

# CDM Forecasting Initiative

March 22, 2011

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Load Forecasting



# Key messages from February 10, 2011 stakeholder session

- As recommended by stakeholders, a 3<sup>rd</sup> party study on CDM impacts is not required
- Hydro One will review what CDM categories other utilities in North America are using in their load forecasting process
- Hydro One will work with the OPA to better define and forecast CDM impacts
- Intervenors are interested in more details of CDM impacts on charge determinants in our TX rate application and CDM impacts on customer rate classes in our DX rate application

# Action plans

1. Determine the appropriate CDM categories for use in load forecasting by Hydro One
2. Prepare detailed bottom-up CDM forecast using available information consistent with the new OPA IPSP to be filed in 2011
3. Prepare detailed evidence of CDM impacts on rate classes in future rate applications

# Action Plan #1: Determine CDM categories for use by Hydro One

- Hydro One will review the CDM categories used by other utilities
- This review will include California, New York, British Columbia
- Hydro One will work with the OPA to better understand the CDM categories they plan to use in the 2011 IPSP
- Hydro One will undertake a survey on CDM categories, including estimation methodology

# Action Plan #1: Schedule

## Task

## Milestone

**2nd stakeholder session**

**22-Mar-11**

**Review rate application evidence on CDM  
from selected utilities**

**15-Apr-11**

**Finalize CDM survey questionnaire**

**15-Apr-11**

**Tabulate CDM survey results**

**6-May-11**

**Document CDM survey results**

**31-May-11**

**Assess alignment with OPA's IPSP**

**June 2011**

## Action plan #2: Prepare a bottom-up CDM forecast

- Hydro One met with the OPA to discuss OEB requirements and intervenor expectations
- Hydro One will review historic CDM achieved to date
- Hydro One will take into consideration OPA, LDC and other CDM categories to develop forecast

## Action plan #2: Prepare a bottom-up CDM forecast

- Hydro One will ensure consistency with the new IPSP to be filed in 2011
- Hydro One will examine detailed CDM impacts by category and by sector (residential, commercial, industrial)
- Hydro One will align the CDM forecast with the OPA on monthly energy and peak and hourly profile of CDM impacts

# Action Plan #2: Schedule

## Task

## Milestone

**Meeting with OPA to discuss OEB  
requirements and intervenor expectations  
Assess CDM impacts by category  
Assess all CDM impacts**

**11-Mar-11  
April - June 2011  
30-Jun-11**



## Action plan # 3: Provide detailed evidence of CDM impacts in future rate applications

### TX rate application

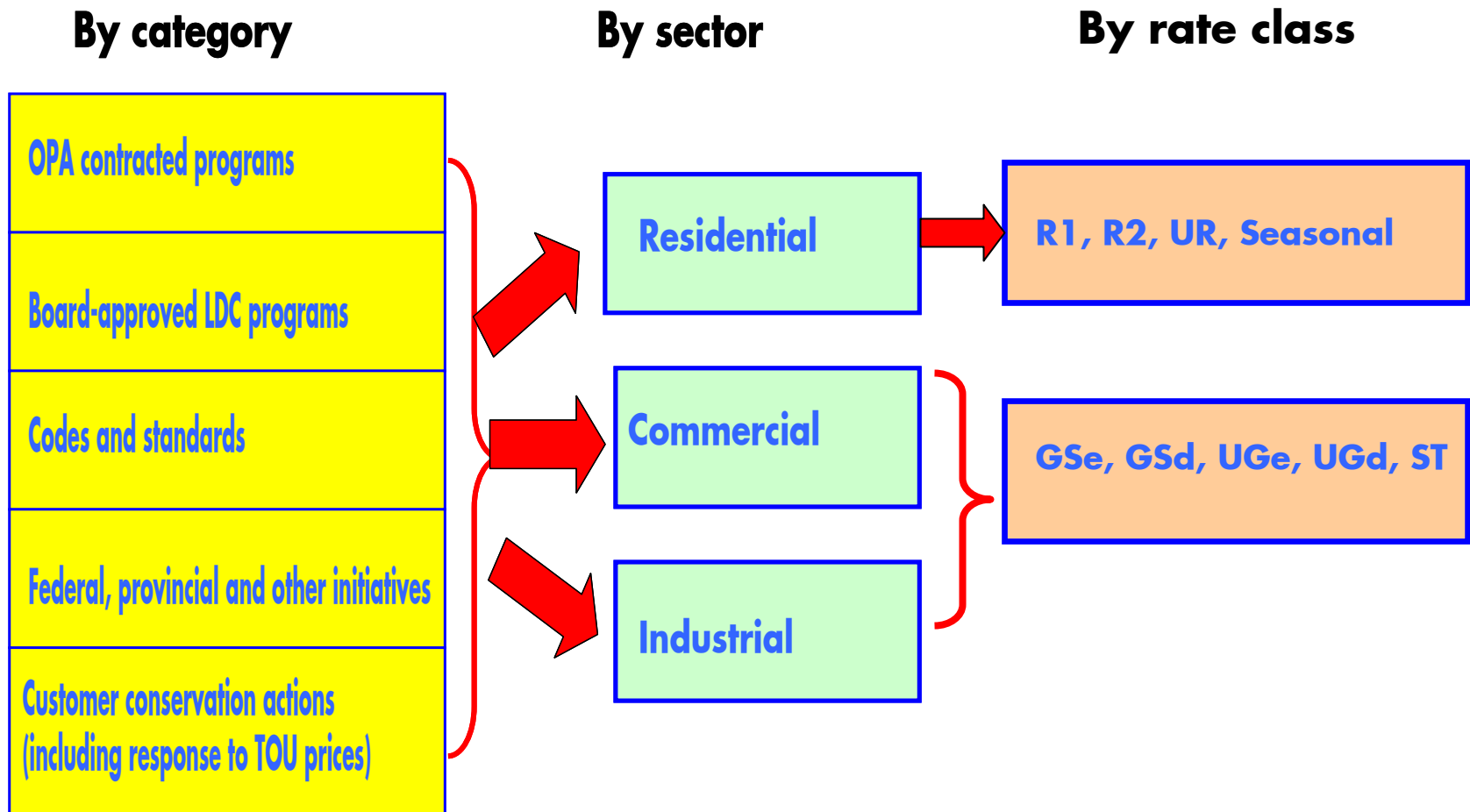
- Hydro One will provide detailed breakdown of CDM impacts by category and by sector
- Hydro One will document how we use the above information to estimate the charge determinant forecast

