Electronic Transfer of Utility Data Project

*Update May 2013*

Climate Action Secretariat

Shared Services BC – Carbon Measurement & Reporting
Climate Change is Real

- Climate Change is real
- It’s mostly caused by humans
- It’s getting worse...
- There is hope if we take action
- BC’s Public Sector Organisations are providing Leadership
Enable the automated transfer of public sector organisation utility data, into SMARTTool, the Province’s greenhouse gas measurement and reporting system.
Context

- **Requirement to report greenhouse gas emissions under the *Greenhouse Gas Reductions Target Act***
- Compiling utility data and submitting it to SMARTTool can be time consuming
- **Recommendation from 2011 engagement of public sector organisations**
- **Project is an identified priority** of the Carbon Measurement Advisory Committee
  - (which has representation from all public sector organisation sectors)
Context

- Project Partners:
  - BC Hydro
  - Fortis BC
  - BC Ministry of Environment, Climate Action Secretariat
  - Shared Services BC, Carbon Measurement and Reporting
Anticipated Benefits

- **Reduce demands on PSOs** to collect, transpose, verify and upload energy consumption data provided by utilities.
- **Improve data accuracy** entered into SMARTTool
- **Improve timeliness** and **audit trail** of data transfer
- **Lower third party verification costs** *(where applicable)*
- **Free up PSO staff time** to spend more time on data analysis and energy conservation activities.
Status

- Phase 1 - Initiation
  - Complete

- Phase 2 - Analysis
  - 95%

- Phase 3 - Solution Design
  - 80%

- Phase 4 - Implementation Preparation
  - May-June 2013
• Phase 5 - Application Build /Configuration/ Testing  
  ▪ June-Oct. 2013

• Phase 6 - Pilot Rollout to PSOs  
  ▪ Sept-Nov. 2013

• Phase 7 - Rollout Implementation  
  ▪ Nov. 2013

• Phase 8 - Onboard PSOs  

• Phase 9 - Ongoing Enrollment, Maintenance and Operations  
  ▪ Mar. 2014 - Ongoing
Applicability

- **Project is a voluntary option** available to PSOs.
- The ‘fit’ and ‘usefulness’ of the electronic data transfer will vary depending on the characteristics of the PSO
  - E.g., PSOs include organisations with one utility bill to organisations that have hundreds of bills.
Questions

- Mandatory or Voluntary?
  - Voluntary. Agreement will need to be signed before electronic data transfer may occur

- Security
  - Data Storage
  - Data Transmission

- Testing and PSO Involvement

- Potential future phases (e.g. Benchmarking)

- Others?... Please let us know
Follow-up Questions

For follow-up questions:
climateactionsecretariat@gov.bc.ca

Kym Thrift, Team Lead/Sr. Analyst,
Climate Action Secretariat, 250-387-9981

Ron Colquhoun, Sr. Business Analyst,
Carbon Measurement and Reporting, 250-952-8390