

RETI Phase 1A Working Group Meeting Topics

Please find below a more detailed list of topics and specific questions that will be discussed in the weekly RETI Stakeholder Working Group meetings over the next several weeks. The goal in providing this is to better help you prepare for each meeting. Black & Veatch intends to provide more detailed information on each topic prior to each meeting. Depending on the topic this information may range from questions to detailed chapters of the report to excel spreadsheets.

Meeting Date: **2/21/08**

Topic: Economic assumptions to support resource valuation

The RETI resource valuation methodology uses specific assumptions for each project. In order to ensure that projects are considered and compared on an equal basis, we require a set of economic assumptions that will be applied to all projects. Examples of assumptions to be developed include:

- Levelized Cost of Energy
 - Capital cost
 - Fixed O&M
 - VOM
 - Capacity Factor
 - Tax Credit(s)
 - Fuel cost (if any)
- Levelized Cost of Transmission
 - Interconnection cost (to substation)
 - Network upgrade costs
 - Transmission costs
- Integration Costs
 - Identify the system costs to integrate renewable resources
- Energy Value
 - RETI will need a basis to value the energy coming from the renewable resources. Need to identify the source(s) for developing the energy value.
 - Production cost forecast?
 - Hourly? On-peak/off-peak? TOD?
 - MPR? TOD?
 - Typical generation profiles
 - Other?
- Capacity Value - Different renewables will have different amounts of reliability. Need to develop:
 - Basis for valuing capacity
 - How much of this value will be applied to potential resources (i.e. capacity credit, ELCC, etc.)

Topic: Resource Valuation Methodology

To determine the value of each resource B&V will develop a methodology to be applied consistently across resources. B&V will provide as detailed discussion of the methodology prior to the meeting.

Meeting Date: 2/28/08

Topic: Resource Assessment Methodology

To develop CREZ and determine if proposed projects are viable, Black & Veatch will conduct a resource assessment to ensure there is sufficient natural resources in a region to support the proposed projects. (i.e. wind by location and category, geothermal capacity for a given area).

- B&V will provide as detailed discussion of the methodology prior to the meeting.
- Supply curve development

Topic: Transmission Assumptions

- What transmission additions, if any, should go into the RETI base case?
 - California
 - Non-California
- What transmission costs will be used in the analysis
 - Interconnection
 - Substation
 - New Transmission system (costs per line based on line size and location)
 - Wheeling Costs
 - FTRs/CRRs

Topic: Renewable technology-specific assumptions

- Review technology-specific assumptions for resources considered in the study, including:
 - Solid Biomass
 - Anaerobic Digestion
 - Landfill Gas
 - Solar Thermal Power
 - Photovoltaics
 - Hydroelectric
 - Wind Power
 - Geothermal
 - Marine Current
 - Wave

Meeting Date: 3/6/08

Topic: Project identification, characterization and screening

- What renewable resources will RETI identify
 - Size

- location
- How will RETI identify individual resources?
 - Proposed resources
 - “Generic” resources
 - Use of confidential project data
- How will B&V apply typical technology characteristics to individual projects (i.e. project specific capacity factor?)

Topic: CREZ identification, characterization and economic ranking

- Define CREZ – how are CREZ ‘s lumped together
 - Physical location
 - Electrical linkage
 - Size – is there limit on how large or small a CREZ can be?
 - Are only areas that require a CPCN for transmission be CREZ?
- How will CREZ be ranked/prioritized
 - Cost considerations
 - Timing
 - Other factors

Meeting Date: 3/13/08

Topic: Prepare for 3/19/08 Plenary Group Meeting.

No topic is scheduled to be discussed, though it is likely we will have carry-over from prior Work Group meetings.