

Resource Type Date Max Gen MinGen HeatRate
California Resources used in ACME

Pacific Gas & Electric Co.

Resource Type	Date	Max Gen	MinGen	HeatRate	
Nuclear		1073	322	10500	Diablo Canyon 1
		1087	324	10500	Diablo Canyon 2
Gas Turbine		49		13020	Hunters Point
		15		14500	Mobile Unit 1
		15		14500	Mobile Unit 2
		15		14500	Mobile Unit 3
		51		13000	Oakland 1
		51		13000	Oakland 2
		51		13000	Oakland 3
		49		12780	Potrero 4
		49		12735	Potrero 5
		49		12900	Potrero 6
Steam Turbine		116	10	11475	Contra Costa 1
		116	10	11272	Contra Costa 2
		117	10	10491	Contra Costa 4
		115	10	10675	Contra Costa 5
		340	46	8942	Contra Costa 6
		340	46	8942	Contra Costa 7
		52	5	11462	Humbolt Bay 1
		53	5	11041	Humbolt Bay 2
		107	10	11477	Hunters Point 2
		107	10	11634	Hunters Point 3
		163	82	9625	Hunters Point 4
		163	31	9449	Morro Bay 1
		163	31	9784	Morro Bay 2
		338	46	8980	Morro Bay 3
		338	46	9331	Morro Bay 4
		117	10	13512	Moss Landing 3
		117	10	9036	Moss Landing 4
		117	10	9611	Moss Landing 5
		739	50	8264	Moss Landing 6
		739	50	8029	Moss Landing 7
		163	31	9622	Pittsburg 1
		163	31	9243	Pittsburg 2
		163	31	9715	Pittsburg 3
		163	31	9687	Pittsburg 4
		325	46	9027	Pittsburg 5
		325	46	9034	Pittsburg 6
		720	120	8804	Pittsburg 7
		207	47	9376	Potrero 3
Geothermal		791			The Geysers Complex
	Jan93	-35			The Geysers Complex
	Jan94	-65			The Geysers Complex
	Jan95	-30			The Geysers Complex
Solar		1			PVUSA 1
		1			PVUSA 2
	Jan95	1			PVUSA 3
QFs		2291			Gas Fired QFs
	Jan93	64			Gas Fired QFs
	Jan94	59			Gas Fired QFs
	Jan95	289			Gas Fired QFs
		295			Coal Fired QFs

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	Jan93	12			Coal Fired QFs
		306			Nonfossil QFs
		466			Biomass QFs
	Jan93	7			Biomass QFs
	Jan95	8			Biomass QFs
		43			Landfill QFs
	Jan94	6			Landfill QFs
	Jan95	4			Landfill QFs
		146			Geothermal QFs
	Jan93	80			Geothermal QFs
		5			Solar QFs
		200			Hydro QFs
	Jan94	-1			Hydro QFs
	Jan95	-2			Hydro QFs
		851			Wind QFs
Hydro		1			Alta
		1			Angels
		34			Balch 1
		105			Balch 2
		125			Belden
		172			Black
		58			Bucks Creek
		40			Butt Valley
		75			Caribou 1
		120			Caribou 2
		2			Centerville
		2			Chili Bar
		1			Coal Canyon
		6			Coleman
		0			Cow Creek
		1			Crane Valley
	Jan95	1			Crane Valley
		72			Cresta
		5			Deer Creek
		18			De Sabla
		54			Drum 1
		49			Drum 2
		23			Dutch Flat 1
		21			El Dorado
		92			Electra
		123			Haas
		11			Halsey
		2			Hamilton Branch
		3			Hat Creek 1
		5			Hat Creek 2
		3			Inskip
		0			Kerckhoff 1
		152			Kerckhoff 2
		1			Kern Canyon
		1			Kilarc
		52			Kings River
		1			Lime Saddle
		2			Merced Falls
		4			Murphys
		2			Narrows 1

