

# **Resource Planning Advisory Group (RPAG)**

Mike Hopkins

Senior Manager, Price Risk & Resource Planning

# RPAG Purpose and Objective

## **Purpose:**

- Inform and update stakeholders on our future energy needs
- Get input and feedback from stakeholders on resource planning
- Present view points, develop ideas, consider critical issues
- Provide timely information and analysis
- Represent the interests of stakeholders

## **Objective:**

- Help develop a more informed and robust resource plan

# RPAG Roles and Responsibilities

## **FBC:**

- Facilitate meetings and lead discussions
- Provide agendas, topics and background material
- Record and circulate meeting notes
- Record and consider suggestions and stakeholder input
- Provide planning updates and manage communications

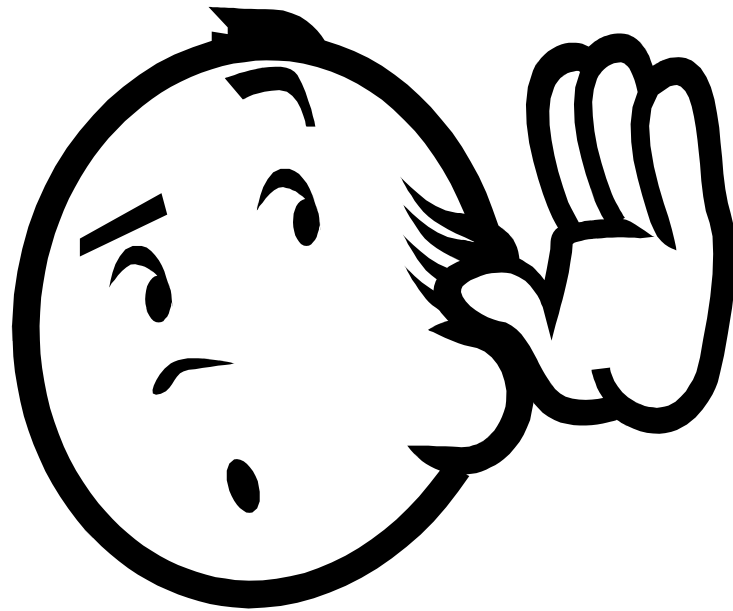
## **Stakeholders:**

- Provide feedback and advice
- Raise issues and suggest solutions
- Bring forth ideas beneficial to all
- Keep topics within the scope

## **BCUC Staff:**

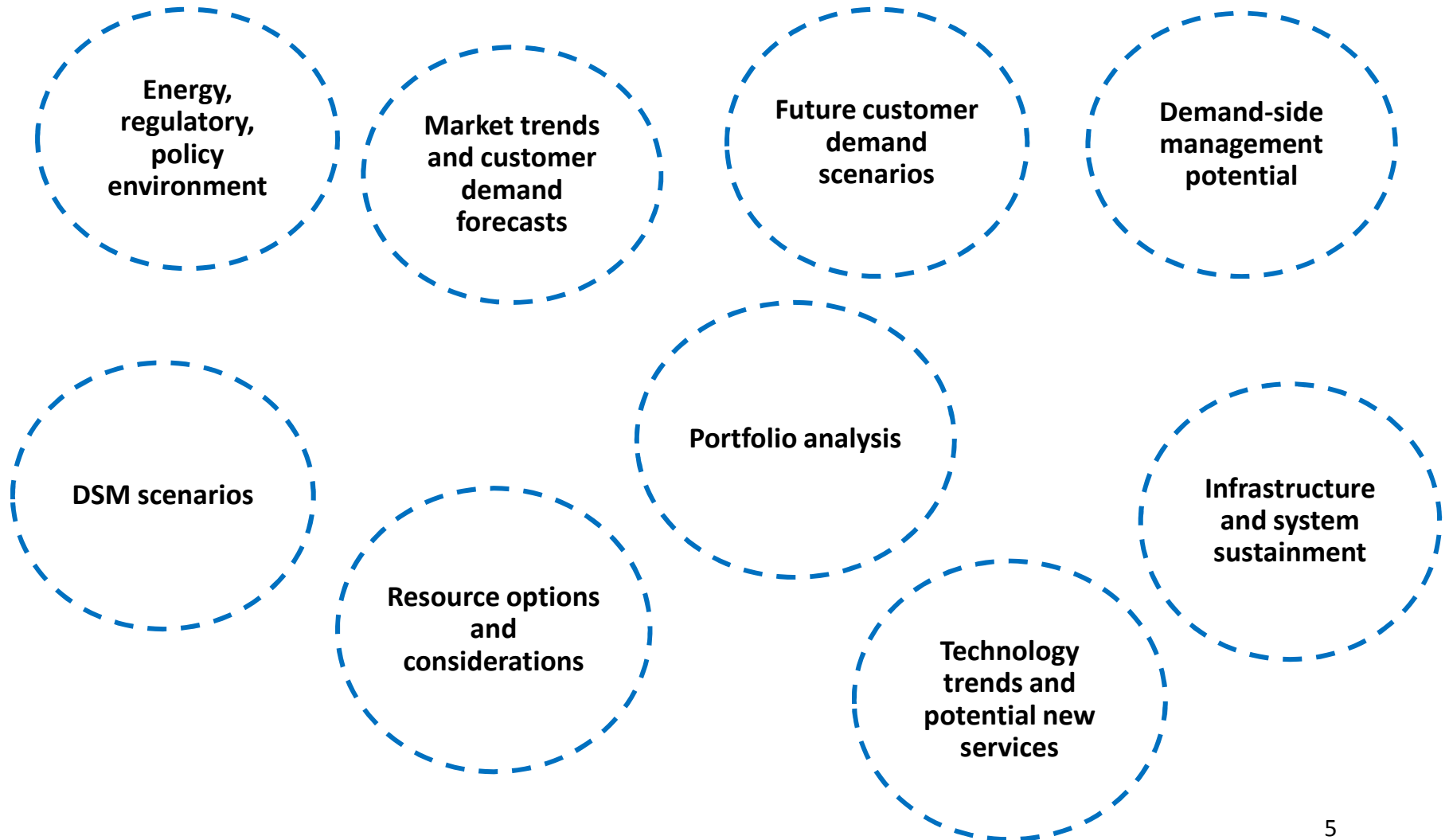
- Participate impartially
- Gain understanding of issues to aid BCUC in reviewing LTERP
- Share expertise in regulatory and legislative requirements and precedents

