

DOCKETED

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SCE Energy Procurement Update - Preferred Resources Pilot -

Energy Reliability in Southern California
Joint Agency Workshop

May 8, 2018

Preferred Resources (PRs) and Energy Storage Capacity

Numbers in parentheses indicate MW change from prior (last year's) report.

	Resources	Procurement Source	Procured (MW)		Deployed (MW)	
			Southern CA	PRP Region	Southern CA	PRP Region
Preferred Resources (PRs)	Energy Efficiency/Permanent Load Shift	Local Capacity Requirements (LCR)	158 (-4)	45 (-4)	6.6 (+6.6)	6.6 (+6.6)
	Demand Response (Load Reduction and/or Energy Storage)	LCR	140	17	15.5 (+12.5)	7.5 (+6.8)
		PRP RFO 2	45 (-10)	45 (-10)	0	0
	Solar Photovoltaic (PV) Distributed Generation	LCR	50	12	11.7 (+11.7)	0
		Renewables Portfolio Standard	348*	0	173*	N/A
	In-Front-of-the-Meter Energy Storage (ES)	LCR	100	0	0	N/A
		ES RFO	11.3 (+10)	0	0	N/A
		PRP RFO 2	60	60	0	0
		Aliso Canyon	22	2	22	2
		Utility Owned	42.4	0	42.4	0
	Hybrids (PV + ES)	PRP RFO 2	0 (-10)	0 (-10)	0	0
		Total	976.7	181	271.2	16.1

*Prior-reported MWs quantities only included West L.A.Basin; now includes all of SCE territory.

Totals from 2014 through 5/01/2018

Preferred Resources Acquisition Insights

PRP-Specific

WORKSTREAM	STATUS	NOTES
Acquisition	✓	Acquisition via various RFOs and programs
Deployment	↘	Some challenges meeting CODs (project delays, approvals, terminations)
Operations	⦿	PRP resource testing will take place after sufficient resources area deployed (deployment expected by October 2018)
Measurement	⦿	Measurement data will be provided by the contracted resources' providers once projects are deployed

PRs– General

- PR-based RFOs continue to be highly competitive, but recently the resulting procurement has been of limited product diversity (mostly energy storage)
- Of the procured behind-the-meter (BTM) projects, deployment challenges include developers/aggregators targeting same market segments and building owners/tenants unwilling to commit to contracts and installations.
 - SCE is revising its RFOs' "best fit" selection approach to strategically select developers that are less likely to target the same customers
 - SCE has begun customer outreach to foster adoption of BTM PRs
- SCE continues to improve its pro forma contract provisions related to PR dispatchability, measurement, telemetry, and emerging modern grid standards