



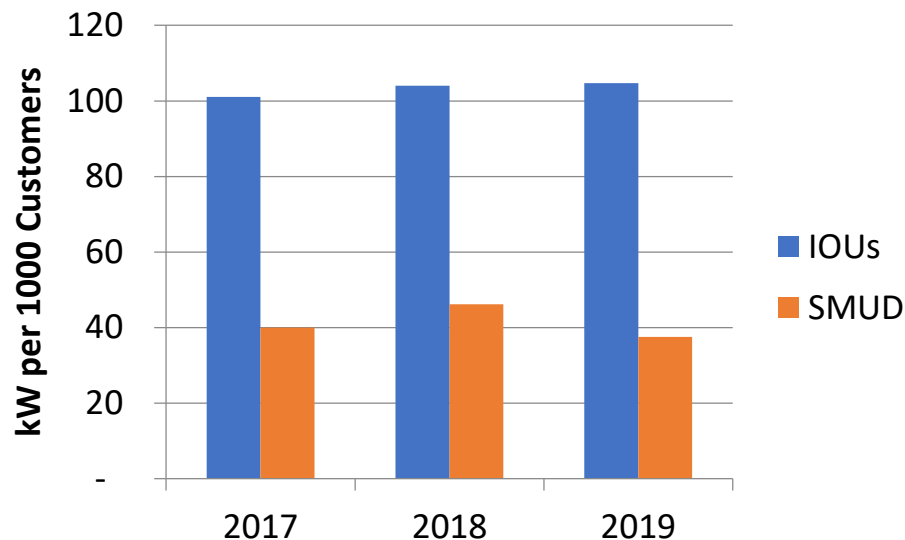
Distributed Solar for the Sacramento Municipal Utility District

SMUD Board Finance & Audit Committee
September 15, 2020



Solar by SMUD Customers

	SMUD Customer Solar Installations
2017	3,724
2018	4,612
2019	4,480
2020	2,263

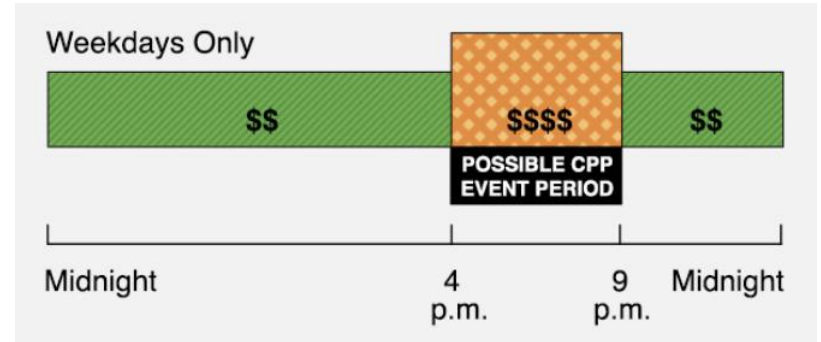


Ten-Year NEM Eligibility Period Is Harmful

- Simple payback in 9-12 years is typical for SMUD solar customers
- If savings beyond Year Ten are undefined, customers will not make investments
- Letter sent by SMUD last week will undermine consumer confidence

