



CTPG Stakeholder Call Stakeholder Input Session

1/25/10

Agenda

- Meeting Introduction
- Phase 2 Schedule
- Stakeholder Comment Review - Phase 1 Study Report
- Stakeholder Comment Review – Phase 2 Input
- Additional Stakeholder Input

Phase 2 Schedule – Key Dates

Date	Activity
January 20	Stakeholder Input Session
January 25	Stakeholder Input Session Conference Call
January 28	RETI Transmission Working Group Meeting
January 29	Draft Study Plan Posted
February 2	Draft Study Plan Conference Call
February 8	Study Plan Comments Due
February 10	Final Phase 2 Study Plan Posted
Mid-March	Draft Phase 2 Study Report Posted
TBD	Stakeholder Meeting
TBD	Study Report Comments Due
End-March	Final Phase 2 Study Report Posted

Stakeholder Input To Date

- Phase 1 Study Report
 - ✓ Requested explanation on differences between CTPG's approach and RETI's approach
 - ✓ Clarification on data used for Renewable Portfolio for LSE's
 - ✓ Clarification on Net Short Calculations used in the report
 - ✓ What renewable generation projects are included in the WECC 2019 Base Case?

Stakeholder Input To Date

- Phase 1 Study Report
 - ✓ What are the assumptions used for dispatch of Wind and Solar?
 - ✓ Requested breakdown of data on renewable generation by type.
 - ✓ What is the basis for modeling path flow levels prior to adding renewables/decrementing fossil?
 - Should all path flows be modeled like Path 15 in the A-SN cases?

Stakeholder Input To Date

- Proposed Phase 2 Study Report
 - ✓ Use new RETI Net Short Calculations in future studies
 - ✓ Model more wind at Windhub and Whirlwind, less at Barren Ridge
 - ✓ Solicit model-quality renewable procurement plans from LSEs whose renewable plans were not modeled in Phase 1
 - ✓ Include RETI proposed Assumption/Scenarios in study
 - ✓ Increase Out-of-State Procurement Assumption/Scenarios
 - ✓ Provide other potential Generation Re-dispatch Assumptions and criteria

Stakeholder Input To Date

- Proposed Phase 2 Study Report

- ✓ Provide transmission plan that includes ramping of renewable additions between 2010 and 2020
- ✓ Provide a transmission plan that provides for the existing CAISO and Muni generator interconnection Queues
- ✓ Identify feasible alternatives to transmission additions identified in Phase 1
 - Operational measures to mitigate violations
 - Other transmission projects that mitigate violations
 - Consider impact of dynamic line ratings
- ✓ Consider providing contingency in transmission plan to compensate for potential shortfalls
- ✓ Include proposed pump storage projects
- ✓ Conduct “deliverability” (100% of nameplate) studies
 - Establish an economic value for deliverability (balance the cost of upgrades necessary to provide 100% deliverability with the value of deliverability)

Stakeholder Input To Date

- Proposed Phase 2 Study Report
 - ✓ How will CTPG process be used by decision makers?
 - ✓ How are CTPG and RETI coordinating?
 - ✓ What is the Stakeholder process and schedule?
 - ✓ Will environmental consideration be given to proposed transmission projects?
 - ✓ What transmission projects should be removed from or added to the 2019 WECC Base Case?
 - ✓ Will Phase 2 consider operational integration requirements with increased intermittent renewable generation?