

RTEP Criteria

RPPWG

8/6/10

- Previous discussions have focused on how demand response, energy efficiency, renewable generation, and “at-risk” generation are incorporated into the RTEP
- Multiple changes to criteria assumptions were discussed in each area
- Pros and Cons were identified for each criteria assumption and important issues were noted
- Criteria and issues warranting further development are shown on the following slides

- Model some percentage of state goals (e.g. 50%) or what has cleared in RPM, whichever is higher
- Issues
 - Must pick percentage level to plan to
 - Must be sure we don't double count what is cleared in RPM and what we model for state programs
 - DR saturation (i.e. do we need to limit the amount in our analysis)
 - How to transition what we are modeling to a higher / lower level state goal
 - Consideration for currently committed DR not being available for a future period

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- Test to ensure that transmission system can deliver sufficient renewable energy to meet some percentage of state goals (e.g. 50%) regardless of legislative status
- Develop transmission to source areas
- Use existing interconnection process to connect individual generation projects
- Issues
 - What are the sourcing assumptions?
 - How do you handle generation beyond what is needed?
 - Interconnection queue process changes if applicable
 - Cost allocation
 - Percentage to plan to?
 - Need an approach to model beyond chosen percentage if goals is / is not being met

- **Issues Continued**
 - Need a strategy for storage technology whether it is implemented with renewables or separately
 - Use of proposed transmission by non-renewable resources
 - Uncertainty of future changes in current legislation
 - Choices need to accommodate unilateral actions for the states

- Remove some portion of "at-risk" generation from service - base "at-risk" generation on some combination of MMU list, aging generation, some determination of carbon-threatened generation, etc.
- Issues
 - Need to develop "at-risk" definition
 - Market sensitivity to naming at-risk generation
 - Mothballing issues
 - Discontinuity with RPM