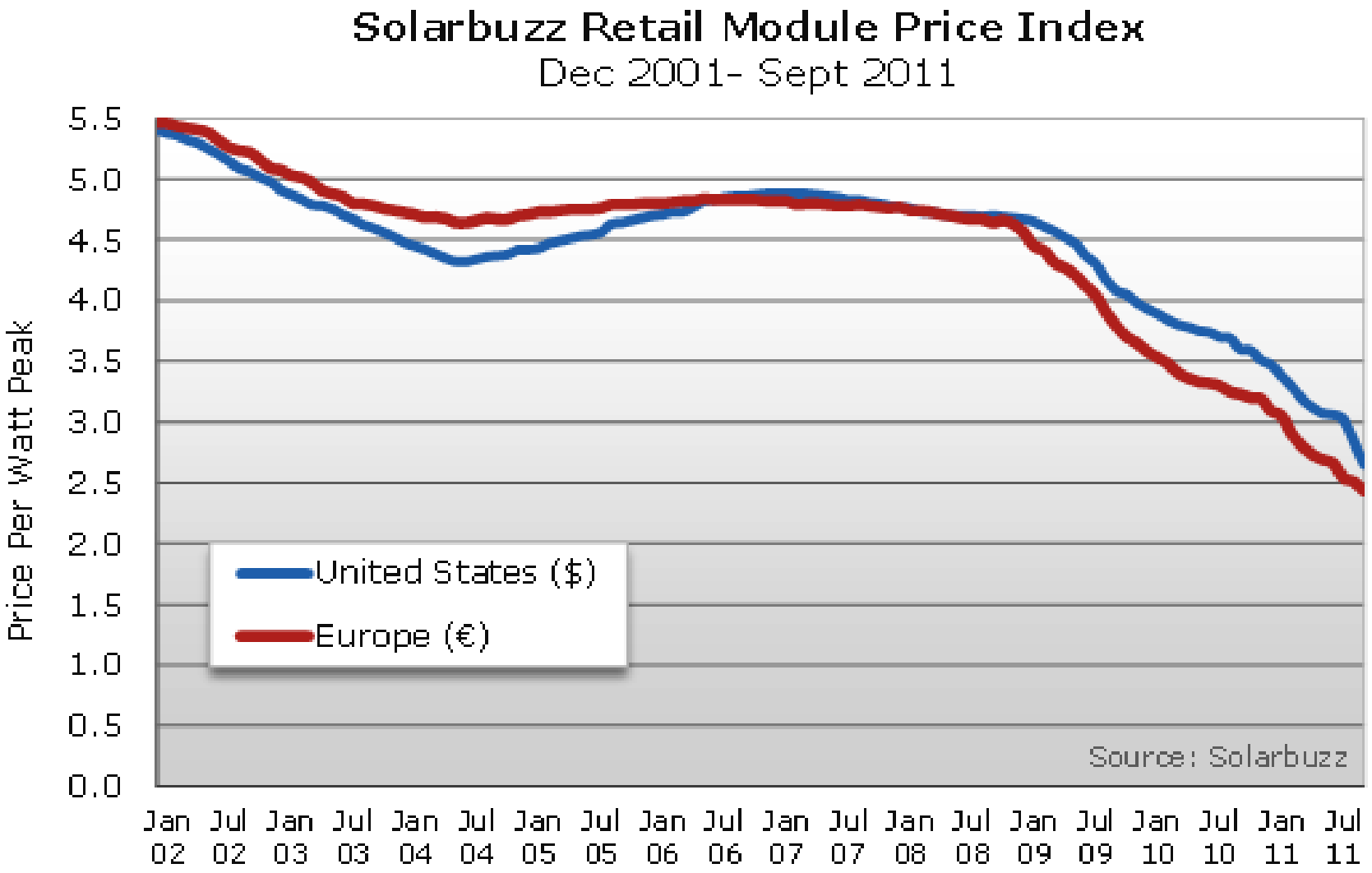
SB 2 1X

Category	% of Retail Sales From Eligible Renewable Resources	Date by Which Compliance Must Occur
Category or Compliance Period 1	20%	Dec. 31, 2013
Category or Compliance Period 2	25%	Dec. 31, 2016
Category or Compliance Period 3	33%	Dec. 31, 2020