# We want to hear from you !



# RPAG Scope

Understand, review and comment on aspects of the LTERP



# Terms of Reference (ToR)



- *Any feedback on the ToR document?*
- We will be finalizing it at the end of 2014

# Long Term Resource Planning

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## Question for the RPAG

*Have we captured everything that we should?*



# LTERP Purpose and Objectives

## **Purpose:**

- Framework to guide FBC over the next 20 years in meeting customers' electricity needs

## **Objectives:**

- Ensure cost-effective, secure and reliable power for customers
- Provide cost-effective demand-side management and other savings
- Consistency with provincial energy objectives (e.g. applicable *Clean Energy Act* objectives)

# *Utilities Commission Act (UCA)*

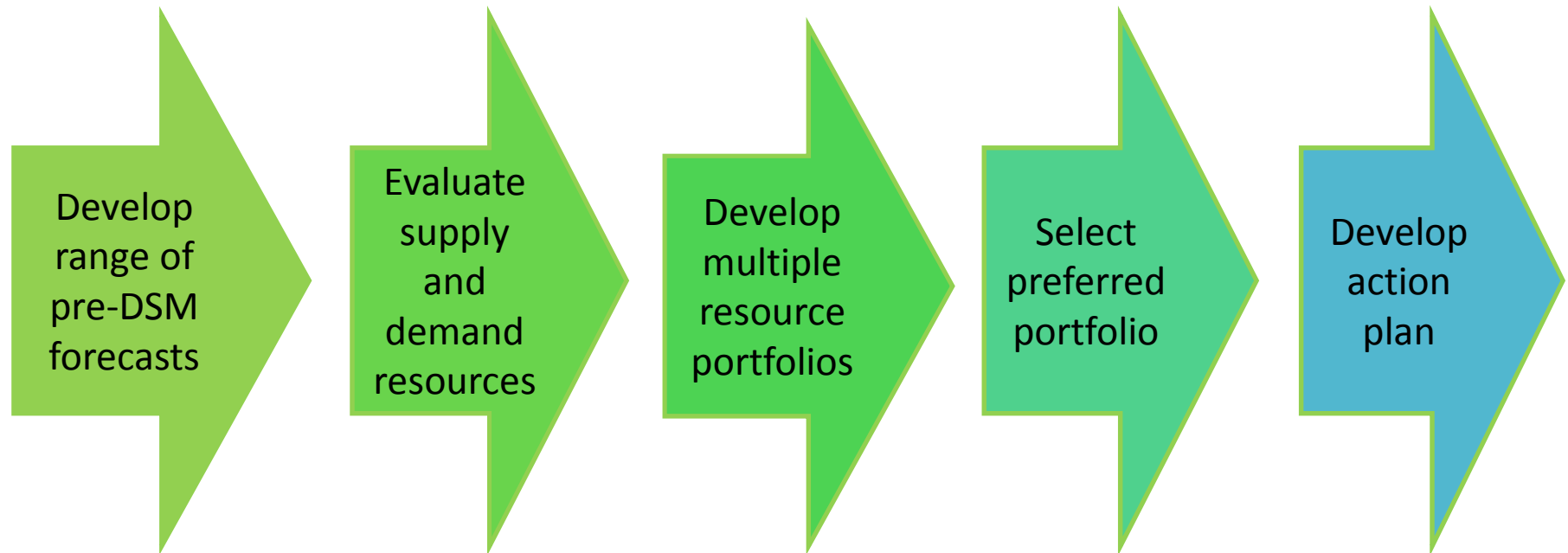
## **Utility requirements - Section 44.1(2):**

