

Electronic Transfer of Utility Data Project

Update December 2013

Climate Action Secretariat

Shared Services BC – Carbon Measurement & Reporting

Agenda

Context

Status

PSO/LG Questions

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**

Project Purpose

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 for greenhouse gas emissions reporting can be time consuming
- Recommendation from 2011 engagement of public sector organisations
- Project has been an identified priority of the Carbon Measurement Steering Committee
- Recent CNG survey of PSOs/LGs offered strong support for EDX

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/LGs** to collect, transpose, and upload energy consumption data provided by utilities.
- **Reduce ad hoc demand** from PSOs/LGs for electronic data/account history reports
- **Improve data accuracy** entered into SMARTTool
- **Improve timeliness** and **audit trail** of data transfer
- **Lower third party verification costs** (where applicable)
- **Free up PSO/LG staff time** to spend more time on **data analysis and energy conservation activities.**

Status

- **Phase 1 - Initiation**
 - Complete
- **Phase 2 - Analysis**
 - Complete
- **Phase 3 - Solution Design**
 - Complete
- **Phase 4 - Implementation Preparation**
 - Sep 2013 - Apr 2014

Status*

- **Phase 5 - Application Build /Configuration/ Testing**
 - Sep 2013 - Apr 2014
- **Phase 6 - Pilot Rollout to PSO/LGs**
 - May-July 2014 (to be confirmed)
- **Phase 7 - Rollout Implementation**
 - Summer 2014
- **Phase 8 - Onboard PSO/LGs**
 - Summer-Autumn 2014
- **Phase 9 -Ongoing Enrollment, Maintenance and Operations**
 - Autumn 2014- Ongoing

**Project implementation and timing contingent upon resourcing and funding.*

BC Hydro resourcing and funding is at some risk of not meeting the project schedule.

Applicability & Enhancements

- **EDX is a voluntary option** available to PSO/LGs.
 - Ideal for those who receive/pay invoices for natural gas and electricity use (i.e., energy/utility account holders)
- **Administrative Screens will be available to all PSOs/LGs**
 - Manage EDX agreements
 - Add/modify emission sources
 - E.g. Add/Modify buildings, areas, addresses, lease start/expiry dates
 - Produce reports of PSO/LG configuration/reporting structure

Questions

- Security
 - Secure FTP Site
- Protection of Privacy
- Agreements:
 - Utility & Province
 - Public Sector Organisation & Province
- Pilot and PSO/LG Involvement
- Potential future phases (e.g. Benchmarking)
- Others?... Please let us know

Follow-up Questions

For follow-up questions:
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