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June 24, 2009

Erica M. Hamilton
Commission Secretary
BC Utilities Commission
6th Floor 900 Howe Street
Box 250
Vancouver, BC V6Z 2N3

Dear Ms. Hamilton:

Re: FortisBC Net Metering Tariff Application Order No. G-43-09

Enclosed please find the final submission by Resolution Electric Ltd.

Regards,

John Cawley AScT
President
Resolution Electric Ltd

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The BC Government 2002 Energy Plan encouraged the electrical utilities to develop and introduce a Net Metering tariff program. This message was reiterated again in the 2007 BC Energy Plan – A vision for clean energy leadership.

This document describes an ambitious plan to introduce 100,000 solar roof tops throughout BC. Page 24 Quotes “The BC Sustainable Energy Association is leading a project which targets installing solar water heaters on 100,000 roof tops across British Columbia”

This message was again emphasized in Appendix A of the same document but with the inclusion of the Photo Voltaic technology. The document titled “Energy in Action” states; “100,000 solar roofs for BC – The minister of Environment and Energy, Mines and Petroleum Resources are sponsoring the development of a plan that will see the **aggressive adoption** (bold by Resolution) of solar technology in BC. The goal of the project is to see the installation of solar roofs and walls for hot water heating and **photo voltaic electricity generation** (bold by Resolution) on 100,000 buildings around BC”

In Resolution IR#1 Q7.1

Have FortisBC considered engaging the Power Sense department to work with the BC Government regarding introducing stimulus for Renewable Energy generation?

In response FortisBC identified the provincial LiveSmart BC program already offers incentives for solar.

These incentives are amount to \$260 per kW installed generation which equates to approximately 2.6 per cent, using the FortisBC estimates of \$10,000 per kW installed Photo Voltaic solar generation.- This will not stimulate “aggressive adoption” of the solar technology.

In Resolution IR #1 Q5.1 and Q5.2

Discusses the subject of Net Metering site inspections and the personnel completing the inspections.

FortisBC indicated that Protection and Control Technicians or Professional Engineers would perform the site inspections. The cost of this service would be capped at \$500.

Considering an electrical permit from the BC Safety Authority would be required to perform the installation work at a cost of approximately \$670 for a 2.5kW Photo Voltaic system it could be questioned what value there is in performing the inspection by two different inspection bodies, with a potential cost of \$1160.

FortisBC have not specified the measuring instruments for which an inspection would be performed, therefore further clarification should be sort from FortisBC with respect to this inspection.

In Resolution IR #1 Q4.1

Will FortisBC consider a customer request to install two meters to facilitate separate measurements for customer consumption and customer generation? In response FortisBC indicated that nearly all cases a single meter would be used.

Resolution Electric understands that this single meter would satisfy the Net Metering requirements, however customers should be given the option to complete the initial install which would provision for a possible future Feed in Tariff system of compensation. These Feed in Tariff measure the total generation output feeding into the Electrical Grid system, a second meter measures the Electricity consumption taken from the grid.

If the Government of BC is truly committed to an “aggressive adoption” of the solar technology then the Feed in Tariffs system would be the preferred stimulus method.

To summarize, Resolution Electric recognize that FortisBC have made good measures for implementing the Net Metering Tariff rate. This Net Metering rate will lay the foundation to which any future incentives could be based upon.

Resolution Electric agrees with FortisBC regarding the negligible costs associated with the adoption of the Net Metering rate and that the general customer base will not see any significant cost increases. Resolution Electric also concurs with FortisBC comment regarding the limited expected sign up for the program under the present stimulus package offered by LiveSmart BC and the Government of BC.

It is also respectfully noted that while FortisBC have endeavored to promote efficient use of electricity, the leadership role to promote and enable cost effective implementation of Renewable Energy technology rest primarily with the Government of BC.

Resolution Electric Ltd. is of the opinion that the FortisBC Net Metering Document (Exhibit B1) submitted on April 28 - 2009 is in keeping with the Government of BC Energy Plan for electricity self sufficiency and should therefore be accepted on this basis.

Yours truly,

John Cawley ASCT.