

United States Bureau of Reclamation - Mid Pacific Region, Central Valley Operations Office
Forecast of CVP Generation
Based on USBR 90 Pct Forecast -B2, Dated 6/20/2018
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
JUN	48	43	36	236	45	62	7	82	53	1	10	600	95	505
JUL	39	41	36	297	57	87	11	59	41	0	12	660	150	510
AUG	43	36	31	227	47	51	7	47	18	0	9	500	135	365
SEP	38	32	31	156	35	27	4	36	0	0	6	350	120	230
OCT	13	8	15	124	27	22	3	27	0	0	4	240	135	105
NOV	13	11	7	92	20	21	3	8	0	0	3	170	80	90
DEC	10	6	6	69	15	21	3	7	0	0	2	130	120	10
JAN	7	1	5	71	15	14	2	8	0	0	2	120	145	-25
FEB	6	1	10	62	14	26	4	7	15	0	2	140	15	125
MAR	11	8	15	68	15	24	3	24	26	0	3	190	20	170
APR	24	17	5	143	27	35	5	78	27	0	6	350	35	315
MAY	55	32	31	191	38	26	3	93	43	4	9	510	55	455
Total	307	234	227	1736	356	415	55	476	224	6	70	3960	1105	2855

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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
JUN	128	147	182	710	65	204	10	380	131	1	1959	33	1925	0	145	1780
JUL	126	147	182	696	82	186	14	377	112	0	1922	33	1890	0	230	1660
AUG	124	147	182	651	66	168	9	374	102	0	1823	31	1790	0	210	1580
SEP	122	148	182	496	50	53	3	369	0	0	1422	25	1395	145	170	1225
OCT	120	150	182	361	37	50	5	365	0	0	1271	22	1250	240	150	1100
NOV	120	154	182	477	29	96	5	364	0	0	1426	25	1400	155	85	1315
DEC	120	154	182	481	21	90	2	365	0	0	1417	25	1390	135	105	1285
JAN	60	154	182	370	21	136	2	367	0	0	1292	22	1270	195	125	1145
FEB	61	154	182	512	22	145	3	369	150	0	1598	27	1570	160	35	1535
MAR	61	154	182	540	21	157	2	186	140	1	1445	24	1420	215	40	1380
APR	62	150	182	701	37	172	3	184	129	1	1622	28	1595	170	55	1540
MAY	126	147	182	704	53	185	5	179	111	5	1697	29	1670	10	85	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
JUN	40	0	2	0	0	4	24	25	95	55	40
JUL	61	7	2	0	0	4	30	45	150	85	65
AUG	62	7	2	2	0	4	21	38	135	80	55
SEP	62	7	2	6	17	3	6	18	120	60	65
OCT	62	0	3	9	37	2	3	18	135	55	80
NOV	34	0	3	6	25	1	3	7	80	30	50
DEC	45	0	3	10	49	1	3	7	120	35	80
JAN	52	0	2	12	63	1	4	11	145	45	100
FEB	6	0	2	0	0	1	5	2	15	10	5
MAR	6	0	2	0	0	2	8	2	20	10	10
APR	11	0	2	0	0	3	10	10	35	20	15
MAY	12	0	2	0	0	4	14	25	55	30	25
Total	453	20	28	46	191	29	130	208	1105	515	590

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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	
JUN	66	66	0	0	2	2	0	0	0	0	5	5	36	36	34
JUL	96	96	20	0	2	2	4	4	0	0	6	6	42	42	60
AUG	96	96	20	0	3	3	4	4	0	0	6	6	30	30	51
SEP	96	96	20	0	3	3	8	8	0	69	4	4	12	12	26
OCT	96	96	0	0	4	4	16	16	0	136	3	3	6	6	25
NOV	51	51	0	0	4	4	12	12	0	89	2	2	6	6	9
DEC	66	66	0	0	4	4	16	16	0	154	2	2	6	6	9
JAN	81	81	0	0	3	3	20	20	0	204	1	1	6	6	14
FEB	18	18	0	0	3	3	0	0	0	0	1	1	12	12	3
MAR	18	18	0	0	3	3	0	0	0	0	2	2	12	12	3
APR	18	18	0	0	3	3	0	0	0	0	4	4	18	18	14
MAY	18	18	0	0	3	3	0	0	0	0	5	5	24	24	34