- Demand forecast before and after DSM
- Identify resources required to meet demand
- Explain why any required demand not met with DSM

## **BCUC Considerations - Section 44.1(8):**

- BC energy objectives and *CEA*
- Adequate, cost-effective DSM
- Interests of stakeholders

# BCUC *Resource Planning Guidelines*



- Stakeholder and BCUC input
- Consider government policy

# BC *Clean Energy Act* Objectives

## **Electricity self-sufficiency at low rates:**

- To achieve electricity self-sufficiency by 2016
- To be a net exporter of electricity from clean or renewable resources
- Ensure BC Hydro rates among the most competitive in North America
- Ensure BC Hydro rate payers receive benefits of heritage assets

## **Harnessing BC's clean power to create jobs:**

- Generate at least 93% of BC electricity from clean or renewable resources\*
- Encourage economic development and creation/retention of jobs
- Foster development of First Nations and communities through development of clean or renewable resources

## **Strengthening environmental stewardship:**

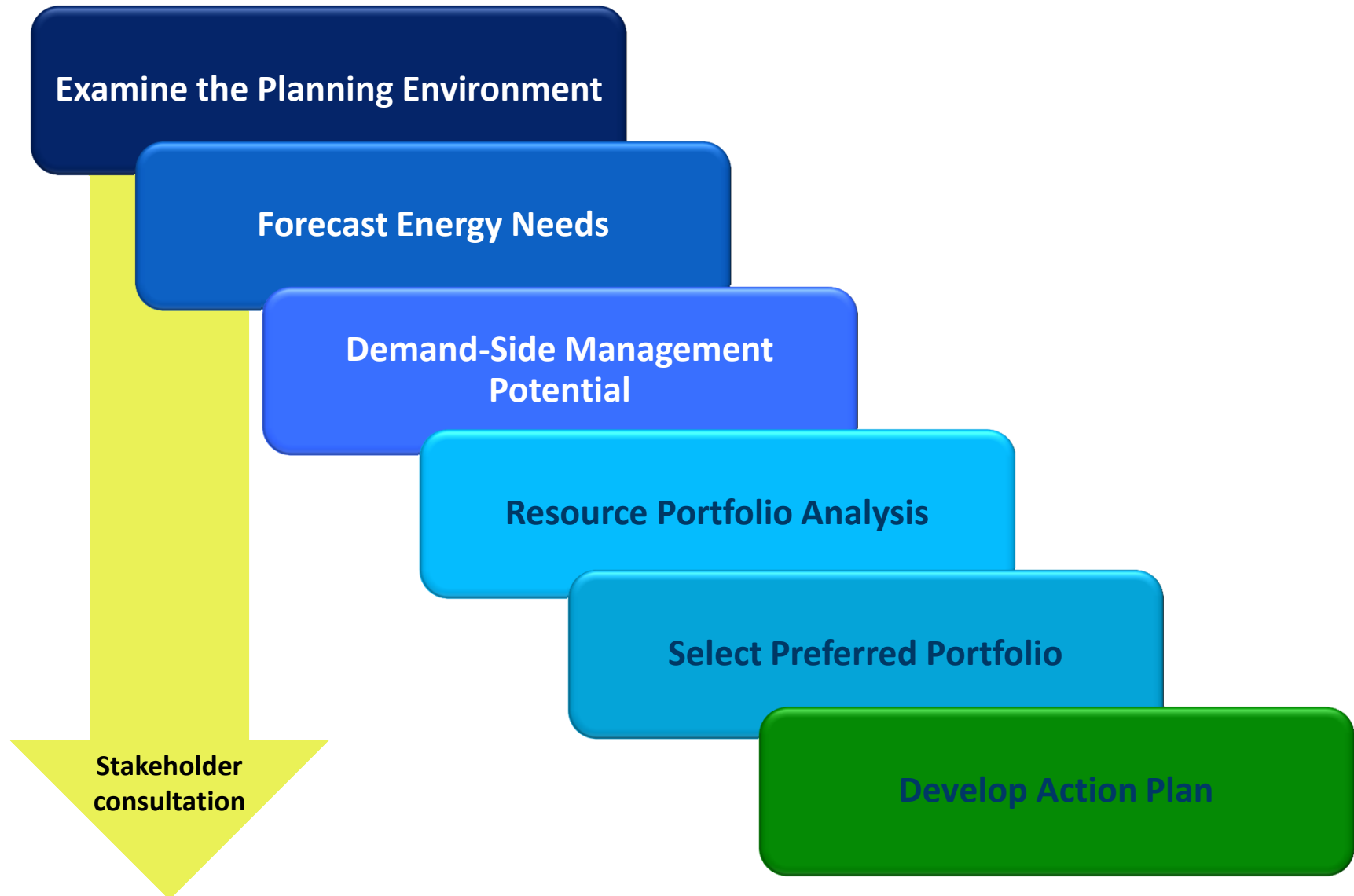
- Reduce BC greenhouse gas emissions
- Take demand-side measures and conserve energy
- Reduce waste by encouraging use of waste heat, biogas and biomass