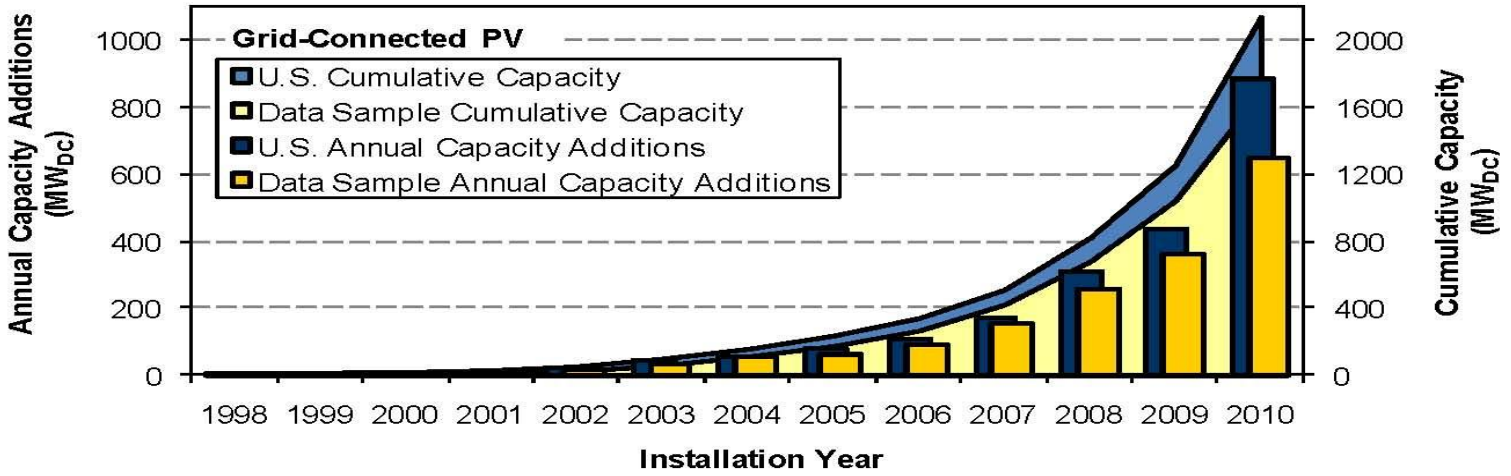
Solar Pricing Trends



U.S. Grid-Connected PV Capacity Additions

Table 1. Data Sample by Installation Year and Market Segment

Installation Year	No. of Systems			Capacity (MW_{DC})		
	Behind-the-Meter	Utility	*Total*	Behind-the-Meter	Utility	*Total*
1998	39	0	*39*	0.2	0	*0.2*
1999	185	0	*185*	0.8	0	*0.8*
2000	224	0	*224*	1.0	0	*1.0*
2001	1,323	0	*1,323*	5.5	0	*5.5*
2002	2,540	0	*2,540*	16	0	*16*
2003	3,594	0	*3,594*	34	0	*34*
2004	5,641	2	*5,643*	45	8	*53*
2005	5,598	0	*5,598*	62	0	*62*
2006	8,788	0	*8,788*	91	0	*91*
2007	12,892	2	*12,894*	132	22	*155*
2008	14,476	3	*14,479*	238	18	*256*
2009	25,335	4	*25,339*	307	56	*363*
2010	35,869	20	*35,888*	466	180	*646*
Total	***116,504***	***31***	***116,535***	***1,400***	***285***	***1,685***