Resource Type	Date	Max Gen	MinGen	HeatRate	
		8			Newcastle
		1			Oak Flat
		2			Phoenix
		57			Pit 1
		71			Pit 3
		95			Pit 4
		156			Pit 5
		77			Pit 6
		112			Pit 7
		115			Poe
		9			Potter Valley
		114			Rock Creek
		33			Salt Springs
		8			San Joaquin 1A,2&3
		3			South
		5			Spaulding 1
		3			Spaulding 2
		6			Spaulding 3
		3			Spring Gap
		90			Stanislaus
		58			Tiger Creek
		2			Toadtown
		5			Tule
	Jan95	0			Tule River
		5			Volta 1
		1			Volta 2
		13			West Point
		14			Wise 1
		1			Wise 2
		20			Wishon
		1006			Trinity Cmplx USBR
		136			Dion R. Holm CCSF
		50			Kirkwood CCSF
		37			Kirkwood 3 CCSF
		88			Moccasin CCSF
		3			Moccasin Low Head
		1			Pardee EBMUD
		7			Camanche EBMUD
		74			Exchequer MEID
		0			Canal Creek MEID
		0			Fairfield MEID
		5			McSwain MEID
		0			Parker MEID
		42			Chicago Park NID
		0			Combie South NID
		26			Dutch Flat 2 NID
		5			Rollins NID
		0			Scott's Flat NID
		27			Forbestown OWID
		9			Kelly Ridge OWID
		5			Sly Creek OWID
		49			Woodleaf OWID
		5			Beardsley O&SSJID
		67			Donnells O&SSJID
		0			Frankenheimer O&SS

Resource Type	Date	Max Gen	MinGen	HeatRate	
		5			Tulloch O&SSJID
		0			Woodward O&SSJID
		15			French Mdws PCWA
		0			Hell Hole PCWA
		120			Middle Fork PCWA
		7			Oxbow PCWA
		85			Ralston PCWA
		7			Monticello SID
		13			Narrows 2 YCWA
		273			Colgate YCWA

Sacramento Municipal Utility Dist.

Gas Turbine		49			McClellan
Diesel		9			Rancho Seco Diesel
Geothermal		62			Coldwater Creek
		68			Geo 1
	Jan93	-5			Geo 1
	Jan95	-1			Geo 1
Hydro		146			Camino 1&2
		1			Camp FarWest SSWD
		135			Jaybird 1&2
		10			Jones Fork
		76			Loon Lake
		21			Robbs Peak
		36			Union Valley
		217			White Rock 1&2

Northern California Power Agency

Gas Turbine		19			Alameda 1
		19			Alameda 2
		19			Lodi
		19			Roseville 1
		19			Roseville 2
Geothermal		205			NCPA Geoth Complex
	Jan93	-30			NCPA Geoth Complex
	Jan94	-24			NCPA Geoth Complex
	Jan95	-24			NCPA Geoth Complex
Hydro		159			Calaveras-Collierville

Modesto Irrigation Dist.

Gas Turbine		61			McClure 1
		61			McClure 2
Coal	Jan94	143		19.9 m	San Juan 4 MSR
Geothermal		48			Coldwater Creek
Hydro		55			Don Pedro 1-4
		0			New Hogan CCWD

Santa Clara Electric Dept.

Gas Turbine		6			Alameda 1
		6			Alameda 2
		6			Lodi
		6			Roseville 1
		6			Roseville 2
		25			Gianera 1
		25			Gianera 2
Geothermal		12			Coldwater Creek
Cogeneration		6			Santa Clara
Hydro		93			Calaveras-Collierville
		6			Black Butte

Resource Type	Date	Max Gen	MinGen	HeatRate
		1		Highline Canal
		5		Stoney Gorge
	Jan94	20		Grizzly

Redding Electric Dept.

Gas Turbine	Jan93	35		IPT
Steam Turbine	Jan93	30		Redding Power
Hydro		1		Whiskeytown

Turlock Irrigation Dist.

Gas Turbine		23		Walnut 1
		23		Walnut 2
Hydro		128		Don Pedro 1-4
		1		Hickman 1-2
		5		La Grange 1-2
		2		Turlock Lake 1-3
		6		Upper Dawson

Southern California Edison Co.

Gas Turbine		133		16500	Alamitos 7
		48		12500	Ellwood 1
		126		16500	Etiwanda 5
		133		16500	Huntington Beach 5
		140		16500	Mandalay 3
		43		16140	Anaheim
		11		12500	Vernon 1-2 VERN
Steam Turbine		175	10	9541	Alamitos 1
		175	10	9696	Alamitos 2
		320	20	8779	Alamitos 4
		480	180	8983	Alamitos 5
		480	180	8990	Alamitos 6
		65	17	9716	Cool Water 1
		81	19	9711	Cool Water 2
		175	10	9783	El Segundo 1
		175	10	10015	El Segundo 2
		335	20	8609	El Segundo 3
		335	20	8751	El Segundo 4
		320	20	8757	Etiwanda 3
		320	20	8923	Etiwanda 4
		215	20	8876	Huntington Beach 1
		215	20	9108	Huntington Beach 2
		215	20	8758	Mandalay 1
		215	20	8822	Mandalay 2
		750	250	8933	Ormond Beach 1
		750	50	8773	Ormond Beach 2
		175	10	9124	Redondo Beach 5
		175	10	9449	Redondo Beach 6
		480	180	8733	Redondo Beach 7
		480	180	8675	Redondo Beach 8
Combined Cycle		241	70	7385	Cool Water 3
		241	70	7385	Cool Water 4
		303	65	10084	Long Beach 8
		227	65	10084	Long Beach 9
Diesel		20		10750	Diesel 1-5 VERN
QFs		2470			Gas Fired QFs
		190			Coal Fired QFs
	Jan93	4			Coal Fired QFs
		248			Landfill QFs

