

Palo Verde Nuclear Generating Station
ER-01

PVNGS
WATER CONVEYANCE PIPELINE
Figure 3.9-5

March 1981

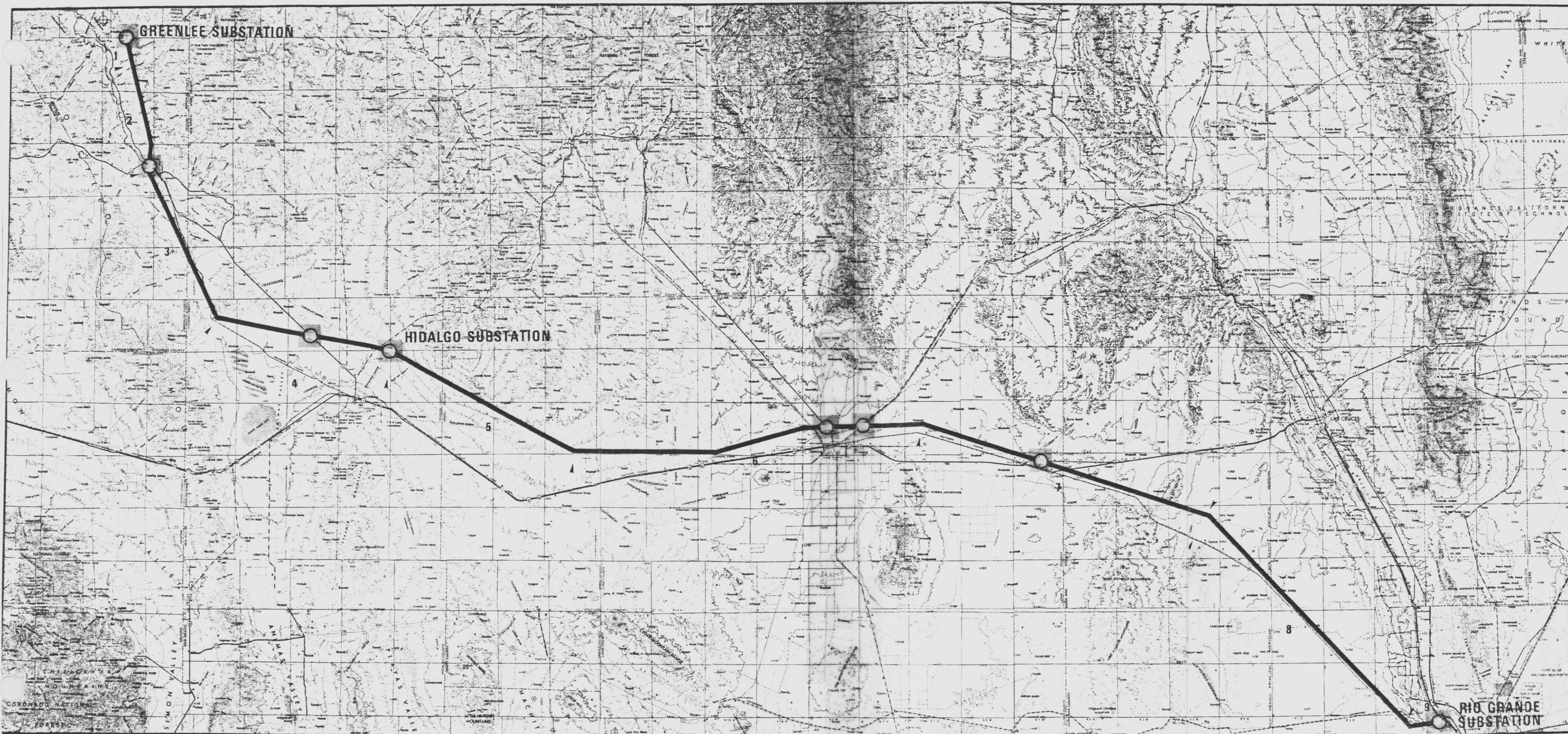
Supplement 2

02-27-81

CHANGE

PRELIMINARY


7901040071-2
D



LEGEND
○ POTENTIAL ACCESS POINTS



5 0 5 10 15 20 MI
SCALE

 Palo Verde Nuclear Generating Station
ER-OL

TRANSMISSION LINE ROUTE
PROJECT 3
Figure 3.9-2

March 1981 Supplement 2

02-27-81

CHANGE

Southern California Edison Company

Year				1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1.1.2	Power Supply (MW)	Type	Fuel	Function																				
	Plant and Unit																							
	Big Creek Plant	Hydro	-	Intermediate	530	530	530	530	530	530	530	530	530	530	530	561	561	561	561	561	561	561	561	561
	Portal	Hydro	-	Intermediate	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Mammoth Pool	Hydro	-	Intermediate	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
	Santa Ana	Hydro	-	Base	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	Ontario	Hydro	-	Base	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Mill Creek	Hydro	-	Base	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Lytle Creek	Hydro	-	Base	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Kern-Borel	Hydro	-	Base	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Kern River	Hydro	-	Base	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
	Tule River	Hydro	-	Base	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Kaweah	Hydro	-	Base	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	Fontana	Hydro	-	Base	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Sierra	Hydro	-	Base	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	San Geronio	Hydro	-	Base	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Bishop Creek	Hydro	-	Intermediate	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
	Lundy	Hydro	-	Intermediate	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Rush Creek	Hydro	-	Intermediate	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Poole	Hydro	-	Intermediate	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Hoover-SCE	Hydro	-	Peaking	277	277	277	277	277	277	277	331	331	331	331	331	331	331	331	331	331	331	0	0
	Hoover-MWD	Hydro	-	Intermediate	310	310	310	310	310	310	310	315	315	315	315	315	315	315	315	315	315	315	315	315