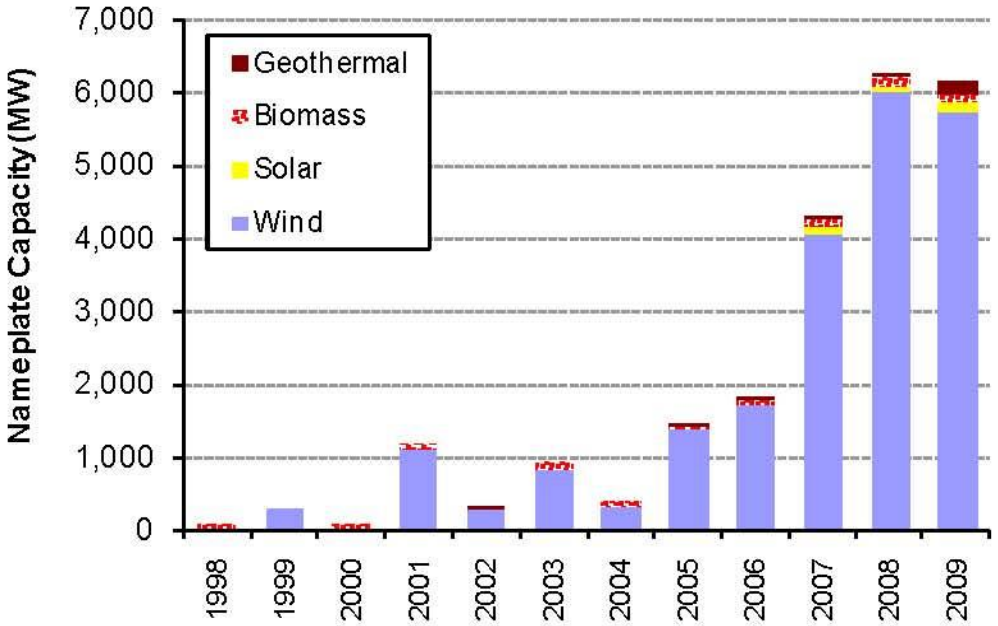


Data sources for U.S. grid-connected PV capacity additions: Larry Sherwood (Interstate Renewable Energy Council) and SEIA/GTM.

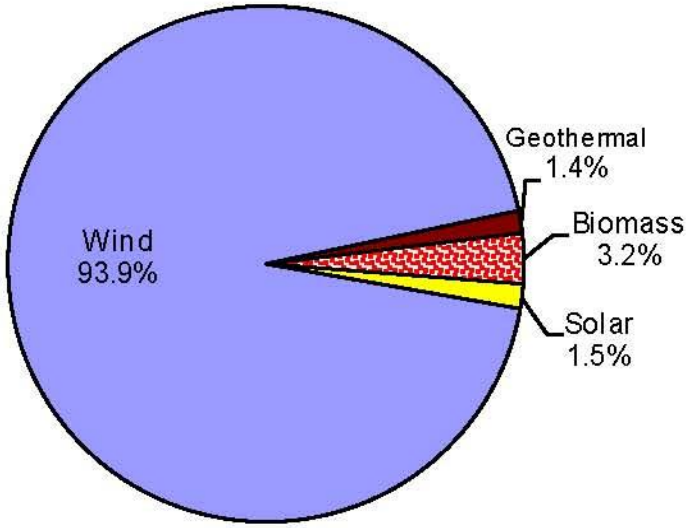
U.S. Renewable Additions

RPS-Motivated* Renewable Energy Capacity Additions from 1998-2009, by Technology Type

Annual RPS-Motivated Capacity Additions



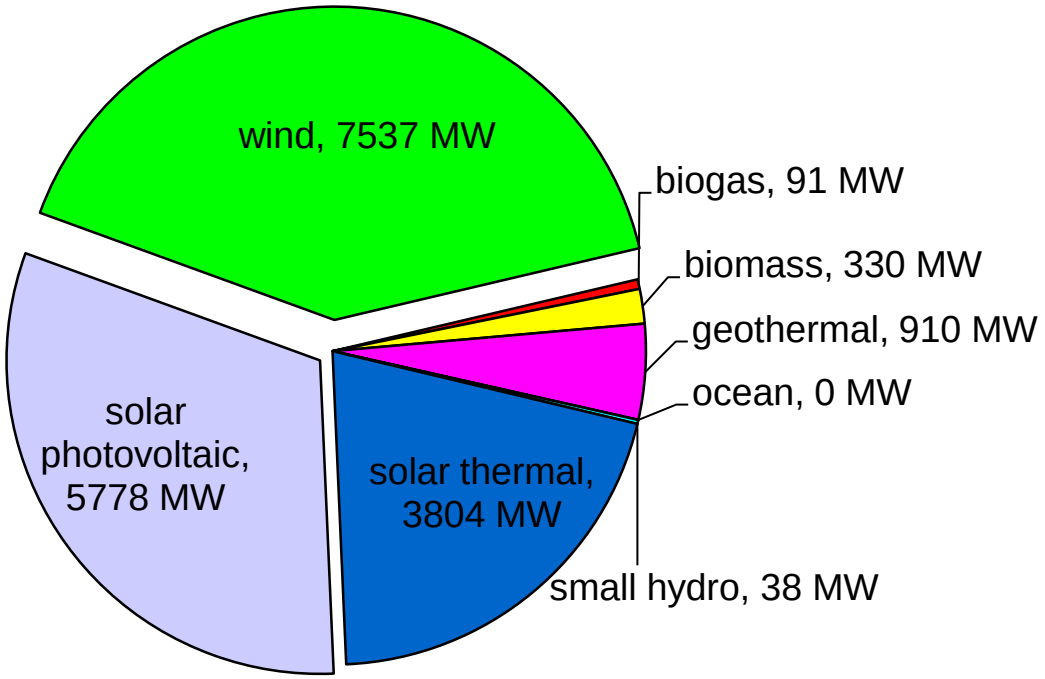
Total RPS-Motivated Capacity Additions (1998-2009)



