OEB Cost Allocation Working Group - Agenda Week 4

Date: Wednesday April 9, 2003 (9:30 a.m to 3:15 p.m.)
Place: North Hearing Room, 25th Floor, OEB Offices, 2300 Yonge Street, Toronto

Schedule:

9:30 to 10:30

1) Use of Coincident Peak v. Non-coincident Peak - Tentative Conclusions
   - Preparation: please read draft notes prepared by Bill Harper (circulated last week) discussing i) when use of CP should be allowed as an option, and ii) when use of 12 NCP may be desirable
   - Goal: Approval of tentative recommendations on this topic

2) For what length of time should sample load data be collected?
   a) please consider pros and cons of using 12 months as sample period (as recommended at page 178, NARUC Electricity Cost Allocation Manual) Discussion will be kicked off by Hydro One
   b) if one year of data is to be used, should weather normalization be considered?
   c) overview of pros and cons of using pre-existing load profiles (based on discussion in AEIC Load Research Manual, page 9-11)

10:30 to 10:45 - Morning break

10:45 to 12:00

2) Collection of Interval or Non-interval load sample data (30 minutes)

   - Discussion kicked off by Paula Zarnett
   - Suggested preparation: Please consider whether interval data is necessary to determine both the class and customer NCP (which was recommended in week II)

3) Introduction to types of sampling meters (45 minutes)
   - Discussion kicked off by Newmarket (with presentation by metering specialist)
   - Recommended reading: Chapters 3 and 5, AEIC Load Research Manual 2nd Ed

12:00 to 12:45 - Lunch (to be provided)

12:45 to 1:50

4) Metering Implementation Issues

- Kickoff of discussion by Milton, Veridian, and Thunder Bay
- Preparation: If your utility is interested in collecting some sample load data, please consider what technology it might use and how long it might take to install
- Please consider any viable option (such as AMR) which will gather the data required
- When preparing time estimates, please budget for customer solicitation time

1:50 to 2:00 - Afternoon stretch break

2:10 to 3:15

5) Overview of practical issues in gathering load survey research (30 minutes)

- Roundtable discussion:
- a) Please come prepared to share experience with different software (e.g. MV 90) available to analyze load data (see page 3-12, Load Research Manual). What problems exist if two utilities want to share load data but use different software?
- b) If a utility wants to install a sample meter on top of an existing billing meter, what should be done to reconcile the data?
- c) The literature indicates the following additional issues may arise:
  - Summation of class loads may not equal recorded system demand, so some type of adjustment will be necessary (see page 7-18, AEIC Load Research Manual).
  - How will incomplete data be handled (see page7-23, AEIC Load Research Manual)?
- d) Are there others practical problems utilities should be aware of (please identify issues; detailed discussion can occur later, if needed).

6) Can and should the load profile of one class be determined as a residual? (i.e. after other classes sampled accurately or individually metered) (35 minutes)

- Kickoff of discussion by London (also read page 9-8, AEIC Load Research Manual)
- How can the Board and other stakeholders assess the extent of cost savings from allowing this approach?
- If this method were to be allowed, which class (residential or General Service) does it make more sense to leave as the residual?
- If GS were chosen as the residual, what would happen if a utility later wanted to introduce a new GS subclass?