Real Time Pricing Rates and Critical Peak Pricing

HOUR ENDING @ PST	HOT	MEDIUM	MILD	HIGH COST	LOW COST	HIGH COST (>=78)	LOW COST (<78)
	HOT SUMMER	MEDIUM	MILD	HIGH COST	LOW COST		
	WEEKDAY (>=91)	SUMMER WEEKDAY (81-90)	SUMMER WEEKDAY (<=80)	WINTER WEEKDAY (>90)	WINTER WEEKDAY (<=90)		
1 a.m.	0.04208	0.04164	0.04112	0.04198	0.04123	0.04216	0.04098
2 a.m.	0.03999	0.03919	0.03913	0.04072	0.04015	0.04103	0.03999
3 a.m.	0.03932	0.03877	0.03885	0.03984	0.03992	0.04068	0.03976
4 a.m.	0.03899	0.03873	0.03890	0.03989	0.03986	0.04056	0.03970
5 a.m.	0.03941	0.03890	0.03941	0.04057	0.04024	0.04069	0.03979
6 a.m.	0.04105	0.04046	0.04059	0.04230	0.04194	0.04105	0.04036
7 a.m.	0.04407	0.04259	0.04036	0.04855	0.04664	0.04184	0.04023
8 a.m.	0.03966	0.03877	0.03719	0.04315	0.04614	0.03899	0.03830
9 a.m.	0.03668	0.03655	0.03397	0.03847	0.03859	0.03235	0.02801
10 a.m.	0.03618	0.03568	0.03391	0.03572	0.03605	0.02947	0.02291
11 a.m.	0.03596	0.03572	0.03552	0.03540	0.03489	0.03070	0.02235
12 noon	0.03678	0.03670	0.03440	0.03512	0.03405	0.03194	0.02143
1 p.m.	0.03753	0.03770	0.03469	0.03477	0.03275	0.03186	0.02021
2 p.m.	0.03891	0.03978	0.03618	0.03563	0.03376	0.03323	0.02099
3 p.m.	0.04202	0.04244	0.03769	0.03687	0.03599	0.03506	0.02445
4 p.m.	0.04605	0.04558	0.03919	0.03970	0.03752	0.03829	0.03013
5 p.m.	0.06097	0.05094	0.04120	0.04752	0.05328	0.05146	0.04736
6 p.m.	0.29593	0.07631	0.05518	0.19036	0.11059	0.12770	0.07011
7 p.m.	3.79490	0.22236	0.12993	0.11052	0.12117	0.16674	0.11876
8 p.m.	2.77435	0.13441	0.08792	0.06521	0.06733	0.08667	0.06384
9 p.m.	0.57124	0.07432	0.06425	0.05917	0.05786	0.05864	0.05442
10 p.m.	0.13366	0.05954	0.05935	0.05232	0.05195	0.05359	0.05143
11 p.m.	0.05270	0.05005	0.04946	0.04907	0.04732	0.04945	0.04781
Midnight	0.04481	0.04430	0.04299	0.04352	0.04276	0.04369	0.04264



Source: SCE

Demand Response



Locally powered energy innovation.

Incentives are available for a limited time - Apply today!

Incentives



Enrollment

\$250 in bill credits after enrollment.



Participation

\$100 per kW of capacity in quarterly bill credits for participation in energy savings events.



Additional incentives are available for customers in select geographic areas of CPA's service territory. Contact us to see if you qualify at 1-888-331-3534 or email powerresponse@cleanpoweralliance.org.



Solicitations for DER Portfolios



**East Bay Community Energy, Peninsula Clean Energy,
Silicon Valley Clean Energy & Silicon Valley Power**

Distributed Resource Adequacy Capacity

Request for Proposal (RFP)