**Renewable additions are counted as "RPS-motivated" if and only if they are located in a state with an RPS policy and commercial operation began no more than one year before the first calendar year of RPS compliance obligations in the host state.*

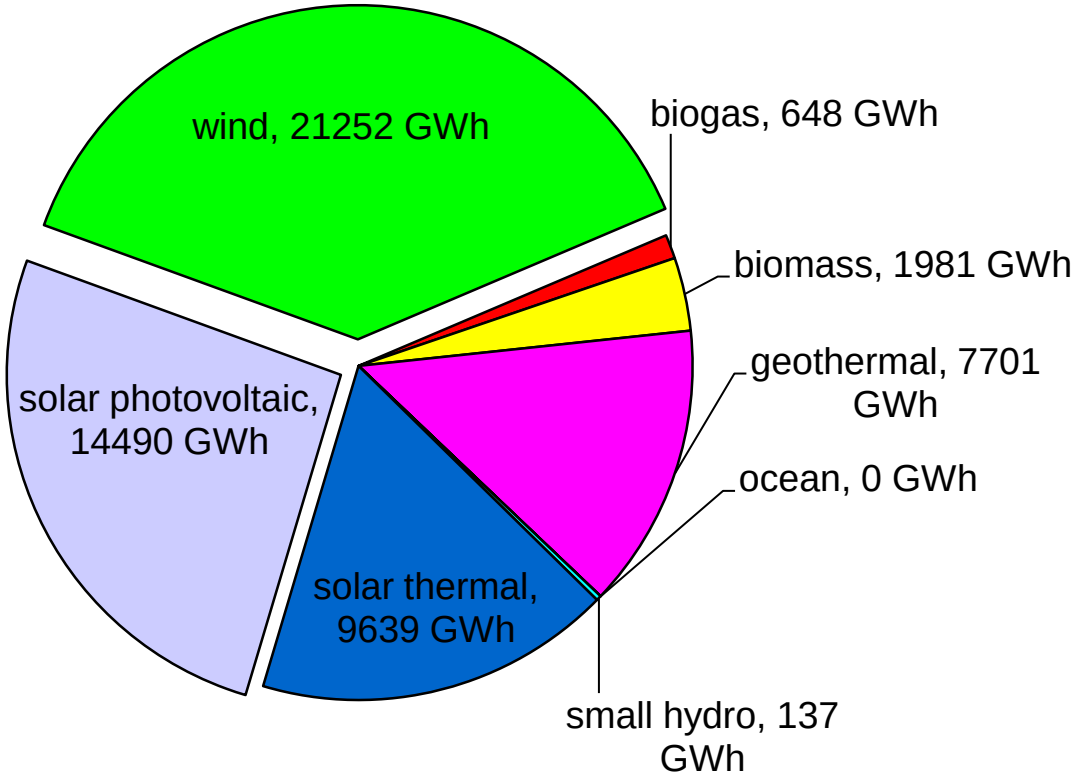
CA IOU's Renewable Portfolio

CA IOU's Total Renewable Energy Capacity Currently Under Contract from Contracts Signed Since 2002, by Technology

