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Docket Number:	15-AFC-01
Project Title:	Puente Power Project
TN #:	215438-5
Document Title:	Testimony of Jim Caldwell Exhibit CAISO Opening Brief in R.12-03-014, excerpted
Description:	N/A
Filer:	PATRICIA LARKIN
Organization:	SHUTE, MIHALY & WEINBERGER LLP
Submitter Role:	Intervenor Representative
Submission Date:	1/18/2017 4:10:35 PM
Docketed Date:	1/18/2017



BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

FILED
09-24-12
04:59 PM

Order Instituting Rulemaking to Integrate and Refine
Procurement Policies and
Consider Long-Term Procurement Plans.

Rulemaking 12-03-014
(Filed March 22, 2012)

**OPENING BRIEF OF THE CALIFORNIA
INDEPENDENT SYSTEM OPERATOR CORPORATION**

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September 24, 2012

Table 1: Summary of OTC (2021) study results

Local Area	Local Area Requirements (MW)				Replacement OTC Generation Need (MW)			
	Trajectory	Environmentally Constrained	ISO Base Case	Time Constrained	Trajectory	Environmentally Constrained	ISO Base Case	Time Constrained
LA Basin (this area includes sub-area below)	10,743	11,246	11,010	12,165	2,370 – 3,741	1,870 – 2,884	2,424 – 3,834	2,460 – 3,896
Western LA Basin (sub-Area of the larger LA Basin)	7,797	7,564	7,517	7,397				
Big Creek/Ventura (BC/V) Area	2,371	2,604	2,438	2,653	(Need is for Moorpark only, a sub-area of the Big Creek/Ventura Local area)			
					430	430	430	430

Mr. Sparks explained that Table 1 identifies ranges of the amount of generation at existing OTC sites or electrically equivalent sites in the local area (replacement OTC generation) that would be needed under each of the RPS portfolio scenarios. The replacement OTC generation needs in the LA Basin are all within the Western LA Basin, which is a sub-area of the larger LA Basin. In addition, there is also an identified replacement OTC generation need in the Ellis sub-area, which is within the Western LA Basin. The ISO has presented a range of OTC needs depending upon the location and effectiveness of the replacement generation. The lower end of the range represents the amount of capacity needed if located OTC (or electrically equivalent) sites that are highly effective at mitigating the area constraint. The higher end of the range reflects resources located at OTC (or electrically equivalent) sites that are less effective at mitigating the constraint.⁷⁹

The ISO recommends that the Commission direct SCE to procure 2370-3741 MW of new generation resources, based on the trajectory case.⁸⁰

A. LA Basin

As noted above, the ISO studied the need for local capacity in the overall LA Basin and the Western LA Basin, the Ellis sub-area and the El Nido sub-area. The Western LA

⁷⁹ Ex. ISO-1, page 4, line 14- page 6, line 22.

⁸⁰ *Id.*, page 16, line 26- page 17, line 16.