

**Modeling WG Call Summary**  
**February 23, 2011, 3:00 ET**

**Attending:** Stan H., Denis B., Doug K., Bob S., Mary Ellen, Doug G., Paul McC., Maryam S., Tyler R., Michael G., Samir S., Jeff B., Hisham C., Ryan K., Catherine M.

NOTE: Action Items noted in **BOLD**

Review approach to monitor data inputs for Futures and Sensitivities (see attached)

1. **Stan will create a stand-alone document on Google docs that combines the data from Tyler's task assignment spreadsheet to Samir's format to make sure it is complete. Each subteam will be responsible for updating the status of the tasks.** For clarification, Red indicates the need for a change for an individual sensitivity; Blue means a change to the Future relative to the BAU and all Sensitivities within that Future
2. **Erin will forward to John B. to request a check by CRA to ensure it is complete**
3. Stan created a separate Google doc workbook to capture the changes for each of the Futures and the Sensitivities. The document will be pre-populated with the BAU data to be replaced as appropriate by the subteam.

Prioritize Futures – the MWG decided it is preferred to work simultaneously on all Futures simultaneously rather than one at a time. Acknowledged that many of the Futures have similar data needs

Update from Subteams

- New Generation Subteam-( Samir)
  1. Draft proposal on variable generation contribution to reserve margin will be used to get input from the PAs.
  2. Data on hydro from ORNL is expected to be ready in March but may not be ready for release; Stan will follow up.
  3. Flagged an issue on increased hydro imports sensitivity for 2 Futures. Question of how hydro from central Canadian provinces will be forced in or handled some other way, but suggests it should be handled consistently.
  
- NEEM subteams – (Mary Ellen)
  1. Develop a tentative proposal for how to handle remote resources.
  2. Looking at the question of how to handle hydro imports for 2, 3, 6; waiting for Environmental policies subteam.
  3. Continuing to discuss the implementation of the transmission expansion sensitivities and expectation for the high level transmission analysis.
  
- Demand/EE/DR – (King)
  1. Focused on the remaining BAU Sensitivities and Future 4.
  2. Clarified that the 5% points of increased EE is over the entire study period so the annual increase is .25% points or less.
  3. Ramp up of PHEV/EV of 2x, 4x and 10x may not meet the goals of the Obama Administration has set for 1 million cars by 2015. King suggests that 3x, 6x and 9x might be more appropriate. This can be raised to the SSC for guidance on mid-March SSC webinar.

4. Looking at McKinsey study for data on EE penetration and supply curve.
  5. FERC report on DR assessment is being reviewed for Future #4.
  6. RGGI Analysis by ICF did not have a supply curve for EE for New England; more of a rough cut and therefore doesn't provide more information.
  7. Looked at cost of smart metering as surrogate for smart grid; will need to conduct additional research.
- Environmental Policies (Tyler)
    1. Developed consensus recommendations for the remaining BAU sensitivities.
    2. National RPS – Defined the specific levels of renewable generation and the qualifying resources.
    3. State RPS – would still exist in the background and the federal RPS would be added on top.
    4. CES – modify RPS to a higher level (80% by 2025) and expand the definition of qualifying generation with specified credit for each; Request sent to DOE for any guidance they might have on how to characterize CES; Catherine agreed to follow up with David Meyer.
    5. Need a joint a meeting of sub-teams to determine how to approach the development of the Regional Futures; **Proposed call for Thurs. afternoon 1:30-3:00 ET coordinated by Tyler; will use Keystone's call-in information.**
    6. Researching the carbon tax levels that achieve the goals.
    7. Future 4 – preference for local resources and applying externalities for local resources – how should it be modeled.
    8. Future 5&6 – get rid of PTC and use only ITC, but not clear if it applies to Canadian resources.
    9. How to model EPA GHG rules – should it be modeled via increased generation plant efficiencies? if so it may not make any difference, and therefore might be used for some other sensitivity. Question for SPWG?
  - Existing Generation - (Doug K) subteam hasn't met yet.
  - Fuels (King) subteam hasn't met yet; will provide input on carbon price research.
  - MRN (Erin) subteam hasn't met yet; not likely that Futures will require changes in MRN; some of the data in the MRN exhibit relates to other subteams.

Identify potential issues for the March 15th SSC meeting

1. PHEV/EV levels in BAU sensitivities
2. Regional implementation approach

**Next Call: Wed., Mar. 2, 3:00 ET**