481	5,916	5,770	4,514	2,302	1,284	771	1,073	1,585	1,294	1,277	1,164	990	744	85	789	877	817	888
	Earned Return		-	2,442	6,281	6,705	5,378	4,051	2,888	2,095	1,583	1,288	1,000	1,912	1,578	1,190	783	407	117	(19)	(254)	(677)	(1,100)	(1,403)
13	Banner Conversion Costs		1,367	1,290	1,202	1,132	1,061	11																
14	Consolidated Total Cost of Service	x-ref S6, line 33	1,367	5,221	(621)	7,630	10,868	9,706	4,686	(4,311)	(8,967)	(9,614)	(10,362)	(9,101)	(9,892)	(10,448)	(11,548)	(12,683)	(13,371)	(13,964)	(13,347)	(13,908)	(14,621)	(16,827)
	Cumulative Deficit			6,588	5,967	13,597	24,466	34,171	38,857	34,546	25,579	15,965	5,603	(3,498)	(13,390)	(23,838)	(35,387)	(48,070)	(61,441)	(75,405)	(88,752)	(102,661)	(117,282)	(134,109)
16																								
17	Income Tax Expense Calculation																							
18			-	1,015	2,521	2,657	2,131	1,605	1,145	830	627	511	397	759	627	473	312	163	48	(6)	(99)	(267)	(435)	(555)
19	Add: Depreciation Expense- excluding capital lease	S3b, line 165	-	3,189	9,394	12,408	12,408	12,408	9,517	3,702	777	1,182	1,587	1,587	1,587	1,587	1,182	777	822	1,227	1,587	1,587	1,587	1,542
20	Add: Amortization Expense	S3b, line 206	-		3,212	3,212	3,212	3,212	3,212	3,212	3,212	3,212	2,247	2,247	2,247	2,247	2,247	2,247	2,247	2,247	2,247	2,247	2,247	2,247
21	Less: CCA Less: Overhead Capitalized timing difference	S4a, line 3	-	(14,758)	(28,376)	(14,690)	(732)	(511)	(786)	(1,147)	(914)	(2,578)	(823)	(682)	(1,057)	(834)	(479)	(314)	(843)	(3,022)	(1,020)	(426)	(264)	(571)
22			-	(10,554)	(42.240)	2 500	17.019	16.715	13.089	6,598	3.702	2,327	3,408	3.911	3.404	3,473	3,262	2,873	2,274	446	2.715	2 4 4 4	3,135	2.663
23 24			-	(10,554)	(13,249)	3,588	17,019	16,715	13,069	6,596	3,702	2,321	3,406	3,911	3,404	3,473	3,202	2,0/3	2,214	440	2,715	3,141	3,135	2,003
25				(14,359)	(17,665)	4.784	22.692	22,286	17.451	8.797	4.936	3.102	4.544	5,215	4.538	4.631	4.349	3.831	3,031	595	3.619	4.188	4.181	3.550
26				(17,338)	(17,000)	7,704	22,032	22,200	17,451	0,131	7,530	5,102	4,544	5,215	7,000	4,031	7,345	3,031	5,031	393	5,019	7,100	7,101	3,330
27	Current Income Tax Rate		29%	27%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
28	Capital Lease Tax Expense			438	325	285	243	198	152	102	50	(5)	(63)	281	160	119	77	33	(14)	(63)	(115)	(170)	(229)	
29	Total Income Tax Expense			(3,367)	(4.091)	1.481	5.916	5.770	4.514	2.302	1.284	771	1.073	1.585	1.294	1.277	1.164	990	744	85	789	877	817	888
				(-,)	, , /	,	.,	.,	,	,	,		,	,	,	,	,							

Financial Schedule 6
Customer Care Enhancement Project- CONSOLIDATED FINAL Including Accounting Changes & IFRS (November 27, 2009)
Discounted Cash Flow in \$000s

\* Note- the revenue requirement and tax expense amount showing in 2011 are for financial model purposes only; as requested in the CPCN Application from June 2, 2009, all costs prior to January 1, 2012 will be captured in an AFUDC earning non-rate base deferral account.