	Hydro	Hydro	-	Intermediate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	140	140	140	140
	Oroville-Thermalito	Hydro	-	Peaking	0	284	296	319	319	319	319	326	326	326	326	326	326	0	0	0	0	0	0	0
	Edwards AFB Exchange	Hydro	-	Peaking	0	0	0	0	0	0	0	0	0	0	0	0	18	18	18	18	18	0	0	0
	Vernon	Diesel	Oil	Peaking	20	20	20	20	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Gabbs	Diesel	Oil	Peaking	6	6	6	6	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Redondo 1-8	Steam	Oil	Intermediate	1602	1602	1602	1602	1602	1602	1602	1602	1602	1602	1602	1602	1602	1602	1602	1602	1602	1602	1602	1602
	Highgrove 1-4	Steam	Oil	Intermediate	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154
	Etiwanda 1-4	Steam	Oil	Intermediate	904	904	904	904	904	904	904	904	904	904	904	904	904	904	904	904	904	904	904	904
	El Segundo 1-4	Steam	Oil	Intermediate	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020
	Alamitos 1-6	Steam	Oil	Intermediate	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950
	San Bernardino 1,2	Steam	Oil	Intermediate	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126
	Huntington Beach 1-4	Steam	Oil	Intermediate	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870	870
	Mandalay 1,2	Steam	Oil	Intermediate	430	430	430	430	430	430	430	430	430	430	430	430	430	430	430	430	430	430	430	430
	Cool Water 1,2	Steam	Oil	Intermediate	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146
	Garden State	Comb. Turb.	Oil	Intermediate	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	San Onofre 1	Nuclear	Nuclear	Base	308	308	344	344	344	344	344	344	349	349	349	349	349	349	349	349	349	349	349	349
	Long Beach 10	Steam	Oil	Intermediate	106	106	106	106	106	106	50	50	106	106	106	106	106	106	106	106	106	106	106	106
	Long Beach 11	Steam	Oil	Intermediate	106	106	106	106	106	106	50	50	50	50	106	106	106	106	106	106	106	106	106	106
	Etiwanda 5	Comb. Turb.	Oil	Peaking	0	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121
	Huntington Beach 5	Comb. Turb.	Oil	Peaking	0	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121
	Alamitos 7	Comb. Turb.	Oil	Peaking	0	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121

Table 1.1-8
CAPABILITY OF RESOURCES
1968 THROUGH 1988 (Sheet 12 of 13)
SOUTHERN CALIFORNIA EDISON
Page 1 of 2