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		100		Biomass QFs
		671		Geoth QFs
	Jan93	34		Geoth QFs
	Jan94	5		Geoth QFs
	Jan95	14		Geoth QFs
		385		Solar QFs
	Jan93	8		Solar QFs
		149		Hydro QFs
		1202		Wind QFs
	Jan95	52		MSW QFs
Hydro		18		Big Creek 1-1
		20		Big Creek 1-2
		17		Big Creek 1-3
		31		Big Creek 1-4
		16		Big Creek 2-3
		15		Big Creek 2-4
		17		Big Creek 2-5
		19		Big Creek 2-6
		49		Big Creek 2A-1
		49		Big Creek 2A-2
		35		Big Creek 3-1
		34		Big Creek 3-2
		34		Big Creek 3-3
		41		Big Creek 3-4
		38		Big Creek 3-5
		50		Big Creek 4-1
		50		Big Creek 4-2
		26		Big Creek 8-1
		39		Big Creek 8-2
		3		Bishop Creek 2-1
		2		Bishop Creek 2-2
		2		Bishop Creek 2-3
		3		Bishop Creek 3-1
		3		Bishop Creek 3-2
		3		Bishop Creek 3-3
		1		Bishop Creek 4-1
		1		Bishop Creek 4-2
		2		Bishop Creek 4-3
		2		Bishop Creek 4-4
		2		Bishop Creek 4-5
		2		Bishop Creek 5-1
		2		Bishop Creek 5-2
		2		Bishop Creek 6-1
		2		Borel 1
		2		Borel 2
		6		Borel 3
		1		Fontana 1
		1		Fontana 2
		3		Kaweah 1-1
		2		Kaweah 2-2
		2		Kaweah 3-1
		2		Kaweah 3-2
		6		Kern River 1-1
		6		Kern River 1-2
		6		Kern River 1-3

Resource Type	Date	Max Gen	MinGen	HeatRate		
		7			Kern River 1-4	
		18			Kern River 3-1	
		19			Kern River 3-2	
		2			Lundy 1	
		1			Lundy 2	
		1			Lytle Creek 1-2	
		94			Mammoth Pool 1	
		93			Mammoth Pool 2	
		1			Mill Creek 1-1	
		0			Mill Creek 2-1	
		1			Mill Creek 3-3	
		1			Mill Creek 3-4	
		1			Mill Creek 3-5	
		1			Ontario 1,2	
		10			Poole 1	
		11			Portal 1	
		5			Rush Creek 1	
		5			Rush Creek 2	
		2			San Gorgonio 1-1	
		1			San Gorgonio 2-1	
		1			Santa Ana 1-1	
		1			Santa Ana 1-2	
		1			Santa Ana 1-3	
		1			Santa Ana 1-4	
		1			Santa Ana 2-1	
		1			Santa Ana 2-2	
		2			Santa Ana 3-1	
		0			Shaver Micro 1	
		1			Sierra 1-2	
		1			Tule River 1	
		1			Tule River 2	
		1			San Gorgonio BANN	
		9			Foothill Feeder MWD	
		5			Lake Mathews MWD	
		10			San Dimas MWD	
		5			Yorba Linda Feeder M	
		52			Parker 1-4 MWD	
		22			Headgate 1-3 MWD	
		1204			Hoover California	
Coal		442		9.6 m	Mohave 1	56%
		442		9.6 m	Mohave 2	56%
		376		9.2 m	Four Corners 4	48%
		376		10.1 m	Four Corners 5	48%
Nuclear		349		10500	San Onofre 1	80%
		803		10500	San Onofre 2	75.05%
		811		10500	San Onofre 3	75.05%
		193		10500	Palo Verde 1	15.8%
		193		10500	Palo Verde 2	15.8%
		193		10500	Palo Verde 3	15.8%
		5		10500	Palo Verde 1	ABCV
		5		10500	Palo Verde 2	ABCV
		5		10500	Palo Verde 3	ABCV

Anaheim Public Utilities Dept.