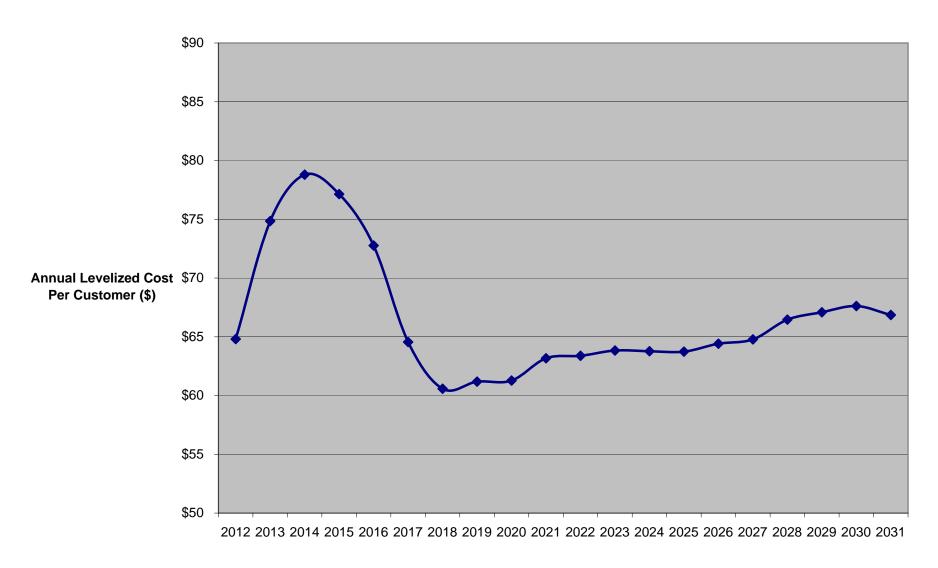
1	Consolidated Project Discounted Cash Flow																							
2		Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
3	Capital Spending- Hardware		(745)	(2,516)				-	(1,400)	(900)			-	(1,400)	(900)				(1,400)	(900)			-	(1,400)
4	Capital Spending- Software		(24,527)	(25,807)	(2,870)	-	-	-	-	-	-	(450)	-	-	-	-	-	-	(450)	-			-	-
5	Capital Spending- Buildings & Structures		(2,468)	(7,072)	(188)	-	-	-	-	-	-	(3,600)	-	-	-		-	-	-	(3,600)			-	
6	Capital Expenditure Cash Flow	S1, line 16	(27,740)	(35,394)	(3,058)	-	-	-	(1,400)	(900)		(4,050)	-	(1,400)	(900)	-	-	-	(1,850)	(4,500)	-	-		(1,400)
7																								
8	Revenue Requirement		-	3,932	(1,822)	6,498	9,807	9,694	4,686	(4,311)	(8,967)	(9,614)	(10,362)	(9,101)	(9,892)	(10,448)	(11,548)	(12,683)	(13,371)	(13,964)	(13,347)	(13,908)		
9	Incremental O&M		(3,294)	(30,160)	12,547	19,015	18,756	17,479	17,212	17,385	17,536	17,692	17,847	18,003	18,162	18,325	18,493	18,667	18,852	19,045	19,250	19,469	19,706	19,962
10	Property Tax 1% in Lieu				-	(39)	18	(65)	(98)	(97)	(47)	43	90	96	104	91	99	104	115	127	134	140	133	139
11	Operating & Other Expense Cash Flow		(3,294)	(26,228)	10,724	25,473	28,581	27,108	21,799	12,977	8,523	8,120	7,574	8,998	8,373	7,968	7,043	6,089	5,596	5,208	6,036	5,700	5,218	3,274
12	Tax Expense Cash Flow		939	6,950	(2,681)	(6,368)	(7,145)	(6,777)	(5,450)	(3,244)	(2,131)	(2,030)	(1,894)	(2,249)	(2,093)	(1,992)	(1,761)	(1,522)	(1,399)	(1,302)	(1,509)	(1,425)	(1,304)	(819)
13	After Tax Operating & Other Expense Cash Flow		(2,356)	(19,278)	8,043	19,105	21,436	20,331	16,349	9,733	6,392	6,090	5,681	6,748	6,280	5,976	5,283	4,567	4,197	3,906	4,527	4,275	3,913	2,456
14																								
15	Terminal Value Cash Flow		-	-				-	-	-			-			-	-	-			-		-	-
16																								
17	Annual Cash Flow		(30,095)	(54,672)	4,985	19,105	21,436	20,331	14,949	8,833	6,392	2,040	5,681	5,348	5,380	5,976	5,283	4,567	2,347	(594)	4,527	4,275	3,913	1,056
18																								
	Annual Discounted Cash Flow (mid year)		(29,265)	(49,889)	4,252	15,251	16,045	14,269	9,838	5,450	3,698	1,108	2,890	2,550	2,405	2,505	2,076	1,682	812	(190)	1,376	1,217	1,044	265
20																								
21	Total Project Discounted Cash Flow		9,388																					