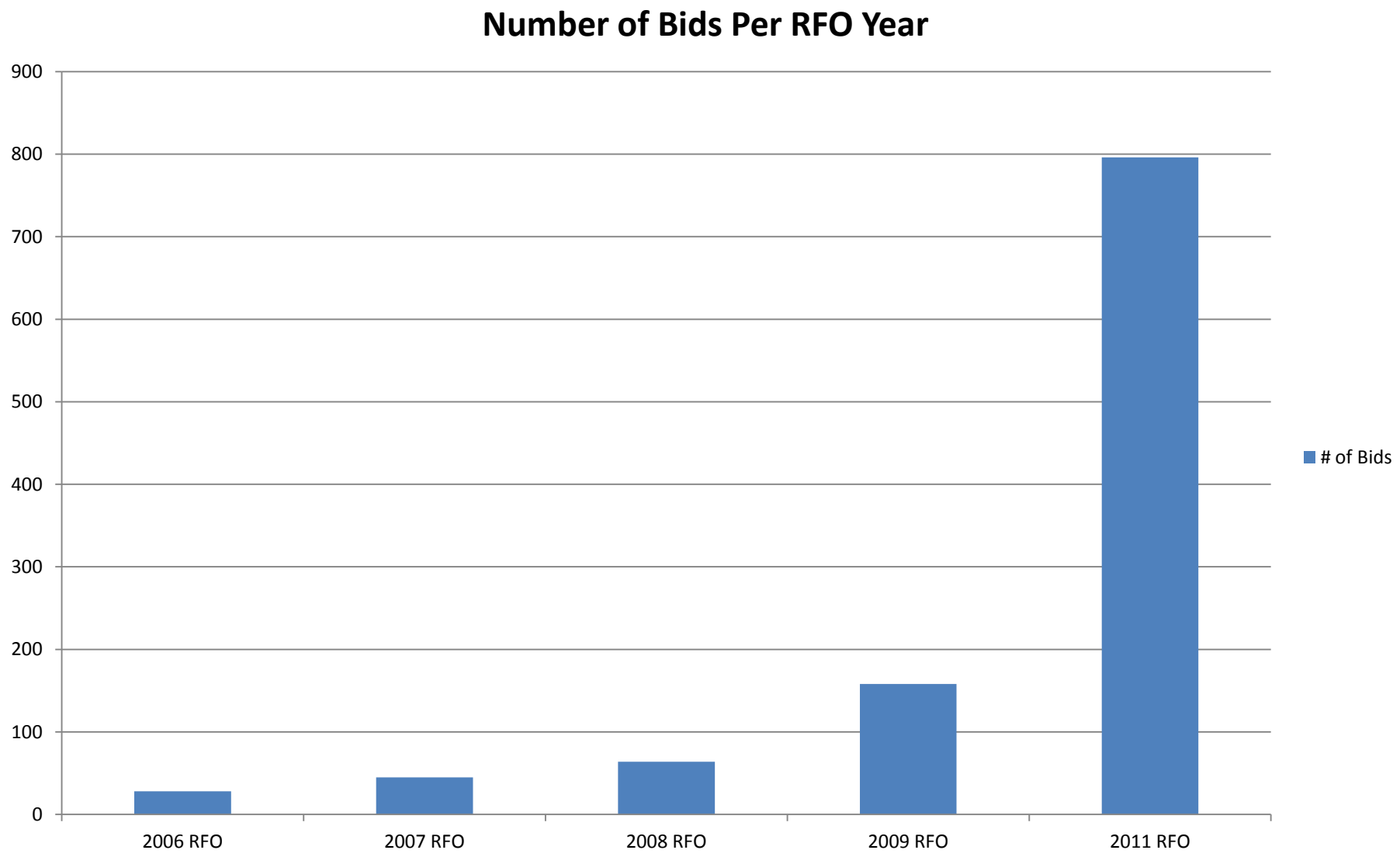


CA IOU's Future Renewable Portfolio

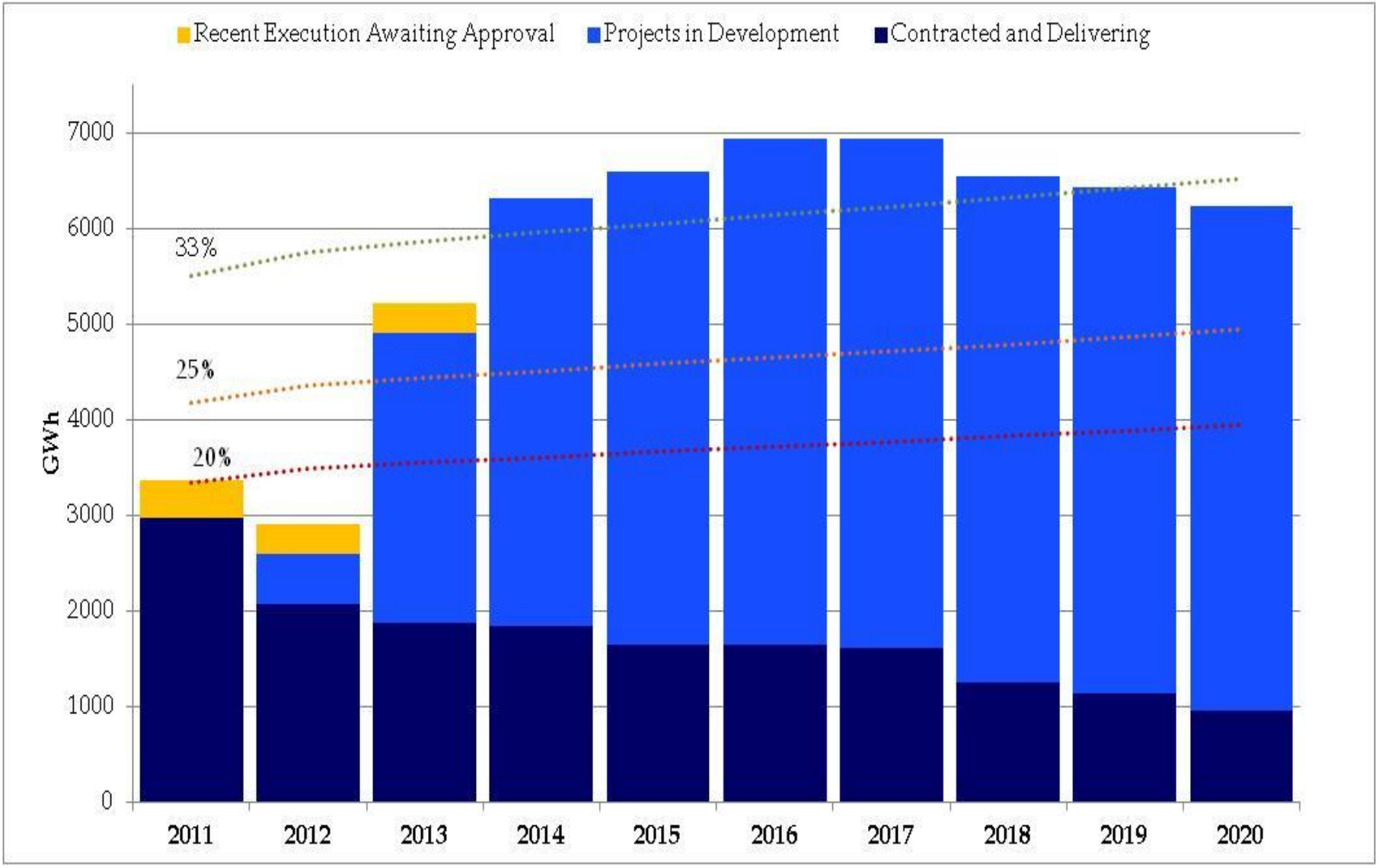
CA IOU's Total Expected Renewable Deliveries from Contracts Signed Since 2002, by Technology (minimum GWh)



RFO Trends


Number of Bids Per RFO Year
900
800
700
600
500
400
300
200
100
0
2006 RFO
2007 RFO
2008 RFO
2009 RFO
2011 RFO
# of Bids