Coal		106		12.7 m	Intermtn 1	13.2%
		106		12.7 m	Intermtn 2	13.2%

Resource Type	Date	Max Gen	MinGen	HeatRate		
Nuclear		34		10500	San Onofre 2	
		34		10500	San Onofre 3	

Riverside Utilities Dept.

Coal		61		12.7 m	Intermtn 1	
		61		12.7 m	Intermtn 2	
Nuclear		19		10500	San Onofre 2	
		19		10500	San Onofre 3	
		4		10500	Palo Verde 1	0.32%
		4		10500	Palo Verde 2	0.32%
		4		10500	Palo Verde 3	0.32%

Los Angeles Dept. of Water and Power

Gas Turbine		19	8	11059	Harbor 6	
		19	8	11059	Harbor 7	
		19	8	11059	Harbor 8	
		19	8	11059	Harbor 9	
Steam Turbine		222	50	8693	Haynes 1	
		222	50	8870	Haynes 2	
		222	50	8832	Haynes 3	
		222	50	8949	Haynes 4	
		341	120	8899	Haynes 5	
		341	120	8937	Haynes 6	
		179	40	9127	Scattergood 1	
		179	40	9632	Scattergood 2	
		445	60	8841	Scattergood 3	
		95	10	10848	Valley 1	
		99	10	10169	Valley 2	
		163	40	9508	Valley 3	
		160	40	10026	Valley 4	
Combined Cycle	Dec93	120			Harbor 4 repowering	
	Dec93	120			Harbor 5 repowering	
QFs		214			Gas Fired QFs	
	Jan93	90			Gas Fired QFs	
		35			Landfill QFs	
		1			Hydro QFs	
Hydro		81			Aqueduct Complex	
		9			Owens Valley Cmplx	
		110			Owens Gorge Cmplx	
Coal		158		9.6 m	Mohave 1	20%
		158		9.6 m	Mohave 2	20%
		159		9.7 m	Navajo 1	21.2%
		159		9.7 m	Navajo 2	21.2%
		159		9.7 m	Navajo 3	21.2%
		357		12.7 m	Intermtn 1	44.617%
		145		12.7 m	Intermtn 1	layoff
		357		12.7 m	Intermtn 2	44.617%
		145		12.7 m	Intermtn 2	layoff
Nuclear		118		10500	Palo Verde 1	9.66%
		118		10500	Palo Verde 2	9.66%
		118		10500	Palo Verde 3	9.66%

San Diego Gas and Electric Co.

Gas Turbine		39	4	15102	Miramar	
		23	12	10942	Naval Station	
		19	2	10136	North Island 1	
		19	2	10834	North Island 2	
		16	2	11062	NTC Central Plant	

Resource Type	Date	Max Gen	MinGen	HeatRate	
		19	3	10436	South Bay
		16	2	11155	Division
		16	2	11545	El Cajon
		16	3	10663	Encina
		17	2	10951	Kearney 1
		66	8	16614	Kearney 2
		66	8	16875	Kearney 3
Steam Turbine		105	20	10142	Encina 1
	Feb95	-105		7696	Encina 1 repowering
		104	20	10167	Encina 2
		110	20	10191	Encina 3
		290	60	10908	Encina 4
		318	60	10100	Encina 5
		147	30	9216	South Bay 1
		150	30	9647	South Bay 2
		169	50	9892	South Bay 3
	Jun93	300		7152	South Bay 3
		222	45	11202	South Bay 4
Combined Cycle	Mar95	185		6767	Encina 1 repowering
QFs		239			Gas Fired QFs
	Jan94	25			Gas Fired QFs
		1			Oil Fired QFs
		11			Landfill QFs
		5			Hydro QFs
	Jan94	2			Solar QFs
Nuclear		87		10500	San Onofre 1 20%
		-436		10500	San Onofre 1 retired
		214		10500	San Onofre 2 20%
		216		10500	San Onofre 3 20%

Imperial Irrigation Dist.

