BEFORE THE PUBLIC UTILITIES COMMISSION OF THE
STATE OF CALIFORNIA

Order Instituting Rulemaking to Integrate and Refine Procurement Policies and Consider Long-Term Procurement Plans.	Rulemaking 12-03-014 (Filed March 22, 2012)

UPDATE TO REPLICATING TPP SCENARIO ASSUMPTIONS SUBMITTED BY THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION

On December 24, 2012, the Commission issued D.12-12-010 establishing the planning assumptions to be used by the California Independent System Operator Corporation (ISO) in running the operational flexibility studies. The ISO has been asked to model and run four scenarios: Base, Replicating the TPP, early SONGS retirement sensitivity, High DG and High DSM.

The ISO raised several concerns about the scenarios in comments and reply comments, particularly the Replicating the TPP scenario. Specifically, the ISO noted that the Replicating the TPP scenario should be modified to more accurately portray the assumptions modeled by the ISO in its transmission planning process if it is to be used as a reference case that depicts the ISO's planning process.[1] The Commission recognized the ISO's concerns at page 9 of the decision and noted that the assumptions for the Replicating the TPP scenario in Attachment A should be updated to align with the ISO's transmission planning assumptions.

Accordingly, the ISO recommends, consistent with D.12-12-010, that Energy Division update the scenario Replicating the TPP to account for the following adjustments: 1) the ISO will model the low incremental energy efficiency level identified in the June 2012 IEPR update and,

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[1] See ISO Comments on Standardized Planning Assumptions and Study Scenarios, filed October 5, 2012, pages 3-5.

2) the low event-based demand response assumption (2336 MW) should be removed from the scenario assumptions. With these two adjustments, the Replicating the TPP scenario truly will "replicate" the 2013/2014 TPP system assessments.[2] The ISO is willing to run an additional study with the low event-based demand response assumptions for informational purposes, but will use the adjusted Replicating the TPP scenario as the reference case for Track 2 purposes.

The ISO has attached the modified Replicating the TPP spreadsheet from Attachment A to D.12-12-010 reflecting the assumption changes described herein.

Respectfully submitted,

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[2] Note that the ISO uses the 1-in-10 load forecast for the TPP LCR studies, the 1-in-2 load forecast for economic studies and the 1-in-5 load forecast for reliability assessments. These studies are all part of the annual planning process but the using the 1-in-5 forecast for Replicating the TPP is acceptable.

ATTACHMENT A

Scenario			Demand				Supply										
#	Name	Modeling Priority	Load	Inc EE	Inc PV	Inc CHP	Existing	Additions	Retirements	OTC Retirements	Renewable + Hydro Retirements	Nuclear Retirements	RPS Portfolio	RPS Net Short Scenario	Imports	Inc CHP	Inc DR
1	Base	1	Mid	Mid	Mid	Low	Base	Base	Mid	Base	Low	Low	Commercial	Commercial	Base	Low	Mid
2	Replicating the TPP	2	Mid (1-in-5 peak weather)	Low	None	None	Base	Base	Low	Base	Low	Low	Commercial	Rep TPP	Base	None	None
2A	Replicating the TPP (w/ DR)		Same as Rep. TPP				Same as Rep. TPP										Low
1A	Early SONGS Retirement	3	Same as Base				Same as Base					Mid (SONGS 2015, DCPP 2024/5)	Same as Base				
3	High DG + High DSM	4	Mid	High	High	High	Base	Base	Mid	Base	Low	Low	High DG	High DG	Base	High	Mid
1C	Stress Case	5 (if time allows)	Mid (1-in-5 peak weather)	Same as Base			Same as Base										
3A	High DG + High DSM, 40% RPS by 2030	6 (if time allows)	Same as High DG + High DSM				Same as High DG + High DSM						High DG	40% RPS by 2030	Same as High DG + High DSM		
1B	Early Nuclear Retirement	7 (not at this time)	Same as Base				Same as Base					High (2015)	Same as Base				
1D	Environmental	8 (not at this time)	Same as Base				Same as Base						Environmental	Environmental	Same as Base		