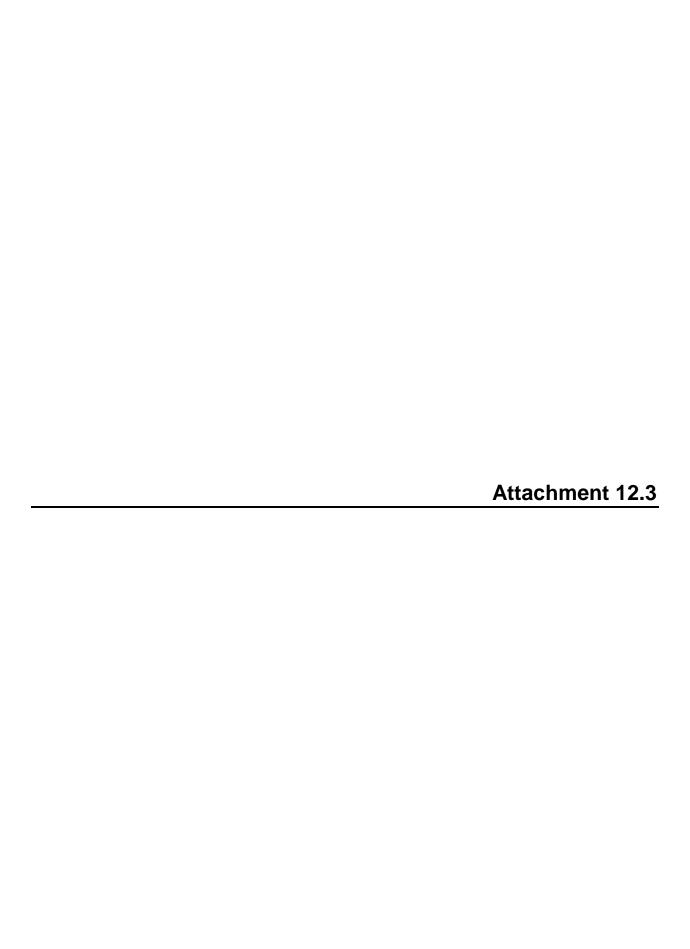
S7 - Cost Per Customer Attachment 9.11b

Financial Schedule 7
Customer Care Enhancement Project- CONSOLIDATED FINAL Including Accounting Changes & IFRS (November 27, 2009)
Cost Per Customer Analysis