## Action plan # 3: Provide detailed evidence of CDM impacts in future rate applications

### DX rate application

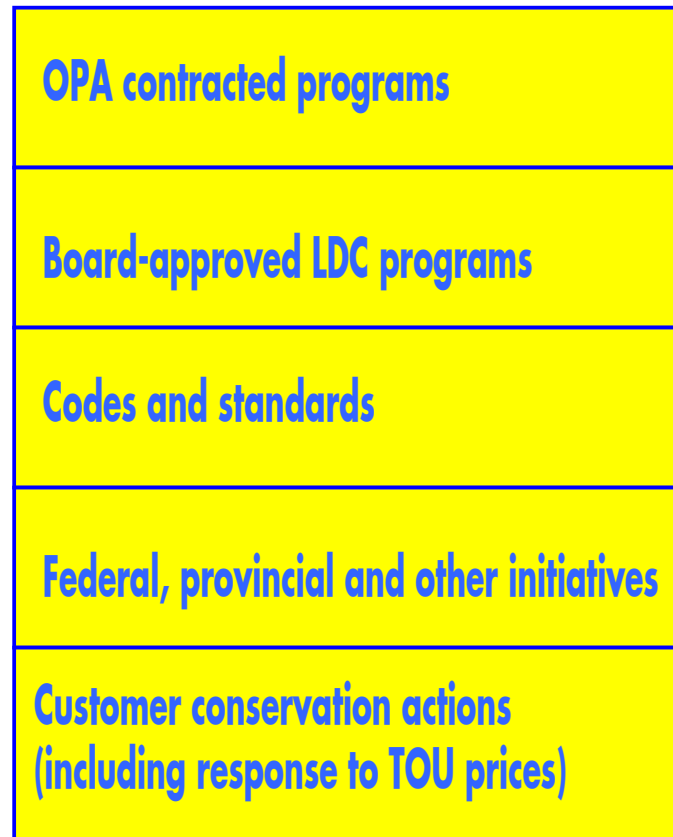
- Hydro One will provide detailed breakdown of CDM impacts by category and by sector
- Hydro One will document how we use the above information to estimate customer rate class forecast

# Proposed data collection framework for DX

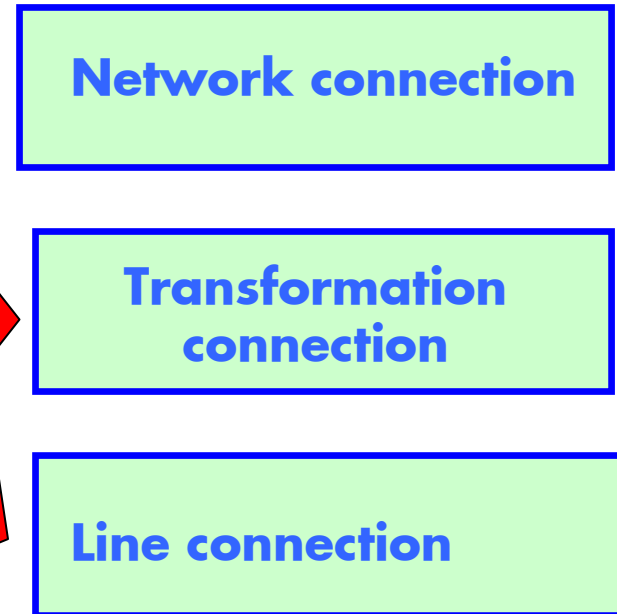


# Proposed data collection framework for TX

## By category



## By charge determinant



# Action Plan 3: Schedule

Task

Milestone

**Preliminary CDM impacts by customer rate class**

**31-Jul-11**

**Finalize CDM impacts by customer rate class**

**31-Aug-11**