Gas Turbine		9			Brawley 1
		9			Brawley 2
		20			Coachella 1
		20			Coachella 2
		20			Coachella 3
		20			Coachella 4
		25			Rockwood 1
		25			Rockwood 2
Steam Turbine		20			El Centro 1
		32			El Centro 2
		80			El Centro 2 repower
		48			El Centro 3
		80			El Centro 4
		22			Yuma Axis 2
		50			Yuma Axis 1 66.7%
Geothermal	May93	18			Magma Power
Hydro		24			IID Hydro
		33			Davis 1-5 Calif
Nuclear		4		10500	Palo Verde 1 0.38%
		4		10500	Palo Verde 2 0.38%
		4		10500	Palo Verde 3 0.38%

Burbank Public Service Dept.

Gas Turbine		22			Magnolia 5
		24			Olive 3
Coal		27		12.7 m	Intermtn 1 3.371%

Resource Type	Date	Max Gen	MinGen	HeatRate	
		6		12.7 m	Intermtn 1 layoff
		27		12.7 m	Intermtn 2 3.371%
		6		12.7 m	Intermtn 2 layoff
Nuclear-BGP		10		10500	Palo Verde 1 0.78%
		10		10500	Palo Verde 2 0.78%
		10		10500	Palo Verde 3 0.78%
Steam Turbine		21			Magnolia 3
		32			Magnolia 4
		46			Olive 1
		55			Olive 2
Combined Cycle		32			Burbank (Mag2/Olv4)

Glendale Public Service Dept.

Gas Turbine		18			Grayson 6
		21			Grayson 7
Coal		14		12.7 m	Intermtn 1 1.704%
		4		12.7 m	Intermtn 1 layoff
		14		12.7 m	Intermtn 2 1.704%
		4		12.7 m	Intermtn 2 layoff
Steam Turbine		19			Grayson 3
		44			Grayson 4
		42			Grayson 5
Combined Cycle		95			Grayson 8 incl 1&2

Pasadena Water and Power Dept.

Gas Turbine		26			Glenarm 1
		26			Glenarm 2
Coal		35		12.7 m	Intermtn 1 4.409%
		13		12.7 m	Intermtn 1 layoff
		35		12.7 m	Intermtn 2 4.409%
		13		12.7 m	Intermtn 2 layoff
Steam Turbine		42			Broadway 1
		42			Broadway 2
		66			Broadway 3
Hydro		2			Azusa

California Dept. of Water Resources

Wind		0			Bethany Wind Park
Hydro		0			Alamo 1
		60			Devil Canyon 1&2
	Jan94	160			Devil Canyon 3&4
		570			Hyatt-Thermalito
		3			Thermalito Div. Dam
		0			William Warne 1-2
	Jan95	32			Mohave Siphon 1-3
		0			Pine Flat 1-3 KRCD
Coal		179		17.7 m	Reid Gardner 4 67.8%
		60		17.7 m	Reid Gardner 4 layoff

ISW Resources used in ACME

Generic ISW Resources

Spot Capacity		100		15000	ACME required
		100		15000	ACME required
		100		15000	ACME required
		100		15000	ACME required

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		100		15000	ACME required
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		100		15000	ACME required
		100		15000	ACME required
		100		15000	ACME required

Nevada Power Co.

Steam Turbine		42		10294	Clark 1
		66		9561	Clark 2
		67		10767	Clark 3
		80		9516	Sunrise 1
Gas Turbine		50		12506	Clark 4
		70		12310	Clark 5
	Jun93	-70		12310	Clark 5 conversion
		70		12310	Clark 6
	Jun93	-70		12310	Clark 6 conversion
		73		12889	Clark 7
	Jun94	-73		12889	Clark 7 conversion
		73		12889	Clark 8
	Jun94	-73		12889	Clark 8 conversion
		69		10106	Sunrise 2
		70			Sun Peak 1
		70			Sun Peak 2
		70			Sun Peak 3
	Jun94	70			Allen 1
	Jun94	70			Allen 2
	Jun95	70			Allen 3
	Jun95	70			Allen 4
Combined Cycle		90			Saguaro
	Jun93	236			Clark 9
	Jun94	236			Clark 10
Coal		110		19.5 m	Reid Gardner 1
		110		18.3 m	Reid Gardner 2
		110		19.6 m	Reid Gardner 3
		85		17.7 m	Reid Gardner 4 32.2%
		-60		17.7 m	Reid Gardner 4 layoff
		111		9.6 m	Mohave 1 14%
		111		9.6 m	Mohave 2 14%
		85		9.7 m	Navajo 1 11.3%
		85		9.7 m	Navajo 2 11.3%
		85		9.7 m	Navajo 3 11.3%
Co-Generation		85			Bonneville B Co-Gen
	Jul94	45			Oxford
	Jul94	45			Oxford

Deseret G&T Coop.