	Reference	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
1 Consolidated																							
2 3 Customer Care Costs (\$000's)																							
4 CCE Customer Care O&M	S2, line 6		-	44,534	45,835	47,369	48,954	50,601	51,849	52,929	54,629	55,910	57,084	58,574	60,085	61,610	63,199	65,108	66,609	68,364	70,144	71,971	73,810
5 CCE other Cost of Service	line 17 + 28 +40		3,932	16,463	25,513	28,563	27,173	21,897	13,074	8,570	8,077	7,485	8,901	8,270	7,877	6,945	5,984	5,481	5,081	5,902	5,561	5,084	3,135
6 TGVI Banner to Energy Conversion 7 Total Customer Care Costs	line 29	1,367	1,290 5.221	1,202 62,199	1,132 72,480	1,061 76,993	76.139	72.498	64.923	61.499	62.706	63.395	65.985	66.843	67.962	68.555	69.183	70.588	71.690	74.266	75,705	77.055	76.945
8		1,307	3,221	02,100	72,400	70,555	70,138	72,400	04,323	01,400	02,700	00,555	05,805	00,040	07,302	00,333	08,103	70,300	71,030	74,200	73,703	77,033	70,843
9 Average Customers		943,278	951,379	959,757	968,338	977,113	987,030	996,311	1,005,709	1,015,228	1,024,868	1,034,633	1,044,524	1,054,543	1,064,694	1,074,979	1,085,399	1,095,957	1,106,657	1,117,500	1,128,490	1,139,628	1,150,918
11 Cost Per Customer		\$ 1.45	\$ 5.49	\$ 64.81	\$ 74.85	78.80	77.14	\$ 72.77	\$ 64.55	\$ 60.58	\$ 61.18	61.27	\$ 63.17	\$ 63.39	\$ 63.83	\$ 63.77	\$ 63.74	\$ 64.41	\$ 64.78	\$ 66.46	\$ 67.08	\$ 67.61	\$ 66.86
12																							
13 14 Notes:																							
15 Other Cost of Service amounts equal to total cost of	service as shown on subsequent R	Revenue Requiremen	nt schedule (S5) I	less O&M (net o	f CCE customer	care and avoide	d costs)																
16																							
17 18 <u>Levelized Cost Per Customer Calculation</u>				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
19 20 Discount Rate (TGI) (Nominal After Tax WACC) 21				6.50%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%
22 Average Customers				959,757	968,338	977,113	987,030	996,311	1,005,709	1,015,228	1,024,868	1,034,633	1,044,524	1,054,543	1,064,694	1,074,979	1,085,399	1,095,957	1,106,657	1,117,500	1,128,490	1,139,628	1,150,918
23 Discounted Average Customers				901,183	852,404	806,998	764,835	724,339	686,007	649,724	615,379	582,868	552,092	522,959	495,378	469,268	444,550	421,147	398,991	378,013	358,151	339,344	321,537
24 25 CCE Total Customer Care Costs	line 7 x 1000			62.198.753	72.480.162	76.993.157	76.138.957	72.498.326	64.923.269	61.499.246	62 706 334	63.395.088	65.985.407	66.843.397	67.961.850	68.554.553	69.183.020	70.588.370	71.690.241	74.266.230	75.704.653	77.055.128	76.945.446
26 Discount Rate	S6. line 29			6.50%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%
27 Discounted Costs				58,402,813	63,802,523	63,588,733	58,998,955	52,707,780	44,284,982	39,358,201	37,651,840	35,714,103	34,877,182			29,926,632			25,846,969	25,121,774	24,026,519		21,496,606
28 Annual Levelized Cost Per Customer				\$ 64.81	\$ 74.85	78.80	77.14	\$ 72.77	\$ 64.55	\$ 60.58	\$ 61.18	61.27	\$ 63.17	\$ 63.39	\$ 63.83	\$ 63.77	\$ 63.74	\$ 64.41	\$ 64.78	\$ 66.46	\$ 67.08	\$ 67.61	\$ 66.86
29 30																							
31 Levelized Cost per Customer- CCE CPCN	758.980.278	3 Costs																					
32		B Customers																					
33	67.25	Cost/Customer (\$)	l .																				
34																							
35 36 Existing Customer Care Contract				62.895.963	65.503.539	66.750.508	67.018.528	68.376.757	69.766.031	70.965.666	72.789.021	74.194.145	75.063.033	76.714.241	78.385.888	80.081.489	81.846.735	83.942.334	85.639.182	87.600.751	89.601.928	91.667.270	93,765,601
37 Discount Rate	S6. line 29			6.50%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%	6.58%
38 Discounted Costs				59,057,473		55,129,318	51,931,669	49,711,314	47,588,291	45,416,506	43,705,960		39,675,243						30,876,076	29,632,396	28,437,122		26,195,731
39 Annual Levelized Cost Per Customer				\$ 65.53	\$ 67.65	68.31	67.90	68.63	\$ 69.37	\$ 69.90	\$ 71.02	71.71	\$ 71.86	\$ 72.75	\$ 73.62	\$ 74.50	\$ 75.41	\$ 76.59	\$ 77.39	\$ 78.39	\$ 79.40	\$ 80.44	\$ 81.47
40																							
42 Levelized Cost per Customer- Existing Contract	809.363.768	R Coets																					
43	11,285,168	3 Customers																					
44	71.70	Cost/Customer (\$)	l																				
45		_																					