7901040079-3
D

12

Southern California Edison Company

Year				1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1.1.2	Power Supply (MW) Plant and Unit	Type	Fuel	Function																				
	Mandalay 3	Comb. Turb.	Oil	Peaking	0	0	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121
	Four Corners 4	Steam	Coal	Base	0	0	373	373	373	373	373	373	373	373	373	373	373	366	366	366	366	366	366	366
	Four Corners 5	Steam	Coal	Base	0	0	373	373	373	373	373	373	373	373	373	373	373	366	366	366	366	366	366	366
	Mohave 1	Steam	Coal	Base	0	0	0	426	426	442	442	442	442	442	442	442	442	442	442	442	442	442	442	442
	Mohave 2	Steam	Coal	Base	0	0	0	494	426	443	443	443	443	443	443	443	443	443	443	443	443	443	443	443
	Ormond Beach 1	Steam	Oil	Intermediate	0	0	0	0	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750
	Ormond Beach 2	Steam	Oil	Intermediate	0	0	0	0	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750
	Navajo Layoff	Steam	Coal	Base	0	0	0	0	0	95	196	319	319	319	319	312	266	263	263	263	0	0	0	0
	Ellwood	Comb. Turb.	Coal	Peaking	0	0	0	0	0	0	54	54	54	54	54	54	54	54	54	54	54	54	54	54
	Long Beach 1-9	Comb. Cycle	Coal	Intermediate	0	0	0	0	0	0	0	0	490	490	543	543	543	543	543	543	543	543	543	543
	Cool Water 3,4	Comb. Cycle	Coal	Intermediate	0	0	0	0	0	0	0	0	0	360	468	468	468	468	468	468	468	468	468	468
	Co-Generation	Co-Generation	-	Base	0	0	0	0	0	0	0	0	0	0	0	24	28	32	37	41	45	49	53	57
	San Onofre 2	Nuclear	Nuclear	Base	0	0	0	0	0	0	0	0	0	0	0	0	176	880	880	880	880	880	880	880
	San Onofre 3	Nuclear	Nuclear	Base	0	0	0	0	0	0	0	0	0	0	0	0	0	176	880	880	880	880	880	880
	Axis Steam	Steam	Oil	Intermediate	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	25	25
	Axis CT	Comb. Turb.	Oil	Peaking	0	0	0	0	0	0	0	0	0	0	0	0	22	22	22	22	22	22	22	22
	Palo Verde 1	Nuclear	Nuclear	Base	0	0	0	0	0	0	0	0	0	0	0	0	0	187	187	187	187	187	187	187
	Palo Verde 2	Nuclear	Nuclear	Base	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	187	187	187	187	187
	Palo Verde 3	Nuclear	Nuclear	Base	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	188	188	188
	Wind 1-4	Wind	-	Base	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	.1	3	8	18
	Fuel Cells 1-19	Fuel Cell	Oil	Peaking	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	26	26	78	130	234
	Geothermal 1-4	Geothermal	-	Base	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9	63	108	108	108
	Combined Cycle	Comb. Cycle	Oil	Intermediate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	540	850	1290	1290
	California Coal 1	Steam	Coal	Base	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	250	250
	California Coal 2	Steam	Coal	Base	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	250
	Combustion Turbines	Comb. Turb.	Oil	Peaking	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	110	110
	Palo Verde 4	Nuclear	Nuclear	Base	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	412
	Peaking				515	950	1083	1106	1106	1086	1188	1195	1195	1195	1195	1195	1235	1235	935	935	935	969	800	904
	Intermediate				8266	8478	8478	8478	9228	9978	9871	9871	10417	10777	10994	11025	11050	11050	11050	11050	11730	12040	12480	12480
	Base Load				408	408	1190	1616	2110	2042	2170	2271	2394	2399	2399	2416	2550	3604	4314	4514	4255	4503	4807	5483
	Adverse Year Hydro Derate				(101)	(112)	(112)	(92)	(100)	(100)	(203)	(213)	(213)	(213)	(213)	(213)	(213)	(213)	(193)	(193)	(193)	(193)	(139)	(139)
	Installed Resources				9088	9724	10639	11108	12344	13026	13134	13127	13247	13798	14158	14375	14423	14622	15676	16106	16306	16727	17319	17948

Table 1.1-8
CAPABILITY OF RESOURCES
1968 THROUGH 1988 (Sheet 13 of 13)
SOUTHERN CALIFORNIA EDISON
Page 2 of 2

7901040079-4 D

12