

Customer Energy Solutions

David Rubin
Director, Service Analysis





Programs and Incentives

Demand Response

	Description	Enrolled accounts	2012-14 Budget
Base Interruptible Program	<ul style="list-style-type: none"> Emergency only 30-minute response required Annual capacity payment w/ penalties for non-performance 	260	\$ 68.4M
Demand Bidding Program	<ul style="list-style-type: none"> Economic dispatch Day-ahead notification of events Payment for actual energy conserved during DR events 	1,000	\$ 3.2M
Peak Day Pricing	<ul style="list-style-type: none"> Economic dispatch Day-ahead notification of events Elevated pricing during events; discounted rate all other hours 	1,600	N/A
Aggregator Programs (CBP / AMP)	<ul style="list-style-type: none"> Economic dispatch Customers participate through DR aggregators 30-minute or day-ahead advanced notification Monthly capacity payments based on nominated / committed load reduction Payment for actual energy conserved 	3,100	\$ 70.3M

* Excludes PeakChoice™ (discontinued after 2012)

Energy Efficiency

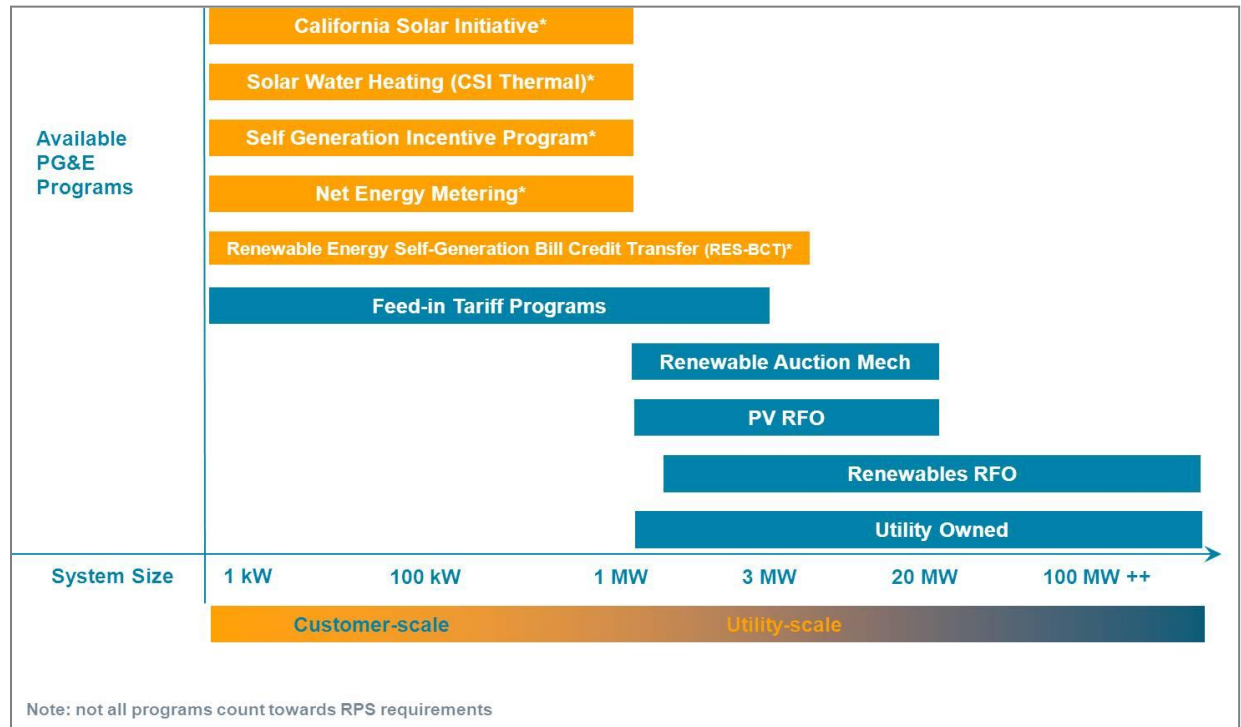
Technologies	Market Transformation	Customer Segments
<ul style="list-style-type: none"> Appliances Lighting Electronics Building Shell New Construction Retrofits HVAC Systems Audits (home/facility) Refrigeration Boilers/Steam Systems Industrial Systems/Processes Motors Pumps and Fans Food Services Energy Management Systems 	<ul style="list-style-type: none"> Voluntary Incentive Programs Emerging Technology (assessments, demos, incubation) Codes & Standards (advocacy, training) Workforce Education & Training 	<ul style="list-style-type: none"> Residential <ul style="list-style-type: none"> Low & moderate income Single & Multi-family Agriculture <ul style="list-style-type: none"> Agriculture Food Processing Commercial <ul style="list-style-type: none"> Healthcare Bio/High Tech Offices Retail Hospitality Schools Industrial <ul style="list-style-type: none"> Chemicals & Minerals Refinery Wastewater & Water Treatment Public <ul style="list-style-type: none"> Federal Government State Government Local Government

Distributed Generation Technologies

Energy Storage	Solar Water Heating	Solar Hybrid	Waste Heat to Power	Wind	Fuel Cell	Engines	Micro-turbines	Solar PV	Pressure Reduction Turbine



Renewable Energy Programs



Renewable Portfolio Past, Present and Risk Adjusted Future

