

EE SAG
Technical Advisory Subcommittee
April 13, 2010

Planning Assumptions:
Similarities and Differences Across Administrators
Discussion Topics

Objective: Discussion of planning tools and data for 2011 – 2014 EE Portfolios

- Same across administrators?
- Different, if so, why?

Planning Tools

- **Cost-Effectiveness Analysis Tool** – will administrators all be using DSMoore for cost-effectiveness analysis?
 - Same version and identical software or modified differently for each?
 - Electric Avoided costs – how derived? Will they be public?
 - Gas Avoided costs – how derived? Will they be public?
 - Carbon Adders – how derived? Will they be public? How will carbon adders be applied (to avoided costs, program costs?)
 - Avoided Costs – general questions
 - Avoided costs – will avoided costs be utility-specific, IL-based or regional (PJM, MISO?)
 - Will DSMoore be available to collaborative members or will a license agreement and/or non-disclosure agreement be required?
- **Building Simulation Model** to model savings from envelope measures and other weather-sensitive measures
 - Common building simulation model (such as DOE-2)?
 - Has the proposed building simulation model been certified by DOE or field-calibrated in some manner?

Data

- **Common Technical Resource Manual (TRM)?**
 - Will costs, savings, EULs, IMCs, etc. be memorialized in TRM? If not, what form will measure-level data be memorialized?
 - Are there going to be deviations to any TRM input assumptions, and/or measures? If yes, how will the deviations be justified and decided upon?

- Will the TRM or measure-level assumptions be available before the October filing? When?
- **Non-Weather Sensitive Measure**
 - Will costs, savings, EULs, IMCs be identical across administrators?
- **Weather sensitive Measures**
 - How many “prototype” houses are being modeled?
 - How were the housing types selected?
 - What is planning assumption for cooling & heating degree days?
- **Discount rate?**
 - What is each using?
 - What is basis for?
- **Measure Definitions & Operational Characteristics**
 - Same measure definitions for all end uses? If not which definitions are different and why?
 - Costs of measures broken out by rural/urban or geographically?
 - Cost of labor and installation broken out by rural/urban or geographically?
 - Impact of measures on peak and energy – separately?
 - Impact of measures broken out by peak and energy in an interactive manner (Bundled set of measures given various combinations of measures) ?
 - EULs – are they consistent?
 - Hours of operation assumptions consistent for same measure/application?
 - Estimated gross and net savings, TRC, lifecycle cost/kWh broken out by measure as well as program/portfolio?
 - Customer side/Renewable measures included?
- **Measure-Level Cost Data Updated Based on Program Experience?**
 - Updating measure-level costs with actual program data?

Load Forecasting

- Will each utility use a load forecast in their planning process?
- If so, will each used their own forecast or will forecasts be combined or might there be a statewide forecast?
- Will the collaborative be allowed access to the forecast?

(Crandall note: I am not sure if a load/energy forecast will be used however, it could be quite useful to target/design incentive levels for programs and thereby enhance effectiveness for dollars spent. This may not be covered by the market potential study.)