

Energy Division Comment Template for 2012 LTPP Straw Proposal on Planning Standards

Pursuant to the Scoping Memo, comments are due on May 31 and reply comments on June 11. Energy Division requests that parties provide comments in this template. Note that comments do not need to address all topics in this template.

To the extent possible, comments should indicate if: A) the assumption is appropriate; B) if not, what assumption is appropriate including providing data sources and methods; C) if the assumptions can be in any way consolidated (e.g. recommend only two assumptions for energy efficiency, rather than three) or if they need to be expanded. To the extent that an issue needs to be handled in another track or time of the proceeding, please indicate that briefly.

As a reminder, incremental programs are those above amounts embedded in the California Energy Demand forecast.¹

¹ Available at http://www.energy.ca.gov/2011_energypolicy/documents/index.html#current

General

1. Guiding Principles

2. Planning area and planning period

Demand-side Assumptions

3. Economic & Demographic assumptions

4. Load Forecast

- a. Is the most recent revised demand forecast appropriate to use in the absence of a recent adopted demand forecast?**

5. Incremental Energy Efficiency

Note: Some impacts of energy efficiency are embedded into the Energy Commission's IEPR forecast. The savings here are above and beyond those levels.

6. Non Event-Based Demand Response

Note: Most Demand Response is accounted for on the supply-side via Event-Based programs.

7. Incremental small photovoltaics (demand-side)

8. Incremental combined heat and power (demand-side)

Note: CHP is split between demand-side and supply-side. See supply-side values for incremental CHP assumed exporting to the grid.

- a. **What capacity factor is appropriate to use?**

9. **Traditionally, local area and other assessments utilizing a higher peak forecast have been based on a middle forecast for energy and peak. If this should be changed, please explain why.**

10. **Are there any significant demand-side assumptions that have been missed? If so please identify, provide sources, and the MW and GWh magnitude and likelihood.**

11. **Other comments on demand-side assumptions.**

Supply-side Assumptions

12. Should all resources be accounted for by their NQC or a forecast of NQC?

13. What year and data source should be used for variable resources' production profiles?

14. How should transmission capacity be considered?

15. Should all "known" and "planned" (non-RPS) resources be used in all supply-side scenarios?

a. Are the definitions of "known" and "planned" clear?

Note: At the workshop, "planned" having a contract in place was clarified to mean "approved contract by the appropriate entity" (e.g. Muni approved or CPUC approved). Do you support this clarification?

16. Deliverability

Note: The previous assumption of deliverability assumed all resources were deliverable unless otherwise noted.

a. **Are any changes to the definition of future resources considered deliverable warranted?**

b. **How should information from other sources, such as distribution resource deliverability be incorporated?**

17. What additional information is needed for resource locations?

18. Event-Based Demand Response

19. Incremental combined heat and power (supply-side)

Note: CHP is split between demand-side and supply-side. See demand-side values for incremental CHP assumed behind the meter.

a. **What capacity factor is appropriate to use?**

20. Renewable Resources

- a. Establishing the 33% RPS infrastructure target via the LTPP, understanding that other requirements may also need a similar calculation within the RPS proceeding.**

- b. Establishing the RPS supply (i.e. the “highly likely resources”) in the RPS proceeding.**

- c. Base Portfolio**

- d. High DG Portfolio**

- e. Sensitivities**

- f. Long-term Target**

21. Retirements

- a. **How many retirement assumption combinations are needed? If more than one, please list the top two most important retirement assumptions to consider sensitivities on.**

- 22. Are there any significant supply-side assumptions that have been missed? If so please identify, provide sources, and the MW and GWh (if appropriate) magnitude and likelihood.**

- 23. What is a reasonable number of overall scenarios for supply-side assumptions? What is the purpose behind having that number of scenarios?**

- 24. Other comments on supply-side assumptions.**

Allocation Methodologies

If another allocation methodology is appropriate, parties are encouraged to provide it. It is also appropriate to suggest alternative methodologies to be used in a subsequent LTPP if they may require significant development.

25. Energy Efficiency

26. Demand Response

27. Other methodologies for assigning resources to busbars.

Other

28. What is a reasonable number of total scenarios + sensitivities to consider?

- a. Briefly describe the scenarios and sensitivities that are most important to consider. Please refer to the assumptions discussed above to describe and explain this recommendation.**

29. Any other comments.