

Updated 5/25/01

Table 1 Peaking Power Plant Sites Meeting Final Screening Criteria

Site (County or City))	Potential Peaking Capacity at Site	Distance from adequate transmission. (voltage)	Natural Gas Adequacy (Distance from site)	Is a turbine available? Site acreage available?	Can the turbine meet 25 ppm Nox? Are offsets available?	Are there any fatal flaws with using the site?	Incentives that would help development	What are the critical path items?	Contact
Existing Power Plant and Substation Sites									
Northern California									
Sites Near PG&E substations	Varies	Varies	Varies						For a list of t-line and gas capacity near PG&E substations contact: Mark Hesters (916) 654-5049
Proctor & Gamble (Sacramento)	50 MW, 100 MW with issues – site visit confirmed 3/7/01.	Onsite	Yes for 50 MW; engineering issues for 100 MW	No Turbine Adequate Acreage		No	ERCs, Equipment, financing	Equipment (turbine) acquisition	Contact: Mhesters@energy.state.ca.us
Proprietary ¹ (SF Bay Area)	276 MW (6 units @ 46 MW each)	Onsite	Onsite	Turbine Available Adequate acreage	Turbine can meet 9 ppm Nox. No Offsets	No	Faster Permitting & Tax incentives	-Permits -T-line & gas connection	Calpine Jim Macias, VP (925) 600-2306
Proprietary (SF Bay Area)	46 MW	Onsite	Onsite	Turbine Available Adequate acreage	Turbine can meet 9 ppm Nox. No Offsets	No	Faster Permitting & Tax incentives	-Permits -T-line & gas connection	Calpine Jim Macias, VP (925) 600-2306
San Diego									
The supply of natural gas in San Diego is very limited and makes all potential sites in the area questionable.									

¹ Shading indicates turbine available for site.

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Southern California									
Inland Paperboard and Packaging (Ontario)	100 + MW 10-12 Acres Site visit confirmed 3/7/01 but site not feasible until 2002.	66 kV and 230 kV onsite	Onsite	No turbine Adequate acreage		No.	Arrangement with developer.		Inland Container Corporation (909) 292-1055 *Art Martin Engineering and Maintenance Manager (909) 292-7359
Mountainview Power Company (San Bernardino)	100 MW	66 kV lines onsite	Onsite – Capacity unknown	No Turbine Adequate Acreage		No		-Permits -Payments	Thermo Ecotek Tony Wetzel, (916) 677-1717
Watson Cogeneration (Kern)	80 MW	Onsite	Onsite	Uncertain		No	Waive ERC requirement	-Turbine acquisition -building contractor	Patrick King Exec Director (310) 816-1721
HED Energy Harper Lake (San Bernardino)	84+MW in 2001 750 MW by 2002	230 kV (ISO) line & 510 kV LADWP line onsite	6-inch 850 psi SW gas line onsite	No More than 1500 acres of land and 9,380 ac. ft. of water each yr.	N/A- Partial credits available.	Partial t-line constraints Cost to upgrade being studied.	Long term purchase agreement. Assistance with upgrading transmission lines.	Peak load contract and Long term contract sought.	HED Energy Henry Orlosky (916) 939-3388 Owner Developer
Developer Proposed Sites									
Northern California									
Proprietary (Sacramento Valley)	45 MW	May need minimal line	May need minimal line	Turbine Available Adequate acreage	Yes Unknown	No	Capacity payments, energy payment based on fuel cost		Calpine Jim Macias, VP (925) 600-2306
Proprietary (SF Bay Area)	135 MW	May need minimal line	May need minimal line	Turbine Available Adequate acreage	Yes Unknown	No	Capacity payments, energy payment based on fuel cost		Calpine Jim Macias, VP (925) 600-2306

