

Summary of Modeling Work Group Webinar September 10, 2012

Review of Scenario 3 and 1 Production Cost Results – Ralph Luciani, CRA

- CRA had a number of difficulties solving Scenario 3 including unit and data issues. Needed a lot of “scrubbing of the data” to make the NEEM and MAPS match. Results are being reviewed by the PAs; Some of the power flow issues identified may require a rerun but no material difference in the results are expected.
 - New England Hydro needs to be corrected
 - GA and FL interregional flows are being examined for errors in units or definition of flowgates
 - NY is evaluating the number of binding hours
 - Hydro Quebec WECC and Maritimes external imports of hydro and other sources are not shown
 - CO2 costs in Scenario 3 are only RGGI costs
 - SO2 costs disappear by 2030 because coal disappears
 - Load Shape is hourly, not load blocks like NEEM; Peak and energy are derived from NEEM and adjusted to MAPS areas using 2006 load shapes to synchronize with wind shapes which were also derived from 2006

- Scenario 1 wind volumes were also problematic and will be reviewed this week
- Report A is annual Generation data; Report B will be annual transmission with individual DC lines flows and net flow by NEEM region. Hourly data files too large to transfer by email.

NEXT STEPS:

- Next MWG Webinar – Sept. 17
- CRA is developing a method to allow transfer of very large files of hourly data to stakeholders
- MWG members should forward questions on the results to E. Hogan, D. Whiteley and C. Morris before the next MWG webinar

Submitted by C. Morris, The Keystone Center