

California Energy Commission Media Office

POWER PLANT FACT SHEET

Updated: 2/8/09

(Includes: AES Highgrove Peaker project terminated 2/4/2010)

Since deregulation occurred in 1998, the Energy Commission has licensed or given small power plant exemptions to 70 power plants, totaling 26,344* megawatts (MW). Forty-four licensed power plants are in operation, producing 15,220 MW. (Note: One of the those 44 plants is partially on line, with the second 400 MW slated to come on line in January 2010.) Since Governor Schwarzenegger took office, 23 of these power plants, totaling 8,389 MW have been approved. In addition, 30 power plant projects are active in the Energy Commission's review process, representing 11,711.8 MW. Of those, 12 are large-scale solar thermal projects totaling 4,802.8 MW.

- 2,531 MW of the total is from eight 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 (1998-2009)		
Projects Approved and On-line	44	15,220 MW
Projects Approved and Under Construction or Pre-Construction	7*	2,178 MW
Projects On Hold and Available for Construction	12*	6,415 MW
Projects Approved but then Cancelled by Applicants or Whose Licenses Expired	8	2,531 MW
Total Projects Approved Post-Restructuring	70	26,344 MW
<p>* Six power plant projects and one transmission project are under construction or in pre-construction stage. 13 other projects have been approved, but only one is "available" with construction scheduled to begin December 2009; the other 12 being "on hold" for various reasons.</p>		

Total of Projects in Active Review	30*	11,711.8 MW
Projects in Active Review that are large-scale solar thermal projects and will assist toward renewable portfolio standard	12	4,802.8 MW
Projects Suspended While In Review San Gabriel (656 MW, 07-AFC-2) suspended in review.	1	656 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 9/24/08) Chula Vista Replacement (100 MW, 07-AFC-4, Denied 6/17/09) Highgrove Peaker (300 MW, 06-AFC-2, Terminated 2/4/2010)	4	616 MW
<p>* The 30 projects in review include major amendments to two previously approved peaker projects, Hanford and Henrietta. Both amendments add combined cycle systems to the peaker plants for an additional 25 MW each, for a total of 50 MW.</p>		

Power Plants Approved by Year		
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- 2009	70 facilities	26,344 MW
MW On-line or Under Construction		16,606 MW*
<p>+ Includes 1,200 MW for Morro Bay (2 units mothballed). * Excludes 2,531 MW unused licenses (see chart on right) and 6,511 MW approved and construction on hold or not yet started.</p>		

Power Plants On-Line by Year		
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	7.5 Facilities	3,668 MW*
2002	7 Facilities	2,729 MW*
2001	9.5 Facilities	1,914 MW
1999 & 2000	0 Facilities	0 MW
2001-2009	44 Facilities	15,220 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: Inland Empire (Unit 1 on line 1/28/09), Unit 2 on line 3/2010) 2006: Riverside (Unit 1 on line 6/1/06, Unit 2 on line 7/26/06) 2005: Mountainview (Unit 3 on line 12/9/05, Unit 4 on line 1/19/06, total MW added to 2005) 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. 2002: Huntington Beach (Unit 3 on line 7/31/02, Unit 4 on line 8/7/03, total MW added to 2002.)</p>		