SDG&E's RPS Position as of December 2011*



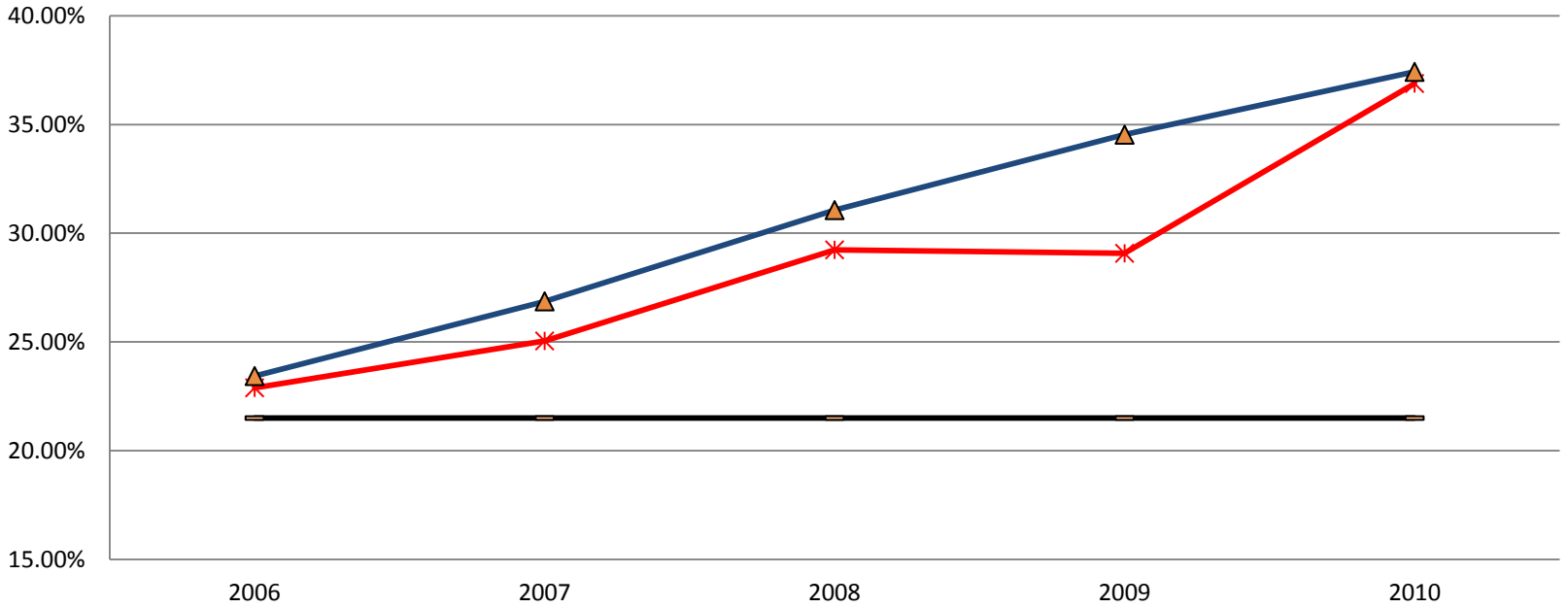
*- Source: SDG&E's August 2011 RPS Compliance Report and recently executed contracts awaiting CPUC approval

Viable Project Components

- CEC-Certifiable Technology
- Location/Site Control
- Interconnection
- Developer Experience
- Project Start Date/Compliance Period
- Price, Price, Price

One of the Nations Most Successful Supplier Diversity Programs

Sempra Utilities Supplier Diversity Spend



	2006	2007	2008	2009	2010
SDGE	22.89%	25.05%	29.23%	29.08%	36.88%
SoCalGas	23.43%	26.87%	31.06%	34.53%	37.42%
CPUC Goals	21.50%	21.50%	21.50%	21.50%	21.50%

Shu'luuk Wind

• Campo Band of Mission Indians of the Kumeyaay Nation, Invenergy and SDG&E plan to build a wind energy project capable of generating up to 160 MW of renewable power

• Project is Tribe's second wind generation facility, further establishing the Campo Band as a leading tribal developer of renewable energy in the country and the East County San Diego region as a national model for harnessing renewable resources

• The project will help create a more diverse, sustainable economy and contribute revenue to essential governmental services for the Campo Band. During construction, the project will employ approximately 150 workers from various construction trades. Upon completion, 10-12 full time staff will be needed to operate and maintain the wind farm

• Project is expected to commence commercial operation in 2014

Appendices

Berkeley Lab Report Cost Tracking Report

•Installed cost of PV power systems in the U.S. fell substantially in 2010 and into the first half of 2011, according to the latest edition of an annual PV cost tracking report released by the Department of Energy's Lawrence Berkeley National Laboratory (Berkeley Lab)

•Avg. installed cost of residential and commercial PV systems completed in 2010 fell by roughly 17% from the year before, and by an additional 11% within the first six months of 2011

•Utility-sector PV, costs varied over a wide range for systems installed in 2010, with the cost of systems greater than 5,000 kilowatts (kW) ranging from $2.90/W to $6.20/W, reflecting differences in project size and system configuration, as well as the unique characteristics of certain individual projects. Consistent with continued cost reductions, current benchmarks for the installed cost of prototypical, large utility-scale PV projects generally range from $3.80/W to $4.40/W