**Notes from the BPA/Council monthly briefing on January 9, 2013**

Specifically regarding the Resource Adequacy Forum

John Fazio said that this past year’s effort by the Forum to assess the adequacy of the power supply in 2017 was successful, albeit not without some problems. He thought it would be a good idea to review that process.

He began by differentiating between the analytical methods (GENESYS) and the overall process. He identified 4 areas for discussion.

1. **Did it work?**
   1. What was good about the process?
      1. The subgroup that did the bulk of the work really worked well together
      2. The latest model enhancements really added value to the analysis
   2. What was bad?
      1. Little and disproportionate participation
      2. Delays
   3. The process and analytics are still evolving thus leading to large swings in the results - some of which are due to improved modeling, some due to better data or changes in assumptions and some due to real changes in loads and resources. John said it is important to begin to build a track record of assessments over the years to get a feel for how the power supply is changing. He said for that record, only the real changes in loads and resources should be counted.
   4. Overall John said the process worked and consensus was reached on input data, assumptions and the results.
2. **How is it used?**
   1. There are numerous groups that could use the information. The Council releases an annual assessment of power supply adequacy and also uses the standard in its Regional Portfolio Model and in the AURORAxmp model.
   2. BPA uses it for its own assessment of adequacy for the federal system and also for its resource needs assessment and to develop its resource plan.
   3. Regional utilities
   4. WECC
   5. NERC - began a pilot program to use LOLH, EUE and normalized EUE as adequacy measures across all NERC sub-regions.
   6. IEEE - John is on the IEEE LOLE working group, which focuses on adequacy assessments
   7. John thinks the link between adequacy assessment and resource planning is still rather weak for some utilities. He suggested that we survey utilities to see how they use the Forum’s results.
3. **How can we make it better?**
   1. Greater participation and more consistent participation would help
   2. Perhaps making the Forum a Council advisory committee?
   3. Solidifying the schedule for analytical and review processes to produce an annual assessment on a consistent basis
   4. Better communication between technical and policy staff. Better communication with utility commissions and other interested parties.
   5. Better implementation plan and what that means. More well defined methods to incorporate adequacy results into long-term resource planning.
4. **Key issues for this year**
   1. Add more electrical sub-regions in the NW to better identify and account for transmission limitations to market supplies
   2. Rigorous review of the dynamic Canadian operation algorithms
   3. Complete the user interface and offer tutorials
   4. Better capacity analysis - first step is to go add a weekly hydro shaping step between the monthly and hourly dispatches.
   5. Better understanding of the California market supply
   6. Move to random water year selection (before this year we could only do a sequential selection)

A draft schedule for the 2018 assessment is provided below.

**DRAFT Schedule for the 2018 Resource Adequacy Assessment**

Date Group Action

January 2nd week **Power Committee** Contract for model enhancements

February 1st week **Tech meeting** Key issues and work plan

February/March Council/BPA Update relevant data

April **Tech meeting** Briefing on data, begin vetting

May through July Council/BPA Complete preliminary 2018 analysis

July 4th week **Tech meeting** Briefing on preliminary 2018 results

August 1st week **Steering meeting** Briefing on preliminary 2018 results

August 2nd week **Power Committee** Briefing on preliminary 2018 results

September 10th Council Final 2018 loads ready

September Council/BPA Complete final 2018 analysis

October 1st week **Tech meeting** Briefing on final 2018 results

October Council/BPA Modify analysis, if necessary

October 4th week **Steering meeting** Briefing on final 2018 results

November 2nd week **Power/Council** Briefing on final 2018 results

December 2nd week **Council meeting** Vote to release assessment

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