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Corrections to December 3, 2010 LTPP Scoping Memo

Attachment 1

Several discrepencies in the Attachment 1 tables to the December 3, 2010 Scoping Memo have been identified and the enclosed tables update the originals to reflect these corrections.

The first correction is to the labeling of the Load and Resources (L&R) Tables. Line 2 in all tables had incorrectly listed which fields were represented in the calculation. This has been corrected, and there were no impacts to the underlying calculations. The line notes have also been updated to include the year from which data was drawn for NQC calculations.

The second change is to the labeling and calculations for combined heat and power (CHP). The header for Existing CHP NQC (MW) was changed to 2010, from 2011, to correctly indicate that these are for resources existing in 2010. The value for "North" was low by 20MW, and has been corrected to 1,888 MW. The correct value was used for the "North" calculations and the correct value was used in the "NP-26" L&R Tables. However, correcting this value resulted in recalcuation of supply side CHP for "South" and "San Diego", leading to an increase of 16 MW by 2020 for "South" and 1 MW for "North". These changes are reflected for all scenarios for "SP-26" and "SD" in the L&R Tables. However, there were no changes for demand-side CHP.

The third change is due to a calculation error for the 20% RPS scenarios in the RPS Calculator. The net short calculation for the non-33% scenarios incorrectly accounted for existing renewables, resulting in a 2020 net short for the 20% Scenario that was approximately 9,000 GWh larger than intended. An updated 20% scenario, with fewer RPS additions for each utility, is reflected in the enclosed, corrected L&R tables.

The fourth change is the addition of a table for incremental uncommitted EE, energy savings. These values are developed using the same methodology as the peak savings for incremental uncommitted EE savings. In creating this new table, staff discovered a discrepancy totaling 39 GWh of undercounted EE in 2020 between different tables in the Energy Commission's Incremental Uncommitted analysis. The RPS calculator will not be updated in the 2010 LTPP to reflect this change, since it would reduce the RPS net short by less than 0.1%. Thus, the Load for RPS Calculation table also remains unchanged.

Attachment 2

Tables 10, 11, 12 13, 14 and 15 in the Results section have all been updated to reflect changes to the 20% Trajectory scenario due to the correction to the 20% net short calculation described above. The 33% scenarios in these tables have not changed.

Staff found an error in the way that the Calculator was tallying the Discounted Core and Commerical Non-Core resources included in each scenario. The error does not affect the make-up of any scenario, but Table 11 has been updated to reflect the correct tallies by project status.

In Appendix E, on the environmental scoring methodology, just before the Introduction section on page 73, staff corrected that environmental scores for minor/incremental transmission upgrades are weighted by 1, not 2. Table 7, on page 86, and Section 6.2, on page 87, were also corrected to reflect these weights, which were already correctly reflected in Table 6. In addition, the column headings for several of the environmental metrics in Tables 3 and 4 had been switched and have been corrected, and staff corrected Table 7 after discovering a small error in the calculations underlying those numbers. None of these corrections resulted in a change to the makeup of the required scenarios.

All of the changes to Attachment 2 described above are reflected in the "v1.4" version of the 33% RPS Calculator, now available on the LTPP website.