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Lambie Industrial Park (Solano)	100 + MW loop into 230 kV line	Yes, .3 miles to 230 kV	Yes, 1 mile	Turbine Available Adequate acreage	Yes Unknown	No		Turbine delivery July & Aug 2001	Sterling Energy Hal Mitchell (949) 248-2917
Planergy (East Palo Alto)	80 MW Site visit confirmed 3/8/01	100 feet	1250 feet	No turbine Adequate acreage	N/A	Potential envrnmntl justice issues			Environmental Science Associates Stuart Russell (415) 896-5900
Proprietary (Monterey)	50-100 MW	115 kV	Yes	Maybe Adequate acreage		No		Developer interested in acquiring new equipment	Phil Consiglio (818) 842-2020
San Diego									
San Diego, Kearney (San Diego)	50 MW	Yes	Onsite	Turbine Available Adequate acreage	Yes, current permits	No		Currently operating but not grid connected	Developer determining whether they will participate
Southern California									
Central CA, Location Proprietary	190 MW – Site visit confirmed 3/9/01.	70 kV and 115 kV onsite	Onsite	Turbine available Adequate acreage		No		Appears to be discussing base load facility	Lloyd Prevost (818) 899-8682
Mojave Airport (East San Bernardino)	180 MW – Site visit 3/6/01	115 kV traverses site	32" and 40 " near site	Turbine Available Adequate acreage		Possible presence of desert tortoise		Working with Phil Zimmerman	Lloyd Prevost (818) 899-8682
Indeck Ontario Cogeneration (Ontario)	50+MW Site visit confirmed	66 kV onsite	High pressure onsite	No turbine but contacting brokers 5 acres	N/A			Need ERCs and equipment	Maurice Kleker (847)459-4250

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Westend (San Bernardino)	50 MW Site visit confirmed	Onsite. Need study to confirm.	Onsite	No turbine Adequate acreage	N/A	Need turbine, bidding w/DWR for 31 MW by 2002		Interconnection study and equipment acquisition	West End Power Larry Trowsdale (760) 372-2042
Sithe Energies	47-80 MW Site visit confirmed 3/14/01	Onsite	May require some modification	Turbine available Adequate acreage	No		ERC flexibility	Air permit	Dave Hermanson 805-385-6375
Coldgen; Sunlaw Cogeneration No. 1 (Vernon)	15 MW site visit confirmed 3/14/01	Yes	Yes	No turbine Adequate acreage	N/A	No	Permit streamlining	Have been trying to site a peaking unit in the city of Vernon	Tim Smith or Gene Kelley at Sunlaw (323) 233-2224
Campion Wind Farm (Los Banos)	30 MW	On-site	~1 mile	No Turbine Adequate Acreage					Thomas Miller or Dr Donn Campion (408) 737-7411
Oil and Gas Industry Sites									
Northern California									
Foster-Wheeler Martinez Cogen L.P. (Contra Costa)	300+ MW	230 KV transmission line may have limited capacity	PG&E main pipeline adjacent to plant site.	No turbine Adequate acreage		No	Payment guarantees and regulatory certainty that CPUC would not overturn.	Permits, Need one year to bring plant on-line	Phil Porter, Project Manager (925) 313-0800
Valero Refinery (Benicia)	50-100 MW	Adjacent	Onsite, some gas from refinery	Turbine Available Adequate acreage	Yes/Yes	No		Working with Calpine as partner	Richard Marcogliese (707) 745-7724
San Diego									
Southern California									
Elk Hills Occidental (Kern)	45 MW Site visit confirmed 3/8/01.	Onsite	Onsite	No Turbine Adequate Acreage		No		Interested in buying equipment	Jeff Hanig (713) 215-7765

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Nuevo Energy (Kern)	50-100 MW Site visit confirmed 3/8/01.	1000 feet to transmission corridor.	Onsite	No Turbine Adequate Acreage		No		Turbine availability Has letter of intent for ~100 MW	Dale Harper (713) 374-4865
Nuevo Energy (Rincon/ Ventura)	50-100 MW Site visit confirmed 3/12/01.	16 kV onsite	Unknown	No Turbine Adequate Acreage		No		Interested in shared ownership w/ developer/ operator	Dale Harper (713) 374-4865
Texaco (Kern)	100 MW Could be room for more	Onsite	Onsite	No Turbine Adequate acreage		No		Interested in working with a developer, would contract for steam	Paul Pilger (661) 864-3124
Stocker 1 (Montebello)	50-100 MW Site visit confirmed 3/8/01, good site for 2002	Onsite	Yes	No turbine Adequate acreage		May be gnatcatcher habitat		Interested in a joint venture with a developer.	Steve Rusch (323) 298-2223
Stocker 2 (Inglewood)	50-100 MW Site visit confirmed 3/8/01, good site for 2002	Onsite	Yes	No turbine Adequate acreage		No		Interested in leasing land to project developer/ operator.	Steve Rusch (323) 298-2223
Stocker 3 (Arroyo Grande)	50-100 MW 50-100 MW Site visit 3/12 confirmed, good site.	230 kV adjacent	4-inch line nearby	No Turbine Adequate Acreage		No		Interested in either owning and operating or leasing land	Steve Rusch (323) 298-2223
Venoco (Santa Barbara)	50-100 MW	Onsite	Onsite	No Turbine Adequate Acreage		No		Turbine acquisition	Rod Eson (805) 966-9980
Midway Sunset Southstar Project, Texaco (Kern)	50 MW – Site visit confirmed 3/7/01	Onsite	Onsite	No Turbine Adequate Acreage					Texaco Worldwide Paul Pilger (661) 864-3124