Hydro		10			Misc hydro
Coal		404		23.7 m	Bonanza 96.25%
		157		7.5 m	Hunter 2 39.69%
Co-Generation		3			IRC 1&2

Utah Municipal Power Agency

Coal		16		23.7 m	Bonanza 3.75%
		8		18.0 m	Provo City 4
Internal Comb.		10			Provo City 1-4
Geothermal		4			Cove Fort

Resource Type	Date	Max Gen	MinGen	HeatRate	
		7			Cove Fort
Hydro		20			Misc Hydro 14 units

Utah Associated Municipal Power System

Coal		25		7.7 m	Hunter 1 6.25%
Internal Comb.		14			Bountiful City 1-7
		2			Heber City 1-4
		1			Heber City 5
		1			Heber City 6
		5			Logan City 2-6
		7			Murray City 1-4
		5			Payson 1-2
		14			St George 1-2
		14			Springville 1-2
Hydro		32			Misc Hydro 30 units
		4			Gateway WBWCD
		2			Wanship WBWCD
		2			Pineview 2
		2			East Canyon 1&2

Pacificorp

Hydro		5			Ashton 1-3
		1			Cal-Pac Hydro 1-4
		7			Cove
		29			Cutler 1-2
		33			Grace 1-5
		28			Oneida 1-3
		4			Pioneer 1-2
		7			Soda 1-2 capacity ltd
		1			Upper Beaver 1-2
		2			Weber
		9			Misc Hydro 21 units
	Jan93	1			CEM
	Jan93	8			Environmental Energy
	Jan93	2			Marsh Valley
Coal		66		10.2 m	Carbon 1
		105		9.3 m	Carbon 2
	Jul93	56		9973	Gadsby 1
	Jul93	75		10.0 m	Gadsby 2
		97		10.0 m	Gadsby 3
		370		7.7 m	Hunter 1 93.75%
	Jul94	28		7.7 m	Hunter 1 uprate
		238		7.5 m	Hunter 2 60.31%
	Jul93	28		7.5 m	Hunter 2 uprate
		395		7.3 m	Hunter 3
	Jul94	28		7.3 m	Hunter 3 uprate
		400		8.5 m	Huntington 1
	Jul93	28		8.5 m	Huntington 1 uprate
		431		8.5 m	Huntington 2
		160		12.1 m	Naughton 1
		210		12.4 m	Naughton 2
		330		11.5 m	Naughton 3
		200		15.1 m	Cholla 4
		32		12.7 m	Intermtn 1 4%
		32		12.7 m	Intermtn 2 4%
Gas Turbine		15			Little Mountain
Geothermal		21			Blundell 1

Resource Type	Date	Max Gen	MinGen	HeatRate	
Co-Generation		17			Lehi Co-Gen
	Jan93	45			Kaiser Co-Gen

Sierra Pacific Power Co.

Hydro		3			Farad
		2			Fleish
		2			Lahontan
		2			Verdi
		2			Washoe
		1			26' Drop
		1			F. Hooper
		4			TCID
Steam Turbine		113		10253	Fort Churchill 1
		113		10577	Fort Churchill 2
		53		11578	Tracy 1
		83		10121	Tracy 2
		108		9724	Tracy 3
Coal		129		19.5 m	Valmy 1 50%
		137		19.2 m	Valmy 2 50%
Gas Turbine		10		11153	Tracy 1
		10		11153	Tracy 2
		12		9819	Winnemucca
Internal Comb.		7		10600	Battle Mtn Diesel 1-4
		5		10600	Brunswick Diesel 1-3
		2		10600	Fallon Diesel 1
		5		10600	Gabbs Diesel 1-2
		16		10600	Kings Beach Diesl 1-6
		5		10600	Portola Diesel 1-3
		5		10600	Valley Road Diesl 1-3
Co-Generation		10			SPI
Geothermal		3			Amor II
		9			Desert Peak
		5			Far West 1-1A
	Nov92	9			Far West 2
	Nov93	9			Far West 3
		2			Ormat-Soda Lake 1
		10			Ormat-Soda Lake 2
		5			Steamboat
		-5			Steamboat
	Nov92	9			Steamboat 2
		7			Stillwater
		2			Tads 1-2
		11			Yankee Caithness
		12			Geoth Power Partners
		6			Bradys Hot Springs
	Nov92	11			Ormat A
	Nov93	11			Ormat B
	Nov92	4			San Emidio 1
	Nov95	18			San Emidio 2

USBR - Upper Colorado Region

Hydro		132			Flaming Gorge 1-3
		6			Flaming Gorge 3 add
		6			Flaming Gorge 1add
		6			Flaming Gorge 2 add
		13			Fontenelle
		1300			Glen Canyon 1-8

Resource Type	Date	Max Gen	MinGen	HeatRate	
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Arizona Electric Power Coop. Inc.

