

California Energy Commission Media Office

POWER PLANT FACT SHEET

Updated: 8/10/2011

(Includes: Approval of Palmdale Power Project and Termination of Imperial Valley Solar and East Altamont Energy Center.)

Since deregulation occurred in 1998, the Energy Commission has licensed or given small power plant exemptions to 77 power plants, totaling 29,120* megawatts (MW). Forty-eight licensed power plants are in operation, producing 16,635 MW. Since Governor Brown took office, 3 of these power plants, totaling 1,394 MW has been approved. In addition, 9 power plant projects are active in the Energy Commission's review process (excludes Two Suspended), representing 2,637 MW. Of those, 1 is a large-scale solar thermal projects totaling 500 MW.

- 5,605 MW of the total is from twelve projects that will not be built because the applicants either withdrew the license after Energy Commission approval or the time period for the license expired. Bottlerock geothermal repowering originally was slated at 20 MW but is only producing 17 MW.

Energy Commission Approved Projects (1998-2011)		
Projects Approved and On-line	48	16,635 MW
Projects Approved and Under Construction or Pre-Construction	26*	10,379.5 MW
Projects On Hold and Available for Construction	5*	3,139 MW
Projects Approved but then Cancelled by Applicants or Whose Licenses Expired	12	5,605 MW
Total Projects Approved Post-Restructuring	87	34,658.5 MW
<small>* Twenty-six power plant projects are under construction or in pre-construction stage. Five other projects have been approved, but construction is "on hold" for various reasons.</small>		

Total of Projects in Active Review	11	3,043 MW
Projects in Active Review that are large-scale solar thermal projects and will assist toward renewable portfolio standard	1	500 MW
Projects Suspended While In Review San Gabriel (656 MW, 07-AFC-2) suspended in review. Ridgecrest Solar (250 MW, 2009-AFC-9) suspended in review.	2	906 MW
Projects Denied or Terminated While In Review Orange Grove Energy (100 MW, 07-SPPE-2, Terminated 5/7/08) Eastshore Energy Center (116 MW, 06-AFC-6, Denied 10/8/08) Chula Vista Expansion (100 MW, 07-AFC-4, Denied 6/17/09) Highgrove Peaker (300 MW, 06-AFC-2, Terminated 2/4/2010)	4	616 MW

Power Plants Approved by Year		
2011	3 facilities	1,394 MW
2010	16 facilities	6,770.5 MW
2009	3 facilities	792 MW
2008	6 facilities	2,006 MW
2007	2 facilities	485 MW
2006	5 facilities 1 trans. line	558 MW
2005	3 facilities	680 MW
2004	7 facilities	4,575 MW+
2003	8 facilities	3,770 MW
2002	4 facilities	1,045 MW
2001	23 facilities + 1 amendment	6,270 MW (includes 265 MW amendment)
2000	6 facilities	4,347 MW
1999	3 facilities	2,219 MW
Total 1999- 2010	84 facilities	32,693.5 MW
MW On-line or Under Construction		31,947.3 MW
+ Includes 1,200 MW for Morro Bay (2 units mothballed).		

Power Plants On-Line by Year		
2011	1 facility	96 MW
2010	3-½ facilities*	1,319 MW
2009	4-½ facilities*	2,040 MW
2008	1 facility	93 MW
2007	2 facilities	177 MW
2006	5 facilities	1,487 MW*
2005	7 facilities	3,112 MW
2004	0 facilities	0 MW
2003	7-½ facilities*	3,668 MW*
2002	7 Facilities	2,729 MW*
2001	9-½ facilities*	1,914 MW
1999 & 2000	0 Facilities	0 MW
2001-20010	45 Facilities	15,716 MW
<p>* Note: Some units split dates when they come on line. We generally use the earliest date project first unit is on line in the totals for each year. See below for years.</p> <hr/> <p>2009 & 2010: Inland Empire (Unit 1 on line 1/28/09), Unit 2 on line 4/2010)</p> <p>2006: Riverside (Unit 1 on line 6/1/06, Unit 2 on line 7/26/06)</p> <p>2005: Mountainview (Unit 3 on line 12/9/05, Unit 4 on line 1/19/06, total MW added to 2005)</p> <p>2003: Sunrise Combined Cycle (265 MW in 2003) is added separately from Sunrise Simple Cycle (320 MW in 2001) because was done as amendment, but is counted as one facility in 2001.</p>		

2002: Huntington Beach (Unit 3 on line 7/31/02, Unit 4 on line 8/7/03,
total MW added to 2002.)