

California Energy Commission Media Office

POWER PLANT FACT SHEET

Updated: 7/3/09

*(Includes Chula Vista [07-AFC-4] denied 6/17/09;
Mariposa Peaker AFC filed 6/15/09; Contra Costa AFC filed 6/30/09)*

Since deregulation occurred in 1998, the Energy Commission has licensed or given small power plant exemptions to 69 power plants, totaling 25,744* megawatts (MW). Forty-two licensed power plants are in operation, producing 14,230 MW. (Note: One of the those 42 plants is partially on line, with the second 400 MW slated to come on line by January 2010.) Since Governor Schwarzenegger took office, 22 of these power plants, totaling 7,789 MW have been approved. In addition, 25 power plant projects are active in the Energy Commission's review process, representing 10,893.8 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	42	14,230 MW
Projects Approved and Under Construction	7*	2,472 MW
Projects Approved and Available for Construction	13*	6,511 MW
Projects Approved but then Cancelled by Applicants or Whose Licenses Expired	8	2,531 MW
Total Projects Approved Post-Restructuring	69	25,744 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 two are available for construction; the other 11 being "on hold" for various reasons.</p>		

Total of Projects in Active Review	25	10,893.8 MW
Projects Suspended While In Review Community Power (565 MW, 07-AFC-7) suspended in review. Highgrove Peaker (300 MW, 06-AFC-2) suspended in review. San Gabriel (656 MW, 07-AFC-2) suspended in review.	3	1,521 MW
Projects Denied or Terminated While In Review During 2008 & 2009 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)	3	316 MW

Power Plants Approved by Year		
2009	2 facilities	182 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	69 facilities	25,744 MW
MW On-line or Under Construction		16,606 MW*
<p>+ Includes 1,200 MW for Morro Bay (2 units mothballed).</p> <p>* 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	2-½ facilities	1,050 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	39 Facilities	14,110 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 1/2010)</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> <p>2002: Huntington Beach (Unit 3 on line 7/31/02, Unit 4 on line 8/7/03, total MW added to 2002.)</p>		

Power Plants Retired by Year		
2006	2 units	1,539 MW
2005	0 units	0 MW
2004	20 units	1,725 MW
2003	25 units	2,024 MW
2002	23 units	807 MW
2001	3 units	39 MW
2000	1 unit	0.7 MW
1999	2 units	56 MW
Total 2001-2006	76 units	6,190.7 MW

Power Plants On-line Approved Outside CEC Jurisdiction 1999 to July 1, 2005 <small>(as of 7/1/05, projects less than 50 MW)</small>	2,664 MW
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Power Plants Mothballed	
As of 6/2/2006	1,358 MW

Unused Power Plant Licenses	
3 facilities cancelled by applicants after CEC approval (Pegasus Energy, Ramco Chula Vista 2, Hanford Energy Park)	342 MW
1 license expired due to lack of site control (Golden Gate Phase 1, 00-AFC-5)	51 MW
1 license expired after no construction progress (Midway-Sunset, 99-AFC-9)	500 MW
1 license expired after no construction progress (Three Mountain, 99-AFC-2)	500 MW
1 license expired after 37% construction completed (Valero Refinery Cogen, 01-AFC-5)	51 MW
1 license expired and no response from company about construction progress or status (San Joaquin Valley Energy Center – Calpine, 01-AFC-22)	1,087 MW
Total	2,531 MW