# **Customer Care Enhancement Project Annual Levelized Cost of Service Per Customer**





Customer Care Enchancement CPCN Total Cost of Service

Analysis of change between BCUC IR 1.124.1 and BCUC IR 2.18.1

	2012	2013	2014	2015	2016	2017	2018	2019	2020
Attachment 124.1									
CIS Software									
CCE Customer Care O&M Costs	906	906	906	906	906	906	906	906	906
All Other Cost of Service Items	140	1,374	1,263	1,202	1,133	1,067	1,001	935	871
Cost of Service- Attachment 124.1	1,046	2,281	2,170	2,108	2,039	1,973	1,907	1,842	1,777
CIS Implementation & Maintenance									
CCE Customer Care O&M Costs	1,758	2,147	2,179	2,212	2,247	2,284	2,342	2,401	2,463
All Other Cost of Service Items	2,111	12,277	11,467	11,014	10,459	9,904	9,318	8,799	7,238
Cost of Service- Attachment 124.1	3,869	14,424	13,646	13,226	12,706	12,188	11,660	11,201	9,701
Call Centre									
Lower Mainland									
CCE Customer Care O&M Costs	10,005	9,870	10,292	10,733	11,193	11,462	11,738	12,020	12,308
All Other Cost of Service Items	6,565	6,327	5,835	5,321	4,851	4,375	3,957	3,220	1,843
Cost of Service- Attachment 124.1	16,570	16,196	16,127	16,054	16,044	15,838	15,695	15,239	14,151
Interior									
CCE Customer Care O&M Costs	5,160	5,086	5,291	5,505	5,728	5,857	5,988	6,122	6,259
All Other Cost of Service Items	3,234	3,249	3,084	2,894	2,722	2,488	2,344	2,040	820
Cost of Service- Attachment 124.1	8,394	8,335	8,375	8,399	8,451	8,344	8,332	8,162	7,079
Billing Operations									
CCE Customer Care O&M Costs	26,705	27,826	28,700	29,598	30,526	31,341	31,956	33,180	33,974
All Other Cost of Service Items	4,214	4,156	3,519	2,872	2,379	1,869	1,464	1,082	(663)
Cost of Service- Attachment 124.1	30,919	31,982	32,219	32,470	32,905	33,209	33,420	34,262	33,311
Banner Cost of Service	1,202	1,132	1,061	11	-	-	-	-	-
Total Cost of Service	62,000	74,350	73,598	72,268	72,145	71,552	71,014	70,706	66,020

Customer Care Enchancement CPCN
Total Cost of Service

Analysis of change between BCUC IR 1.124.1 and BCUC IR 2.18.1

	2012	2013	2014	2015	2016	2017	2018	2019	2020
Attachment 18.1									
CIS Software									
CCE Customer Care O&M Costs	906	906	906	906	906	906	906	906	906
All Other Cost of Service Items	83	1,329	1,233	1,188	1,130	1,073	1,016	959	901
Cost of Service- Attachment 124.1	989	2,236	2,139	2,095	2,037	1,980	1,922	1,865	1,807
CIS Implementation & Maintenance									
CCE Customer Care O&M Costs	1,758	2,147	2,179	2,212	2,247	2,284	2,342	2,401	2,463
All Other Cost of Service Items	2,000	12,165	11,388	10,973	10,445	9,911	9,343	8,843	7,299
Cost of Service- Attachment 124.1	3,759	14,312	13,567	13,185	12,692	12,195	11,685	11,245	9,762
Call Centre									
Lower Mainland									
CCE Customer Care O&M Costs	7,643	7,539	7,869	8,213	8,573	8,784	9,000	9,220	9,446
All Other Cost of Service Items	5,724	5,670	5,362	5,065	4,755	4,361	4,070	3,529	2,095
Cost of Service- Attachment 124.1	13,368	13,209	13,231	13,279	13,328	13,145	13,070	12,749	11,541
Interior									
CCE Customer Care O&M Costs	7,228	7,117	7,409	7,713	8,031	8,211	8,396	8,584	8,777
All Other Cost of Service Items	2,913	2,998	2,893	2,790	2,676	2,548	2,454	2,132	1,129
Cost of Service- Attachment 124.1	10,141	10,115	10,302	10,503	10,707	10,759	10,850	10,716	9,906
Billing Operations									
CCE Customer Care O&M Costs	26,998	28,125	29,006	29,909	30,844	31,665	32,286	33,517	34,318
All Other Cost of Service Items	2,365	2,619	2,404	2,283	2,164	1,951	1,837	1,719	236
Cost of Service- Attachment 124.1	29,363	30,744	31,410	32,193	33,007	33,616	34,124	35,236	34,554
Banner Cost of Service	1,202	1,132	1,061	11	-	-	-	-	-
Total Cost of Service	58,821	71,749	71,710	71,265	71,772	71,694	71,650	71,811	67,569

