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RETI 2.0 Plenary Group
Planning Goals Workshop

January 29, 2016

AGENDA

Guiding questions

1. What are the ballpark, quantitative estimates (range of estimates) of total (and incremental) renewables needs to meet California's Clean Energy and Pollution Reduction Act of 2015 (SB 350), Greenhouse Gas (GHG) and renewables goals in 2030?
2. What are the major variables that substantially affect these numbers?
3. What conditions in rest of the west affect these numbers?

Agenda

1. Introductions and orientation
2. Housekeeping
3. Renewable energy in California's climate policy framework (Emily Wimberger, California Air Resources Board (CARB))
 - a. Governor's goals, Executive Order B-30-15 and SB 350
 - b. Scoping Plan process and role of Pathways model
4. Pathways model and framework (Arne Olsen, Energy and Environmental Economics)
 - a. Model goals, philosophy and structure
 - b. Cases and results
 - c. Important variables
 - i. Discussion of change and growth 2030-2050
 - ii. Fossil fleet, Combined Heat and Power (CHP), retirements
 - iii. EE, EVs, and Behind-the-meter PV
5. Lunch
6. California Energy Demand (Cary Garcia, Energy Commission)
 - a. Approach, methodology, and overall findings
 - b. Discussion of major variables and issues

7. RPS Calculator new build scenarios (Forest Kaser, California Public Utilities Commission (CPUC))
 - a. Current CPUC planning processes – update on Renewables Portfolio Standard (RPS), Long Term Planning Process (LTPP), and Integrated Resource Planning (IRP)
 - b. RPS Calculator structure and methodology to identify “generic resources” or demand for new build renewable resources
 - c. Discuss impact of major variables
 - i. EE, EVs, Behind-the-meter PV
8. Los Angeles Department of Water and Power (Brian Koch)
 - a. Integrated Resource Planning
 - b. Greenhouse Gas trajectory
 - c. Renewables
9. Rest-of-the-West (Tom Carr, TEPPC)
 - a. WECC Common Case and Studies Working Group background and process and status
 - b. Findings
 - i. West-wide energy demand
 - ii. West-wide renewables demand
 - iii. Fossil fleet and retirements
10. Public Comments
11. Closing Remarks and Next Steps