

United States Bureau of Reclamation - Mid Pacific Region, Central Valley Operations Office
Forecast of CVP Generation
Based on USBR 90 Pct Forecast -B2, Dated 8/25/2017
Losses are Estimated per WAPA Contractual Provisions
Energy Generation (All values in GWh)

Month	Trinity	JF Carr	Spring Creek	Shasta	Keswick	Folsom	Nimbus	New Melones	Federal San Luis	O'Neill	Total Losses	Total at Tracy		
												CVP	Proj Use	Net CVP
AUG	48	49	44	238	40	62	7	83	44	0	11	610	135	475
SEP	38	39	38	191	39	58	7	41	2	0	8	450	95	355
OCT	14	8	15	187	36	33	4	29	12	0	6	330	45	285
NOV	16	13	9	135	27	30	4	9	3	0	4	240	30	210
DEC	11	6	6	142	27	30	4	9	0	0	4	230	145	85
JAN	8	1	5	118	23	26	4	11	0	0	4	190	120	70
FEB	7	1	10	104	21	24	3	15	0	0	3	180	105	75
MAR	24	23	30	103	23	32	4	21	0	0	5	250	125	125
APR	24	15	4	161	29	33	4	84	10	0	6	360	35	325
MAY	93	39	38	190	38	36	4	85	28	0	10	540	70	470
JUN	60	57	51	207	43	52	6	63	60	4	10	590	90	500
JUL	67	53	49	225	47	54	7	50	39	0	10	580	160	420
Total	409	306	299	2001	393	470	59	498	198	4	81	4550	1155	3395

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Capacity Based on Estimated Gross Head (All values in MW)

Month	Trinity	JF Carr	Spring Creek	Shasta	Keswick	Folsom	Nimbus	New Melones	Federal San Luis	O'Neill	Tot. Cap. at Plant	Total Losses	Total Capacity at Tracy			
													CVP	Sch. Out	PU	Net CVP
AUG	65	147	182	710	18	196	10	383	162	0	1874	31	1845	60	195	1650
SEP	64	148	182	709	37	184	5	383	152	0	1865	31	1835	80	150	1685
OCT	63	150	182	549	33	117	6	382	140	1	1623	27	1595	110	105	1490
NOV	63	154	182	671	25	111	6	381	125	0	1719	29	1690	110	80	1610
DEC	63	77	182	666	12	107	3	382	0	0	1492	26	1465	170	165	1300
JAN	63	0	182	668	11	156	3	382	0	0	1465	25	1440	160	110	1330
FEB	64	0	182	546	32	161	3	383	0	0	1370	24	1345	280	115	1230
MAR	65	77	91	710	32	170	6	192	0	0	1341	24	1315	295	120	1195
APR	131	150	0	710	40	182	6	191	144	0	1555	26	1530	185	55	1475
MAY	131	147	91	710	53	196	6	379	127	0	1840	31	1810	90	110	1700
JUN	130	147	91	710	62	197	9	376	98	5	1826	31	1795	20	135	1660
JUL	127	147	182	695	66	188	9	373	62	0	1849	32	1815	0	230	1585

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Project Use Pumping

Project Energy Use at Tracy Load Center (All values in GWh)

Month	Tracy	Federal Banks	Contra Costa	O'Neill	Federal San Luis	San Felipe	Dos Amigos	Other Uses	Total at Tracy		
									CVP	On Peak	Off Peak
AUG	65	0	2	2	0	3	27	38	135	80	55
SEP	62	0	2	4	0	3	11	15	95	55	45
OCT	18	10	3	0	0	2	5	6	45	30	15
NOV	6	10	3	0	0	2	5	2	30	20	10
DEC	51	10	3	11	56	2	5	8	145	55	95
JAN	46	0	2	11	42	1	6	9	120	40	75
FEB	43	0	2	9	31	1	8	12	105	45	65
MAR	48	0	2	11	42	1	8	15	125	50	80
APR	13	0	2	1	0	2	8	10	35	20	15
MAY	14	0	2	0	0	5	17	30	70	40	30
JUN	30	0	2	0	0	7	27	23	90	50	35
JUL	64	0	2	0	0	9	37	49	160	85	75
Total	458	30	28	50	171	38	162	217	1155	570	595

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Project Capacity Use at Tracy Load Center (All values in MW)

Month	Tracy		Federal Banks		Contra Costa		O'Neill		Federal San Luis		San Felipe		Dos Amigos		Other On/Off
	On	Off	On	Off	On	Off	On	Off	On	Off	On	Off	On	Off	
AUG	96	96	0	0	3	3	4	4	0	0	5	5	36	36	51
SEP	96	96	0	0	3	3	8	8	0	0	4	4	18	18	20
OCT	36	36	40	0	4	4	0	0	0	0	3	3	12	12	8
NOV	18	18	40	0	4	4	0	0	0	0	3	3	12	12	3
DEC	81	81	40	0	4	4	16	16	0	179	3	3	12	12	11
JAN	66	66	0	0	3	3	16	16	0	132	2	2	12	12	12
FEB	66	66	0	0	3	3	16	16	0	110	2	2	12	12	17
MAR	66	66	0	0	3	3	16	16	0	139	1	1	12	12	20
APR	18	18	0	0	3	3	4	4	0	0	2	2	12	12	14
MAY	36	36	0	0	3	3	0	0	0	0	6	6	24	24	41
JUN	51	51	0	0	2	2	0	0	0	0	9	9	42	42	32
JUL	96	96	0	0	2	2	0	0	0	0	12	12	54	54	65