*\*Includes biomass, biogas, geothermal heat, hydro, solar, ocean, wind or any other prescribed resource*

# BCUC Directives from 2012 Plan

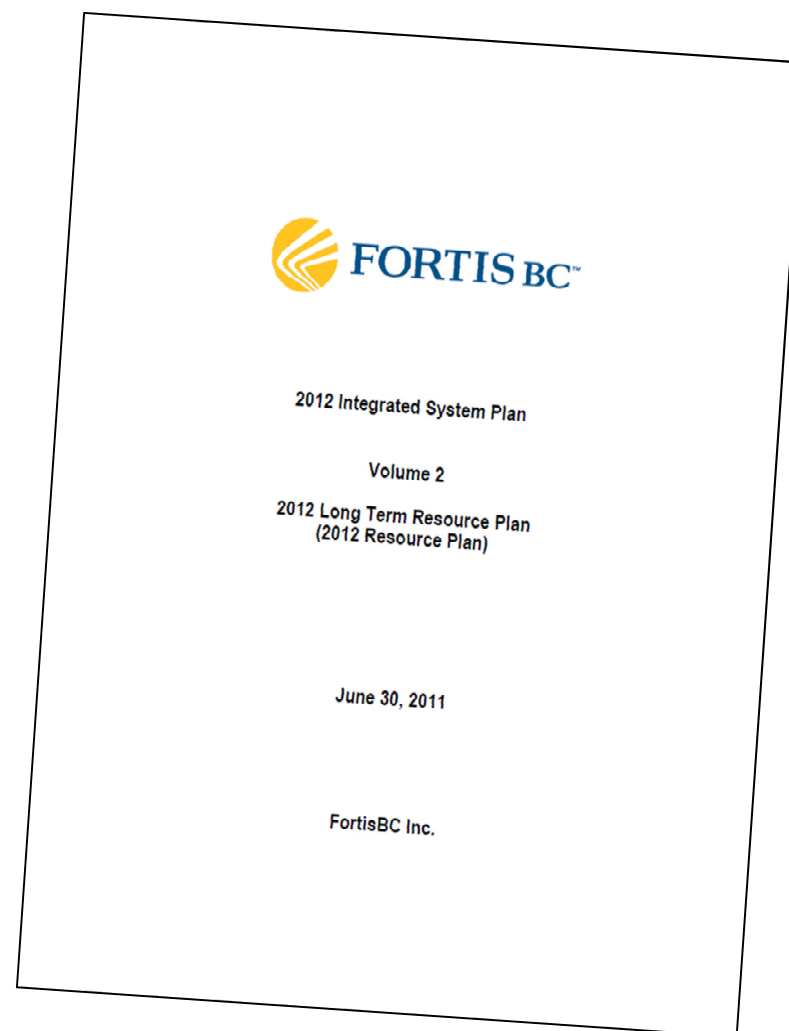
- File next plan by June 30, 2016
- Develop full portfolio analysis
- Denied 2012 Planning Reserve Margin (PRM) request

