

**United States Bureau of Reclamation - Mid Pacific Region, Central Valley Operations Office**  
**Forecast of CVP Generation**  
**Based on USBR 90 Pct Forecast -B2, Dated 12/19/2017**  
**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
DEC	11	6	6	121	23	56	7	40	0	0	5	270	135	135
JAN	12	8	5	110	21	36	5	30	0	0	4	220	85	135
FEB	13	10	10	98	19	57	5	32	0	0	4	240	40	200
MAR	15	12	15	108	21	49	6	60	0	0	5	280	50	230
APR	28	20	4	180	31	33	4	79	17	0	7	390	40	350
MAY	46	34	31	177	34	27	3	93	30	0	8	470	65	405
JUN	45	38	31	245	45	54	6	78	53	0	10	590	105	485
JUL	35	36	31	296	55	79	10	51	48	0	11	630	150	480
AUG	35	36	31	211	43	56	7	43	27	0	8	480	140	340
SEP	30	32	31	163	35	26	4	33	0	0	6	350	100	250
OCT	10	3	10	145	30	22	3	27	0	0	4	250	130	120
NOV	13	11	7	118	25	21	3	8	0	0	4	200	140	60
Total	294	245	211	1970	380	517	64	575	175	0	77	4370	1180	3190

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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
DEC	63	78	182	691	32	115	5	382	0	0	1548	27	1520	170	125	1395
JAN	0	154	182	422	29	114	3	381	0	0	1286	22	1265	300	90	1175
FEB	64	77	182	568	29	171	4	381	0	0	1476	26	1450	170	65	1385
MAR	64	77	182	710	29	175	4	190	0	0	1432	25	1405	285	75	1330
APR	65	75	91	710	43	185	3	189	184	0	1545	26	1520	300	60	1460
MAY	65	147	91	710	46	197	5	187	160	0	1608	27	1580	170	90	1490
JUN	64	147	91	710	65	199	9	370	138	0	1795	30	1765	125	150	1615
JUL	127	147	182	710	78	186	13	362	113	0	1919	33	1885	0	220	1665
AUG	125	147	182	681	59	169	10	355	92	0	1821	31	1790	0	200	1590
SEP	123	148	182	392	50	53	3	350	0	0	1300	22	1280	240	145	1135
OCT	122	150	182	381	40	51	5	344	0	0	1276	22	1255	250	150	1105
NOV	122	154	182	375	35	97	5	343	0	0	1312	23	1290	205	175	1115

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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
DEC	59	0	3	11	48	2	5	8	135	45	90
JAN	36	0	2	8	25	1	5	6	85	35	50
FEB	19	0	2	3	3	1	6	4	40	20	20
MAR	24	0	2	5	5	1	9	6	50	25	25
APR	13	0	2	1	0	2	11	12	40	25	20
MAY	13	0	2	0	0	3	16	28	65	35	30
JUN	48	0	2	0	0	4	26	28	105	60	45
JUL	64	0	2	1	0	5	34	46	150	80	70
AUG	64	0	2	2	0	5	26	38	140	80	60
SEP	62	0	2	5	4	4	9	15	100	50	50
OCT	65	0	3	9	28	3	4	18	130	60	70
NOV	62	0	3	14	45	2	4	12	140	60	80
Total	529	0	28	60	157	33	153	221	1180	575	610

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**Project Use Pumping**

**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	
DEC	81	81	0	0	4	4	16	16	0	153	2	2	12	12	10
JAN	51	51	0	0	3	3	12	12	0	99	1	1	12	12	8
FEB	36	36	0	0	3	3	8	8	0	24	1	1	12	12	6
MAR	36	36	0	0	3	3	8	8	0	24	2	2	18	18	8
APR	18	18	0	0	3	3	4	4	0	0	3	3	18	18	16
MAY	18	18	0	0	3	3	4	4	0	0	4	4	24	24	38
JUN	66	66	0	0	2	2	0	0	0	0	5	5	36	36	39
JUL	96	96	0	0	2	2	4	4	0	0	7	7	48	48	62
AUG	96	96	0	0	3	3	4	4	0	0	7	7	36	36	52
SEP	96	96	0	0	3	3	8	8	0	17	5	5	12	12	21
OCT	96	96	0	0	4	4	16	16	0	99	4	4	6	6	24
NOV	96	96	0	0	4	4	20	20	29	114	3	3	6	6	17