

United States Bureau of Reclamation - Mid Pacific Region, Central Valley Operations Office
Forecast of CVP Generation
Based on USBR 90 Pct Forecast -B2, Dated 9/26/2017
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
SEP	38	39	38	192	39	58	7	42	4	0	8	450	95	355
OCT	14	8	15	188	36	37	5	29	0	0	6	330	55	275
NOV	16	13	9	136	27	31	4	9	0	0	4	240	100	140
DEC	11	6	6	118	23	30	4	9	0	0	4	200	125	75
JAN	8	1	5	95	19	26	4	11	0	0	3	170	85	85
FEB	7	1	10	106	21	24	3	15	0	0	3	180	45	135
MAR	24	23	30	104	23	32	4	21	0	0	5	260	45	215
APR	24	15	4	162	29	33	4	84	10	0	6	360	35	325
MAY	47	39	38	193	38	37	4	85	31	0	9	500	65	435
JUN	51	57	51	210	43	53	6	63	62	3	10	590	90	500
JUL	66	53	49	228	47	54	7	50	43	0	10	590	160	430
AUG	44	48	44	225	47	42	5	79	8	0	9	530	140	390
Total	349	304	299	1957	391	457	58	496	158	3	78	4400	1040	3360

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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
SEP	64	148	182	710	37	124	5	383	161	0	1814	30	1785	135	150	1635
OCT	63	150	182	553	33	117	7	382	0	0	1487	26	1460	120	125	1335
NOV	63	154	182	541	37	112	6	382	0	0	1477	26	1450	230	135	1315
DEC	63	77	182	673	11	107	3	382	0	0	1498	26	1470	170	145	1325
JAN	63	0	182	408	26	157	3	383	0	0	1222	21	1200	360	90	1110
FEB	64	0	182	558	32	161	3	383	0	0	1382	24	1360	335	70	1290
MAR	64	77	91	568	32	170	6	192	0	0	1200	21	1180	375	65	1115
APR	65	75	0	710	40	183	6	191	158	0	1429	24	1405	260	55	1350
MAY	65	147	0	710	53	196	6	380	139	0	1697	28	1670	190	90	1580
JUN	65	147	91	710	62	197	9	378	109	5	1773	30	1745	125	135	1610
JUL	127	147	182	709	66	188	9	375	74	0	1876	32	1845	0	230	1615
AUG	125	147	182	677	66	179	7	365	47	0	1796	31	1765	0	200	1565

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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
SEP	62	0	2	4	0	2	12	15	95	55	45
OCT	29	10	3	0	0	2	5	8	55	35	20
NOV	33	10	3	6	32	2	5	8	100	40	55
DEC	42	10	3	9	50	2	5	7	125	45	80
JAN	34	0	2	7	28	1	6	6	85	30	55
FEB	23	0	2	4	3	1	8	5	45	25	20
MAR	20	0	2	4	3	1	8	5	45	25	20
APR	13	0	2	1	0	2	8	10	35	20	15
MAY	13	0	2	0	0	4	17	29	65	35	30
JUN	32	0	2	0	0	6	27	24	90	50	40
JUL	64	0	2	0	0	9	37	48	160	85	75
AUG	65	0	2	6	0	9	21	39	140	80	60
Total	428	30	28	42	116	40	157	205	1040	525	515

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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	
SEP	96	96	0	0	3	3	8	8	0	0	3	3	18	18	21
OCT	51	51	40	0	4	4	4	4	0	25	3	3	12	12	10
NOV	51	51	40	0	4	4	12	12	0	109	3	3	12	12	12
DEC	66	66	40	0	4	4	12	12	0	162	2	2	12	12	10
JAN	51	51	0	0	3	3	12	12	0	102	2	2	12	12	8
FEB	36	36	0	0	3	3	8	8	0	25	2	2	12	12	8
MAR	36	36	0	0	3	3	8	8	0	25	1	1	12	12	7
APR	18	18	0	0	3	3	4	4	0	0	2	2	12	12	14
MAY	18	18	0	0	3	3	0	0	0	0	5	5	24	24	39
JUN	51	51	0	0	2	2	0	0	0	0	8	8	42	42	33
JUL	96	96	0	0	2	2	0	0	0	0	12	12	54	54	65
AUG	96	96	0	0	3	3	8	8	0	0	12	12	30	30	53