Combined Cycle		81			Apache 1
Coal		175		18.2 m	Apache 2
		175		18.2 m	Apache 3
Gas Turbine		20			Apache 2
		69			Apache 3

Arizona Public Service Co.

Hydro		5			Childs 1-3
		-2			Childs 1-3 water limit
	Jan95	2			Childs 1-3
		1			Irving
Coal		110		14.6 m	Cholla 1
		235		14.4 m	Cholla 2
		245		14.5 m	Cholla 3
		170		10.8 m	Four Corners 1
		170		10.8 m	Four Corners 2
		220		10.8 m	Four Corners 3
		118		9.2 m	Four Corners 4 15%
		118		10.1 m	Four Corners 5 15%
		105		9.7 m	Navajo 1 14.0%
		105		9.7 m	Navajo 2 14.0%
		105		9.7 m	Navajo 3 14.0%
Nuclear		355		10500	Palo Verde 1 29.1%
		355		10500	Palo Verde 2 29.1%
		355		10500	Palo Verde 3 29.1%
Gas Turbine		21			Douglas
		56		10754	Ocotillo 1
		56		10742	Ocotillo 2
		56			Phoenix 1
		56			Phoenix 2
		55			Saguaro 1
		55			Saguaro 2
		19		10150	Yucca 1
		19			Yucca 2
		55			Yucca 3
		54			Yucca 4
Steam Turbine	May93	115		9335	Ocotillo 1
	Oct93	-115		9335	Ocotillo 1 out
	May94	115		9335	Ocotillo 1 return
	Oct94	-115		9335	Ocotillo 1 out
	May95	115		9335	Ocotillo 1 return
	May93	115		9335	Ocotillo 2
	Oct93	-115		9335	Ocotillo 2 out
	May94	115		9335	Ocotillo 2 return
	Oct94	-115		9335	Ocotillo 2 out
	May95	115		9335	Ocotillo 2 return
		115		12191	Saguaro 1
		99		11706	Saguaro 2
Combined Cycle		85		8488	Phoenix 1
		85		8488	Phoenix 2
		85		8488	Phoenix 3
Solar	Jan94	2			Solar 1

Century Power Co.

Coal		360		18.6 m	Springerville 1
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Resource Type	Date	Max Gen	MinGen	HeatRate	
Citizens Utility Co.					
Internal Comb.		4			Citizens 1-4
Gas Turbine		21			Valencia 1
		21			Valencia 2
		21			Valencia 3

El Paso Electric Co.					
Gas Turbine		69			Copper 1
Steam Turbine		82			Newman 1
		81			Newman 2
		103			Newman 3
		48			Rio Grande 6
		48			Rio Grande 7
		150			Rio Grande 8
Combined Cycle		212			Newman 4
Coal		55	9.2 m		Four Corners 4 7%
		55	10.1 m		Four Corners 5 7%
Nuclear		193	10500		Palo Verde 1 15.8%
		193	10500		Palo Verde 2 15.8%
		193	10500		Palo Verde 3 15.8%

Farmington Electric Utility					
Hydro		32			Navajo Dam
Steam Turbine		9			Farmington 3
		16			Farmington 4
Coal		42	19.9 m		San Juan 4 8.47%

Los Alamos County Utilities					
Hydro		7			Abiquiu 1
		7			Abiquiu 2
		10			El Vado Dam
Steam Turbine		5			Los Alamos 1
		4			Los Alamos 2
		9			Los Alamos 3
Coal		36	19.9 m		San Juan 4 7.2%

Plains Electric G&T Coop Inc.					
Coal		230	13.7 m		PEGS 1

Public Service Co. of New Mexico					
Gas Turbine		20			Las Vegas
Steam Turbine		44			Reeves 1
		44			Reeves 2
		66			Reeves 3
Coal		158	19.2 m		San Juan 1 50%
		156	19.2 m		San Juan 2 50%
		244	20.2 m		San Juan 3 50%
		102	9.2 m		Four Corners 4 13%
		102	10.1 m		Four Corners 5 13%
		277	19.9 m		San Juan 4 55.53%
		143	19.9 m		San Juan 4 layoff
		-143	19.9 m		San Juan 4 return
Nuclear		125	10500		Palo Verde 1 10.2%
		125	10500		Palo Verde 2 10.2%
		125	10500		Palo Verde 3 10.2%