# Customer Care Enchancement CPCN Total Cost of Service

Analysis of change between BCUC IR 1.124.1 and BCUC IR 2.18.1

	2012	2013	2014	2015	2016	2017	2018	2019	2020
Difference									
CIS Software									
CCE Customer Care O&M Costs	-	-	-	-	-	-	-	-	-
All Other Cost of Service Items	(57)	(45)	(31)	(14)	(2)	7	15	23	30
Cost of Service- Attachment 124.1	(57)	(45)	(31)	(14)	(2)	7	15	23	30
CIS Implementation & Maintenance									
CCE Customer Care O&M Costs	-	-	-	-	-	-	-	-	-
All Other Cost of Service Items	(111)	(112)	(79)	(41)	(14)	7	25	44	60
Cost of Service- Attachment 124.1	(111)	(112)	(79)	(41)	(14)	7	25	44	60
Call Centre									
Lower Mainland									
CCE Customer Care O&M Costs	(2,362)	(2,331)	(2,423)	(2,520)	(2,620)	(2,679)	(2,738)	(2,799)	(2,862)
All Other Cost of Service Items	(841)	(657)	(473)	(256)	(96)	(14)	113	310	252
Cost of Service- Attachment 124.1	(3,203)	(2,987)	(2,896)	(2,775)	(2,716)	(2,693)	(2,625)	(2,490)	(2,610)
Interior									
CCE Customer Care O&M Costs	2,069	2,032	2,118	2,208	2,303	2,355	2,408	2,462	2,518
All Other Cost of Service Items	(322)	(251)	(191)	(104)	(46)	61	110	91	309
Cost of Service- Attachment 124.1	1,747	1,781	1,927	2,104	2,257	2,415	2,518	2,554	2,827
Billing Operations									
CCE Customer Care O&M Costs	293	299	305	311	318	324	330	337	344
All Other Cost of Service Items	(1,849)	(1,537)	(1,115)	(589)	(216)	82	373	637	899
Cost of Service- Attachment 124.1	(1,556)	(1,238)	(809)	(277)	102	406	704	974	1,242
Banner Cost of Service	-	-	-	-	-	-	-	-	-
Total Cost of Service Difference	(3,179)	(2,601)	(1,889)	(1,004)	(373)	142	636	1,105	1,550
CCE Customer Care O&M Costs Difference	0	0	(0)	(0)	(0)	(0)	0	(0)	(0)
All Other Cost of Service Items Difference	(3,179)	(2,601)	(1,889)	(1,004)	(373)	142	636	1,105	1,550
Banner Cost of Service Difference		-	-	-	-	-	-	-	
Total Cost of Service Difference	(3,179)	(2,601)	(1,889)	(1,004)	(373)	142	636	1,105	1,550
Average Customers	959,757	968,338	977,113	987,030	996,311	1,005,709	1,015,228	1,024,868	1,034,633
Change in Average Cost Per Customer- including Banner impact	(3.31)	(2.69)	(1.93)	(1.02)	(0.37)	0.14	0.63	1.08	1.50