# Long-Term Resource Planning Process



# Long Term Electric Resource Plan

- FBC submitted its last plan to the BCUC in June 2011 as part of Integrated System Plan
- BCUC accepted the plan in August 2012
- FBC plans to submit the next one in June 2016 with Long Term DSM plan

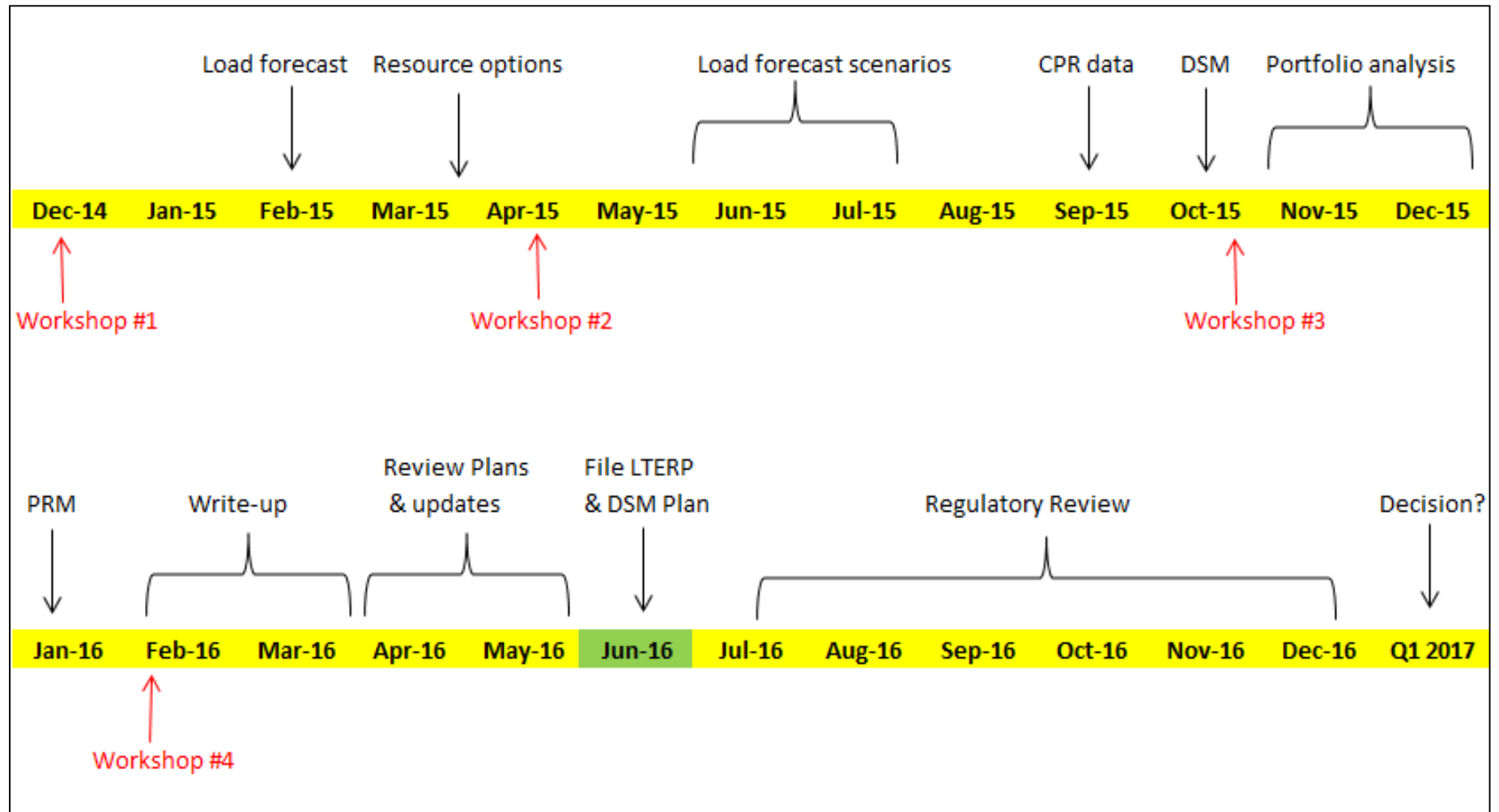


# Stakeholder Consultation – Community Workshops

- Kelowna, Osoyoos, Rossland – Oct.28-30, 2014
- Attendees included municipalities, school districts, universities and colleges, housing developers, city planners
- Communities interests/concerns:
  - reducing energy usage and GHG emissions
  - energy priorities: reliability and reducing cost first, then being “green”
  - EEC programs incentives: more awareness, shorter paybacks



# Draft Timeline



# Discussion & Questions