San Carlos Irrigation Project, USBIA					
Hydro	May95	10			Coolidge return

Salt River Project Agricultural Improvement & Power Dist.					
Hydro		3			Crosscut
		30			Horse Mesa

Resource Type	Date	Max Gen	MinGen	HeatRate	
		11			Morman Flat
	Mar95	36			Roosevelt return
		1			South Consolidated
		13			Stewart Mountain
Steam Turbine		113			Agua Fria 1
		113			Agua Fria 2
		181			Agua Fria 3
		32			Crosscut 1-4
		34			Kyrene 1
		72			Kyrene 2
Gas Turbine		69			Agua Fria 4
		64			Agua Fria 5
		64			Agua Fria 6
		51			Kyrene 3
		51			Kyrene 4
		49			Kyrene 5
		49			Kyrene 6
Coal		350	22.6 m		Coronado 1
		350	22.6 m		Coronado 2
		124	10.2 m		Craig 1 29%
		124	10.2 m		Craig 2 29%
		131	9.2 m		Hayden 2 50%
		79	9.6 m		Mohave 1 10%
		79	9.6 m		Mohave 2 10%
		78	9.2 m		Four Corners 4 10%
		78	10.1 m		Four Corners 5 10%
		163	9.7 m		Navajo 1 21.7%
		163	9.7 m		Navajo 2 21.7%
		163	9.7 m		Navajo 3 21.7%
Nuclear		214	10500		Palo Verde 1 17.49%
		214	10500		Palo Verde 2 17.49%
		214	10500		Palo Verde 3 17.49%
		25			Yuma Axis 1 33.3%
Combined Cycle		73			Santan 1
		73			Santan 2
		73			Santan 3
		73			Santan 4

Tuscon Electric Power Co.					
Steam Turbine		81			Irvington 1
		81			Irvington 2
		105			Irvington 3
Gas Turbine		47			DeMoss Petrie
		24			Irvington 1
		25			Irvington 2
		25			Irvington 3
		25			North Loop 1
		25			North Loop 2
		23			North Loop 3
		25			North Loop 4
Coal		156	25.7 m		Irvington 4
		360	17.5 m		Springerville 2
		158	19.2 m		San Juan 1 50%
		156	19.2 m		San Juan 2 50%
		244	20.2 m		San Juan 3 50%
		55	9.2 m		Four Corners 4 7%

Resource Type	Date	Max Gen	MinGen	HeatRate		
		55		10.1 m	Four Corners 5	7%
		56		9.7 m	Navajo 1	7.5%
		56		9.7 m	Navajo 2	7.5%
		56		9.7 m	Navajo 3	7.5%

Texas-New Mexico Power Co.

Gas Turbine		11			Lordsburg 1	
Steam Turbine		5			Lordsburg 2	
		12			Lordsburg 3	

Resource Type	Date	Max Gen	MinGen	HeatRate		
		25			Lordsburg 4	

USBR - Lower Colorado Region

Hydro		229			Davis 1-5	ISW
		52			Parker 1-4	ISW
		548			Hoover	ISW
Coal		182		9.7 m	Navajo 1	24.3%
		182		9.7 m	Navajo 2	24.3%
		182		9.7 m	Navajo 3	24.3%

Sources:

California resources from Draft ER-92 ESPAR, mingen levels and heatrates from Draft ER-92 Elfin

ISW resources from WSCC, Existing Generation 1991-2001, publ. Apr, 1992, heatrates from Elfin or SERAM

Date is the month of a change in a resource, the amount is added to the prior level

Heatrates are average incremental heatrates, after removing startup consumption

Coal plant decremental costs are reported in the heatrate column, expressed in 1990 mills/kWh

Coal prices are escalated from the 1990 values, index value for 1993 is 1.08055, 1994 = 1.11629, and 1995 = 1.15851.

MaxGen is the dependable capacity of each resource before forced outage or maintenance reserves.

	Forced Outage	Default Heatrate
Biomass	0.170	
Combined Cycle	0.135	8800
Cogeneration	0.050	
Coal	0.160	13.6 m
Geothermal	0.010	
Gas Turbine	0.127	14340
Nuclear	0.182	
Steam Turbine	0.170	9390
Wind	0.760	
Solar	0.050	
Internal Comb.	0.150	10750