

Revision Date

8/29/2016

2017 ANNUAL RESOURCE ADEQUACY PLAN

2017 Loads and Resources Table (MW)

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Forecasted Peak Demand		309.87	302.87	302.16	344.35	422.25	435.52	523.84	557.72	488.91	412.24	330.86	315.35
Required Reserves (15%)		46.48	45.43	45.32	51.65	63.34	65.33	78.58	83.66	73.34	61.84	49.63	47.30
Total Capacity Requirements		356.35	348.30	347.48	396.00	485.59	500.85	602.42	641.38	562.25	474.08	380.49	362.65
Internal Resources													
Within CAISO	Springs 1	9	9	9	9	9	9	9	9	9	9	9	0
	Springs 2	9	9	9	9	9	9	9	9	9	9	9	0
	Springs 3	9	9	9	9	9	9	9	9	9	9	9	0
	Springs 4	9	9	9	9	9	9	9	9	9	9	9	0
	RERC 1	48.35	48.35	48.35	48.35	48.35	48.35	48.35	48.35	48.35	48.35	48.35	48.35
	RERC 2	48.50	48.50	48.50	48.50	48.50	48.50	48.50	48.50	48.50	48.50	48.50	48.50
	RERC 3	48.50	48.50	48.50	48.50	48.50	48.50	48.50	48.50	48.50	48.50	0.00	48.50
	RERC 4	48.50	48.50	48.50	48.50	48.50	48.50	48.50	48.50	48.50	48.50	0.00	48.50
	Wintec Wind	0.02	0.13	0.26	0.15	0.56	0.64	0.19	0.16	0.10	0.10	0.05	0.03
	Clearwater	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	0.00
	Tequesquite Solar	0.02	0.11	0.51	5.99	5.67	5.95	5.65	6.03	5.63	4.31	0.01	0.01
	FPL Cabazon Wind	0.73	3.52	5.36	6.60	11.69	9.98	7.65	7.42	4.00	2.21	1.49	1.43
	SunEdison North Lake Solar	0.05	0.29	1.36	15.96	15.11	15.87	15.07	16.65	15.83	10.65	0.03	0.02
	Kingbird B	0.03	0.21	0.96	11.18	10.57	11.11	10.55	11.25	10.50	8.04	0.03	0.02
	Columbia 2 Solar	0.03	0.18	0.79	9.76	9.71	9.59	9.52	9.79	9.01	6.28	0.02	0.02
	Spower-Big Sky Antelope	0.02	0.15	0.68	7.98	7.56	7.93	7.53	8.04	7.50	5.75	0.01	0.01
	Spower -Summer Solar	0.02	0.15	0.68	7.98	7.56	7.93	7.53	8.04	7.50	5.75	0.01	0.01
	Spower - Big Sky Solar 1 (DSR1)	0.06	0.37	1.71	19.95	18.89	19.84	18.83	20.09	18.75	14.38	0.04	0.02
External to CAISO													
	Palo Verde 1	4	4	4	4	4	4	4	4	4	0	0	4
	Palo Verde 2	4	4	4	0	0	4	4	4	4	4	4	4
	Palo Verde 3	4	4	4	4	4	4	4	4	4	4	4	4
	IPP 1	68	68	68	0	68	68	68	68	68	68	68	68
	IPP 2	68	68	0	0	68	68	68	68	68	68	68	68
	Salton Sea	46	0	0	46	46	46	46	46	46	46	46	46
	Hoover	20	20	21	20	19	23	23	23	23	18	20	22
	Salton Sea (Vulcan)	0	20	0	0	0	0	0	0	0	0	0	0
RA Capacity Purchases													
	NRG (Genon) Local RA	30	25	25	5							125	95
	Shell Local RA					5			5	5	15		
	NRG (Genon) System RA							80					
	CRC (Elk Hills) System RA								105	50			
Total Resources		502.83	475.96	396.16	422.40	559.17	563.69	637.37	672.32	608.67	538.32	497.54	506.42
"Generic RA" Surplus (Deficit)		146.48	127.66	48.68	26.40	73.58	62.84	34.95	30.94	46.42	64.24	117.05	143.77
Total Local Capacity (LCR)													
	246.56 MW Monthly Requirement	288.77	287.57	293.41	327.46	329.89	325.99	320.30	329.28	322.16	316.00	287.49	290.38
Flexible Resource Adequacy (FRAC) Requirement		78.75	56.78	47.04	76.67	102.06	32.24	34.97	17.95	61.56	37.15	54.61	71.53
Internal Available FRAC Resources		201.85	201.85	201.85	201.85	201.85	201.85	201.85	201.85	201.85	201.85	104.85	193.85
FRAC Surplus (Deficit)		123.10	145.07	154.81	125.18	99.79	169.61	166.88	183.90	140.29	164.70	50.24	122.32