



Ontario Energy Board

Commission de l'énergie de l'Ontario

OEB COST ALLOCATION REVIEW

Data Requirements for Load Profiles
by Rate Classification

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Approved 2006 Rate Classifications

- OEB filing model will incorporate all approved 2006 rate classifications
- Each LDC will be required to input appropriate supporting load profiles (to be used when allocating demand-related costs between rate classifications)
- Informational filings will illustrate the effect of a potential rate classification change(s)



Approved 2006 Rate Classifications

- Chair indicates that focus will primarily be on existing rate classifications

The present project will not examine:

- Rate classification boundary issues
- Mandatory GS intermediate customer boundaries
- Voltage-based rate classifications
- Design of stand-by rates



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Source of Generic Load Data

Ontario Load Data Research Group has collected new generic load data for:

- 1) Residential Customers
- 2) GS>50 Customers



Preparation of Utility Load Profiles

To create new utility-specific load profiles from generic load data collected, LDCs must also:

- 1) Provide appliance saturation mix for local residential customers – via survey or kWh estimate
- 2) Provide information on industry groupings for local GS>50 kW customers
- 3) Provide other information as required by load data analyst



Specialized Rate Classifications

Reliable load profiles will be required for the various approved specialized rate classifications:

- for density and seasonal residential customers, can apply generic data but must also provide updated appliance survey information
- for each specialized rate classifications (small commercial, water sewage treatment plant, polyphase, etc.), LDC must provide required load data



Zonal Rates

Load data will be required for geographically discrete rates (e.g. from acquired LDCs), unless:

1. Harmonization approved as part of 2006 or earlier rates application;
2. Specific commitment for harmonization in 2006 rates application; or
3. Specific commitment for harmonization as part of any MADDS approval by the time of the cost allocation filing



Stand-by Rates

These will be examined in separate forthcoming distribution rate design initiative

- Load profile information required as part of HONI instructions
- OEB filing model will accommodate LDCs with approved stand-by rate classes or charges



Limited Rate Classification Changes

Chair's March 9th 2005 letter explicitly advised stakeholders that the Cost Allocation Review will be based “**primarily on the existing rate classifications**”

- approved rate classification changes will be built into filing model
- all distributors will be required to file a second run of the model reflecting above
- third run of model optional for LDCs



Rate Classification Changes to be Modelled

- 1) Addition of mandatory embedded LDC rate classification
- 2a) Addition of Large User Class (where the LDC has a customer with demand of 5000 kW plus)
- 2b) Optional Merging of Large User Subclasses, or Large Users and Directs
- 3a) Legacy “TOU” rates to be eliminated



Rate Classification Changes to be Modelled

3b) For legacy “TOU” GS>50 classification –

- rename as GS “Intermediate” where based on traditional 10% test
- roll over to new classification where LDC has discrete demand boundaries (e.g. 1,000 kW to 3,000 kW)
- otherwise merge with GS>50 kW

4) Merge current sentinel light classification with photo-sensitive UMSLs

5) Create new classification for remaining UMSLs

