

United States Bureau of Reclamation - Mid Pacific Region, Central Valley Operations Office
Forecast of CVP Generation
Based on USBR 90 Pct Forecast -B2, Dated 5/22/2018
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
MAY	46	39	31	202	38	37	4	99	43	1	9	530	80	450
JUN	48	43	36	237	45	53	6	81	65	5	10	610	55	555
JUL	38	41	36	300	57	85	10	59	30	0	11	640	145	495
AUG	42	36	31	230	47	49	7	47	14	0	9	490	135	355
SEP	37	32	31	157	35	26	4	36	0	0	6	350	120	230
OCT	12	8	15	125	28	22	3	27	0	0	4	240	130	110
NOV	12	11	7	93	20	20	3	8	0	0	3	170	75	95
DEC	10	6	6	70	15	20	3	7	0	0	2	130	85	45
JAN	7	1	5	72	15	14	2	8	0	0	2	120	120	0
FEB	6	1	10	63	14	26	4	7	15	0	2	140	15	125
MAR	11	8	15	69	15	24	3	23	25	0	3	190	20	170
APR	24	17	5	144	27	35	5	77	26	0	6	350	35	315
Total	294	242	227	1761	356	411	54	480	216	7	70	3960	1015	2945

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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
MAY	64	148	0	568	53	204	6	383	146	1	1574	26	1550	255	115	1435
JUN	63	147	182	710	65	202	9	379	122	7	1888	32	1855	55	95	1760
JUL	125	147	182	704	82	185	14	376	101	0	1915	33	1880	0	225	1655
AUG	123	147	182	659	66	166	9	371	93	0	1817	31	1785	0	215	1570
SEP	121	148	182	502	50	52	3	366	0	0	1423	25	1400	145	170	1230
OCT	119	150	182	366	37	50	5	361	0	0	1271	22	1250	240	150	1100
NOV	118	154	182	484	29	95	5	360	0	0	1427	25	1400	155	85	1315
DEC	118	154	182	488	21	89	2	362	0	0	1417	25	1390	140	80	1310
JAN	59	154	182	375	21	134	2	363	0	0	1291	22	1270	200	105	1165
FEB	60	154	182	518	22	144	3	365	142	0	1590	27	1565	160	35	1530
MAR	61	154	182	546	21	156	5	184	133	1	1442	24	1420	235	40	1380
APR	62	150	182	709	37	171	7	183	121	1	1622	28	1595	100	55	1540

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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
MAY	25	0	2	0	0	3	14	35	80	45	35
JUN	17	0	2	0	0	3	20	15	55	35	25
JUL	61	5	2	1	0	5	26	43	145	80	65
AUG	62	5	2	3	0	5	20	37	135	80	55
SEP	62	5	2	6	15	3	6	18	120	55	60
OCT	62	0	3	9	34	2	3	18	130	55	75
NOV	34	0	3	6	23	2	3	7	75	30	45
DEC	33	0	3	7	31	1	3	5	85	30	55
JAN	45	0	2	10	49	1	4	9	120	40	80
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	11	35	20	15
Total	425	16	28	43	153	30	120	201	1015	490	525

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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	
MAY	36	36	0	0	3	3	0	0	0	0	4	4	24	24	47
JUN	36	36	0	0	2	2	0	0	0	0	5	5	30	30	21
JUL	96	96	20	0	2	2	4	4	0	0	6	6	36	36	58
AUG	96	96	20	0	3	3	8	8	0	0	6	6	30	30	50
SEP	96	96	20	0	3	3	8	8	0	56	4	4	12	12	25
OCT	96	96	0	0	4	4	16	16	0	114	3	3	6	6	24
NOV	51	51	0	0	4	4	12	12	0	91	2	2	6	6	9
DEC	51	51	0	0	4	4	12	12	0	111	2	2	6	6	6
JAN	66	66	0	0	3	3	16	16	0	155	1	1	6	6	12
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	15