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Venoco (Ventura)	50-100	Onsite	Onsite	No Turbine Adequate Acreage		No		Turbine acquisition	Rod Eson (805) 966-9980

Past Application Sites

To avoid duplication, these sites are represented in other categories.

Local Government Sites

Northern California

City of Santa Clara Clara Gianera Substation (Santa Clara)	100 MW Site visit confirmed 3/2/01.	115 kV Onsite	250 feet	2 LM6000s expected delivery 4/01 Adequate Acreage	Yes	No	Expedite ARB/CEC approval	Interested in leasing land to developer	Ron Davis, Principal Consultant (916) 961-5938
Lodi	50 MW	Yes	Yes	No turbine Adequate acreage		No	Negotiable		Electric Utility Director Alan Vallow (209)333-6762 (209) 969-9023
Lodi	50 MW	Yes	Yes	No turbine Adequate acreage		No			Electric Utility Director Alan Vallow (209)333-6762 (209) 969-9023
City of Santa Clara Kifer Substation (Santa Clara)	50 MW Site Not ready before 2002	Yes	100 feet	No turbine Adequate Acreage				Scheduled for 2002,	Ron Davis, Principal Consultant 916 961-5938
City of Santa Clara Scott Substation (Santa Clara)	100 MW Site Not ready before 2002	Adjacent	1,200 feet	No turbine Adequate Acreage				Scheduled for 2002,	Ron Davis, Principal Consultant 916 961-5938
City of Lancaster	50 MW Site visit confirmed 3/6/01, city support	700 feet to 66 kV	1,324 feet	No turbine Adequate Acreage	N/A	T-line constraint issues			City of Lancaster, Public Works Jeff Long

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Alameda Naval Air Station (Alameda)	50-100 MW	Yes	Yes	No turbine Adequate acreage			Have Offsets		Alameda Municipal Utility Bill Garvine (510)748-3913
City of Redding (Redding)	43 MW In Process Could add 50-100 MW Site Visit 3/12/01 confirmed, good site for 2002.	Yes	Yes	Yes, 43 MW ordered. Adequate Acreage		No	Waiting for ARB permits	Interested in acquiring additional equipment	Pat Keener (530) 245 7244
San Diego									
Southern California									
Pitchess Cogeneration (Los Angeles Co. Pitchess Honor Farm)	50 MW Site visit confirmed 3/6/01 – negotiations may make infeasible until 2002.	66kV Onsite	Onsite	No Turbine Adequate Acreage		No		Interested in leasing land to project owner/ developer	*Howard Choy Director of Energy Management (323) 881-3939 *Jim Van Zuilen Manager of Power Plants (323) 267-2254
Other Government Owned Sites (military)									
Northern California									
Moffett Field (San Mateo)	100-200 MW for 2002	Onsite. Circuit breakers may need replacing	~ _ miles away	No turbine				Circuit Breakers may take 1 year to replace	Steve Frankel Energy Manager 650.604.4214 NASA

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State Owned Sites									
Northern California									
Central Calif. Women's Facility (Chowchilla)	100 + MW Site visit confirmed	230 kV lines across property	4-miles to PG&E mains along Highway 99	No Turbine Adequate Acreage	N/A	No			Harry Franey Dept of Corrections (916)327-1134
Wasco State Prison (Wasco)	100 MW Site visit confirmed	115 kV lines and 70 KV substation onsite	8-9 miles along easements to PG&E mains	No Turbine Adequate Acreage					Harry Franey Dept of Corrections (916)327-1134