Issuance Date: November 5, 2019

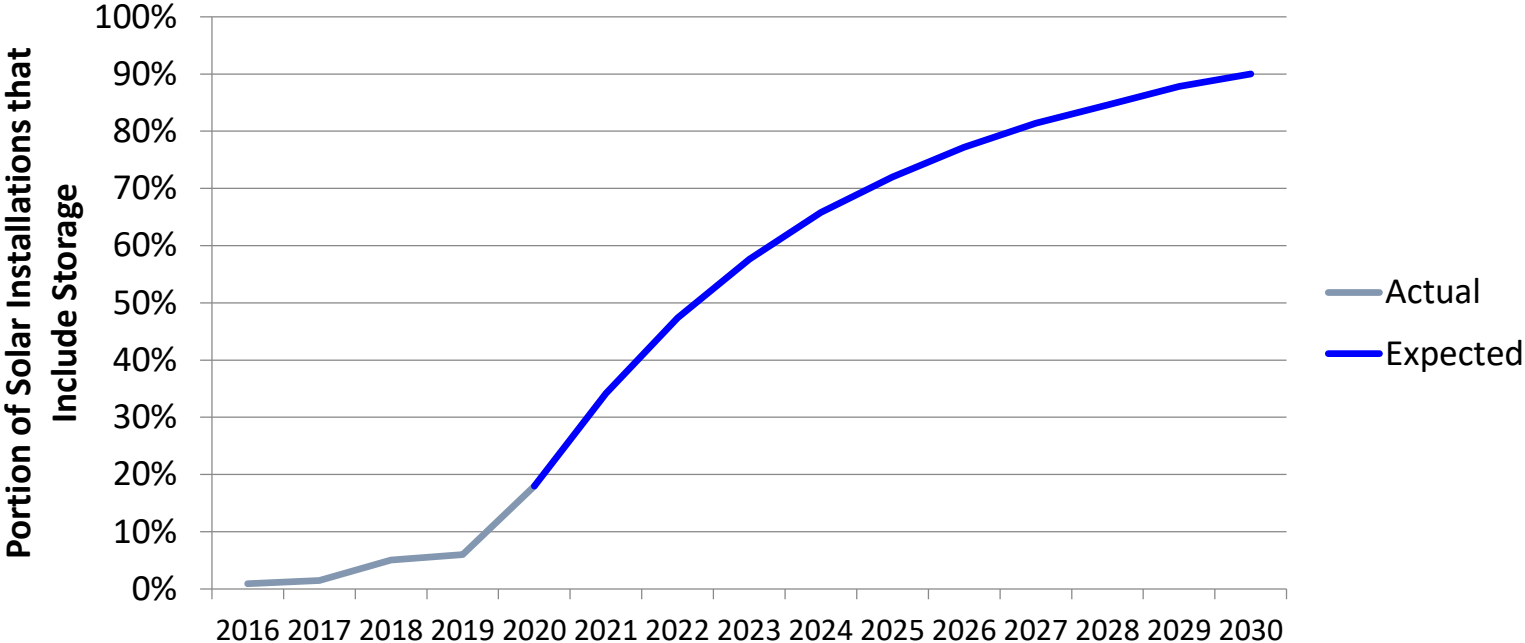
Electrification and Load Controls



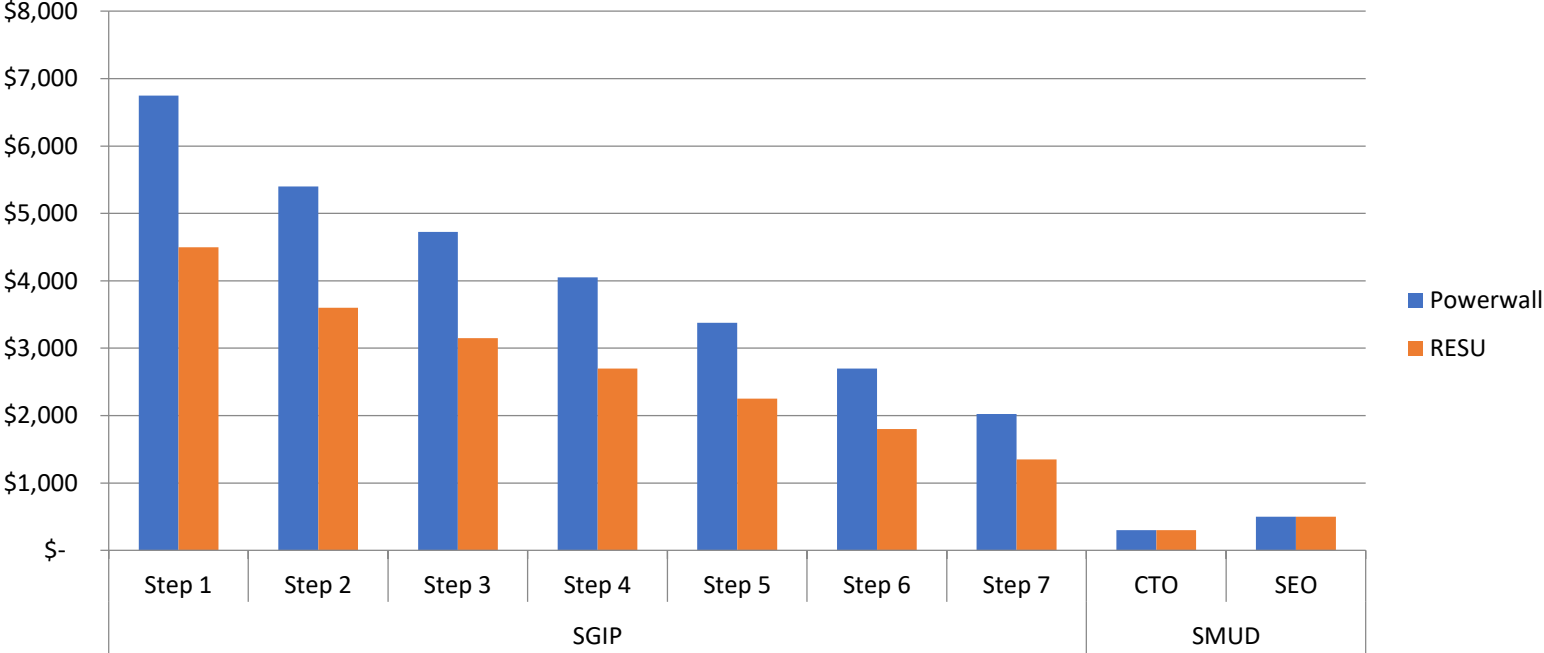
Smart Inverters & Ancillary Services



Energy Storage



Residential Storage Incentives



VNEM and NEM-Aggregation



Other Barriers

- Reduce the high (\$20) fixed charge
- Allow customers to right-size systems for future electrification
- Allow customers without one year of energy bills to right-size systems
- Allow customers to unenroll in SolarShares

Thank You!



Brad Heavner
Policy Director
California Solar & Storage Association
brad@calssa.org