CPUC Distributed Generation Programs

	Program	Program Size (MW)	Intalled and Contracted Capacity (MW)	Participating Buyers	Eligible Technologies	Capacity Size Limit (MW)	Price	Implementation Status	Market Opportunity
System-Side Generation	**Feed-In Tariff (FIT)**	750	12.6 online 30 under contract	All IOUs (inc. SMJUs) and municipal utilities	All RPS-eligible technologies	Up to 1.5 (expanded to 3 MW under SB 32)	MPR ~$100-120/MWh; (changed to MPR plus adders per SB 32)	Program available up to 1.5 MW CPUC will begin implementing changes per SB 32 in 2011	Contracts accepted until cap reached
	Renewables Auction Mechanism (RAM)	1,000	New Program	3 large IOUs	All RPS-eligible technologies	Up to 20	IPP competitive bid	Adopted in D.10-12-048. Requires staff implementation.	2 auctions per year First auction to occur Q3/Q4 2011
	IOU Solar PV Programs Utility-owned generation (UOG) Independent Power Producer (IPP)	1,100	SCE: 5.6 UOG online 35 UOG under construction 50 IPP under contract PG&E: 50 UOG under construction	3 large IOUs 526 UOG 574 IPP	Solar PV	SCE: 1 - 2 PG&E: 1 - 20 SDG&E: 1 - 5	IPP competitive bid, contract price cap: SCE - $260/MWh PG&E - $246/MWh SDGE -$235/MWh	SCE and PG&E's programs are fully implemented SDG&E's program requires staff implementation	At least 1 auction per year Approx 50 MW per year for SCE and PG&E 20 MW per year for SDG&E
	SCE Renewables Standard Contract Program (no longer offered)	259	7.5 online 462.5 under contract	3 large IOUs	All RPS-eligible technologies	Up to 20	IPP competitive bid	Utility designed and implemented	1 auction was held Program terminated now that RAM is effective
	Qualifying Facilities (QFs)	No limit	About 1,200 MW of DG	3 large IOUs	All RPS-eligible technologies and CHP Separate contracts and pricing for projects up to 20 MW	None	Fixed and variable components	First implemented in the 1980s Most recent changes adopted in D.10-12-035	Contracts accepted on an ongoing basis
	Combined Heat and Power (CHP) Feed-in Tariff	No limit	New program	3 large IOUs	CHP facilities certified as eligible by AB 1613 guidelines (62% efficient topping cycle and 60% bottoming cycle)	Up to 20 MW	Avoided Cost as determined by the price of natural gas	D.10-12-055 approved in December 2010 Tariff available in 1st half of 2011	Continuously available but updated annually
	CHP Competitive Procurement	No limit but minimum targets in both MW and GHG reductions	New Program	3 large IOUs	CHP facilities meeting PU Code 216.6 definition of cogeneration	> 5	IPP competitive bid	Pro-forma contract approved	First solicitation anticipated to be held in April/June 2011
	CHP As-Available Facilities	PG&E and SCE: 75 SDG&E: 15	New Program	3 large IOUs	CHP facilities who are 60% efficient	Large in nameplate but energy delivery ≤ 131,400 MWh/y	Short Run Avoided Cost (SRAC)	Contract approved and available pending effective settlement date	Continuously available beginning March/April 2011
Customer-Side Generation	**California Solar Initiative (CSI)**	1,940	745 (includes solar PV installed prior to CSI)	Customers	Solar Photovoltaic and Solar Thermal	Up to 5 (incentives only up to 1 MW)	Declining incentives Net energy metering (NEM)	Adopted in 2006	Applications accepted until incentive budget are exhausted Statute caps spending
	Self-Generation Incentive Program (SGIP)	Based on budget availability	355	Customers	Small wind, fuel cells, storage (with wind or fuel cells). Considering adding CHP and others	< 5 (incentives only up to 3 MW)	Incentives Some receive net energy metering (NEM)	Adopted in 2001 Under Revision in 2010	Applications accepted until incentive payments are exhausted Statute caps spending