

TABLE 4 : AVERAGE DAILY DIRECT INSOLATION

DATA COLLECTED DURING 1979

WEST SOLAR MONITORING NETWORK (KWH/SQ. M - DAY)*

STATION NAME	JAN	FED	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1979 AVG.	1978 AVG.	1977 AVG.	1976 AVG.	AVG. ANNUAL

ARIZONA PUBLIC SERVICE																	
GILA BEND	----	6.23	6.45	8.99	9.84	9.19	9.09	8.27	7.48	6.93	6.45	5.80	----	----	----	----	----
PARKER	----	----	----	----	----	----	----	----	----	----	----	5.41	----	----	----	----	----
SAGUARO	----	----	----	8.08	8.84	8.45	7.52	7.86	5.18	----	----	----	----	----			
LOS ANGELES DEPT WATER & POWER																	
INGLEWOOD	----	----	----	----	----	----	----	5.21	6.17	4.72	5.29	4.84	----	----	----	----	----
LOS ANGELES	2.91	4.20	3.92	6.04	4.60	6.50	7.14	5.44	5.78	4.85	5.01	4.89	5.11	----	----	----	5.11
SAN PEDRO	----	----	----	----	----	----	----	----	----	5.35	4.44	----	----	----	----	----	
SUN VALLEY	3.52	4.47	4.27	6.43	5.90	8.36	7.89	5.88	6.69	5.00	5.74	5.21	5.78	----	----	----	5.78
WEST LOS ANGELES	3.22	4.52	4.78	6.54	4.85	7.67	7.60	5.53	6.55	4.77	5.23	4.67	5.49	----	----	----	5.49

NEVADA POWER COMPANY

BOULDER CITY (DRI)	3.22	----	----	----	8.36	9.40	9.38	----	8.53	6.53	6.27	5.25	----	----	----	----	----
LAS VEGAS	2.88	5.51	5.68	8.12	8.52	10.14	9.59	7.82	8.72	6.66	6.09	3.60	6.94	----	----	----	6.94

PUBLIC SERVICE OF COLORADO

ALAMOSA	5.12	6.68	6.46	8.33	6.42	9.30	8.71	8.15	----	----	6.46	6.12	----	----	----	----	----
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PUBLIC SERVICE NEW MEXICO

ALBUQUERQUE	4.09	5.33	5.45	5.44	7.07	8.37	8.84	6.90	6.70	6.20	6.45	5.77	6.38	6.49	----	----	6.44
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SALT RIVER PROJECT

PAGE	2.72	4.07	5.55	7.78	6.67	8.54	8.07	7.31	7.31	6.53	6.26	4.97	6.32	----	----	----	6.32
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SAN DIEGO GAS & ELECTRIC

ESCONDIDO	2.27	5.03	6.27	6.79	4.51	7.13	7.91	6.24	7.19	4.86	5.42	5.44	5.76	5.65	----	----	5.71
SAN DIEGO	----	----	----	----	----	----	----	----	----	4.70	5.56	5.47	----	----	----	----	----

SOUTHERN CALIFORNIA EDISON

ALHAMBRA	3.14	4.56	4.11	5.80	4.85	6.60	7.29	5.45	6.14	4.33	5.15	4.78	5.18	----	----	----	5.18
BARSTOW	3.57	5.77	6.20	8.93	9.24	10.45	9.83	8.00	8.07	7.23	6.64	5.98	7.49	7.46	7.43	7.46	7.46
BLYTHE	3.77	5.67	5.95	8.19	7.70	9.51	9.50	9.23	8.06	6.71	6.43	5.64	7.20	----	"6.9,9"	7.44	7.21
LANCASTER	3.71	6.09	6.30	8.85	9.41	10.51	10.20	8.89	8.40	7.10	6.40	6.11	7.66	7.46	7.27	7.91	7.58
PALM SPRINGS	3.35	6.33	6.17	8.21	7.90	9.13	9.06	7.44	7.39	6.62	6.57	5.86	7.00	6.93	6.75	----	6.89
RIDGECREST	4.12	6.68	6.78	8.97	9.59	10.72	10.44	8.02	8.46	7.23	6.62	5.67	7.78	----	7.62	8.16	7.85
VICTORVILLE	3.52	6.25	5.84	8.56	8.83	10.25	9.75	8.22	7.90	6.71	6.68	5.75	7.36	7.35	7.36	7.76	7.46
YUCCA VALLEY	3.74	7.14	6.75	9.00	8.83	10.24	10.08	8.45	8.60	7.64	7.08	6.26	7.82	7.85	7.74	7.98	7.85

TUCSON GAS & ELECTRIC

TUCSON	3.39	6.25	5.29	----	----	----	8.05	9.12	----	----	----	----	----	----	6.36	----	6.36
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 *ABSOLUTE SCALE :

BTU/SQ.FT.- DAY = 317 X KWH/SQ.M-DAY