



Ontario Energy Board

Commission de l'énergie de l'Ontario

Overview of Load Data Requirements

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Use of Load Data

Load data is a required key input to the upcoming cost allocation model

Load data will be used to fairly allocate demand-related costs between the various rate classifications of each distributor

Experts and working group confirm other valuable uses of good load data

- useful for assessing effectiveness and planning of CDM initiatives
- useful for distribution system planning
- valuable for load forecasting
- provides baseline for future rate design



2003 OEB Directions

- In the Fall of 2003, the Board issued Directions for all distributors to start collecting updated load data for future cost allocation studies
- Reliable load data generally required for all rate classifications of the distributor
- Board approved residual for GS<50 kW to reduce costs



Ontario Load Data Research Group

Board approved co-operative load data research program proposed by 40 plus LDCs

For $GS > 50$ kW, pooled results of thousands of existing interval meters

For residential class, installed 500-600 sample interval meters across the Province for 14 month



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Other sources of updated load data

Responses to 2006 Load Data Questionnaire suggest that **no** other LDCs systematically collected updated load data aside from co-operative group

LDCs do have additional interval data for certain classes (e.g. Large Users or Residential Interval classifications)

During Phase 3 working group meetings, some LDCs across Province agreed to pool data regarding unmetered scattered loads



Analysis of Load Data

HONI load data team is currently completing generic load data results

HONI will use best efforts to process generic results into LDC-specific load profiles for use in model



Further information required from distributor

Each distributor must provide further information before HONI team can generate appropriate LDC-specific load profile from generic data

Prompt and accurate replies to HONI team essential to ensure planned informational filing dates met
(October 2006- February 2007)

HONI team ready to start work on LDC-specific load profiles starting around mid-May



Responses to Load Data Questionnaire:

- To date, about 50 LDCs have confirmed will use new appliance saturation survey results to improve the accuracy of their load data profiles
- Statistical tests have been developed to facilitate joint approaches where justified; final number of LDCs using survey results may increase

Load Profile Analysis Targets

- To facilitate orderly and timely load data analysis, Board Staff have identified a group of LDCs to start working with HONI team in May
- Target dates for all other LDCs' utility-specific information ready to be set out
- LDC must advise CAreview@oeb.gov.on.ca ASAP of any change to responses to March Load Data Questionnaire

