

United States Bureau of Reclamation - Mid Pacific Region, Central Valley Operations Office
Forecast of CVP Generation
Based on USBR 90 Pct Forecast -B2, Dated 1/18/2018
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
JAN	12	8	5	97	19	40	5	46	0	0	4	230	90	140
FEB	13	10	10	67	14	36	5	26	0	0	3	180	35	145
MAR	15	12	15	73	15	33	4	60	0	0	4	220	50	170
APR	28	20	4	137	24	29	4	79	13	0	6	330	40	290
MAY	46	34	31	164	32	24	3	92	23	0	8	440	60	380
JUN	44	38	31	242	45	29	3	78	74	6	10	580	55	525
JUL	34	36	31	292	55	57	7	50	44	0	10	600	130	470
AUG	42	36	31	219	44	54	7	43	15	0	9	480	140	340
SEP	37	32	31	170	37	32	4	32	0	0	7	370	115	255
OCT	13	9	15	126	27	23	3	26	0	0	4	240	110	130
NOV	14	13	7	93	20	21	3	5	0	0	3	170	65	105
DEC	12	11	6	92	20	21	3	6	0	0	3	170	105	65
Total	310	257	216	1773	353	397	52	543	168	6	71	4010	995	3015

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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
JAN	0	154	182	555	26	170	4	382	0	0	1472	25	1445	180	100	1345
FEB	64	77	182	568	22	170	4	381	0	0	1468	25	1445	205	65	1380
MAR	64	77	182	710	21	176	3	190	0	0	1423	25	1400	285	70	1330
APR	64	75	91	710	34	183	3	188	182	0	1530	26	1505	300	60	1445
MAY	64	147	91	710	44	190	4	186	155	0	1592	27	1565	165	90	1475
JUN	63	147	182	710	65	192	5	360	128	8	1861	31	1830	55	100	1730
JUL	125	147	182	707	78	184	10	350	94	1	1878	32	1845	0	190	1655
AUG	123	147	182	666	62	170	10	340	70	0	1770	30	1740	0	215	1525
SEP	121	148	182	382	53	53	3	332	0	0	1273	22	1250	235	170	1080
OCT	119	150	182	371	37	50	5	326	0	0	1240	21	1220	240	130	1090
NOV	118	154	182	488	29	96	5	324	0	0	1395	24	1370	160	80	1290
DEC	117	154	182	609	27	91	2	325	0	0	1507	26	1480	20	105	1375

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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
JAN	40	0	2	9	25	1	4	7	90	35	55
FEB	16	0	2	3	3	1	5	4	35	20	15
MAR	20	0	2	5	7	1	8	6	50	25	25
APR	11	0	2	2	0	2	10	11	40	20	15
MAY	13	0	2	1	0	2	14	27	60	35	25
JUN	14	0	2	0	0	4	22	15	55	35	25
JUL	48	7	2	0	0	5	29	39	130	75	55
AUG	62	7	2	2	0	6	22	39	140	85	55
SEP	63	7	2	5	11	4	7	18	115	60	55
OCT	59	0	3	8	21	3	3	15	110	55	60
NOV	32	0	3	6	14	2	3	6	65	30	35
DEC	47	0	3	11	32	2	3	6	105	40	65
Total	426	20	28	51	113	34	131	190	995	515	485

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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	
JAN	66	66	0	0	3	3	16	16	0	101	1	1	6	6	9
FEB	36	36	0	0	3	3	8	8	0	25	1	1	12	12	6
MAR	36	36	0	0	3	3	8	8	0	24	2	2	12	12	7
APR	18	18	0	0	3	3	4	4	0	0	2	2	18	18	15
MAY	18	18	0	0	3	3	4	4	0	0	3	3	24	24	36
JUN	36	36	0	0	2	2	0	0	0	0	5	5	36	36	20
JUL	66	66	20	0	2	2	0	0	0	0	7	7	42	42	53
AUG	96	96	20	0	3	3	4	4	0	0	8	8	30	30	52
SEP	96	96	20	0	3	3	8	8	0	41	6	6	12	12	25
OCT	81	81	0	0	4	4	12	12	0	83	4	4	6	6	21
NOV	51	51	0	0	4	4	8	8	0	62	3	3	6	6	8
DEC	66	66	0	0	4	4	16	16	0	100	3	3	6	6	8