

**United States Bureau of Reclamation - California Great Basin Region, Central Valley Operations Office**  
**Forecast of CVP Generation with Uncertainty Bounds Bracketing a Randomly Distributed Population**  
**Based on USBR 50 Pct Forecast -B2, Dated 5/23/2024**  
**Losses are Estimated per WAPA Contractual Provisions**  
**Uncertainty Bounded Energy Generation (All values in GWh)**

Month	Trinity	JF Carr	Spring Creek	Shasta	Keswick	Folsom	Nimbus	New Melones	Federal San Luis	O'Neill	At Plant Total	Total Losses	Total Energy at Tracy			
													Expected Proj Use	Exp Est Net CVP	Low Est Net CVP	High Est Net CVP
MAY	93	12	10	215	37	72	8	89	30	0	566	10	80	480	360	540
JUN	69	35	31	222	41	59	7	77	43	0	584	10	100	470	420	510
JUL	48	40	36	286	46	83	10	56	23	0	628	11	140	480	420	510
AUG	49	41	36	226	45	68	8	46	8	0	527	9	130	390	280	450
SEP	44	35	31	168	35	38	5	39	0	0	395	7	115	270	200	320
OCT	22	19	30	124	28	32	4	40	0	0	299	5	85	210	150	240
NOV	8	3	0	107	20	27	4	11	0	0	180	3	140	40	0	80
DEC	7	0	2	110	21	27	4	10	0	0	181	3	145	30	0	80
JAN	7	0	11	104	21	28	4	7	0	0	182	3	185	-10	0	40
FEB	0	0	17	184	35	52	5	45	0	0	338	6	80	250	120	330
MAR	7	0	8	204	36	34	4	50	0	0	343	6	45	290	160	370
APR	19	10	0	188	32	81	10	89	20	0	449	8	35	410	230	510
Total	373	195	212	2138	397	601	73	559	124	0	4672	81	1280	3310	2340	3980

**United States Bureau of Reclamation - California Great Basin Region, Central Valley Operations Office**  
**Forecast of CVP Generation**  
**Based on USBR 50 Pct Forecast -B2, Dated 5/23/2024**  
**Losses are Estimated per WAPA Contractual Provisions**  
**Expected 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	At Plant Total	Total Losses	Total Capacity at Tracy			
													Expected CVP	Schd. Out	Expected Proj Use	Expected Net CVP
MAY	133	147	91	710	34	204	6	192	123	0	1640	28	1610	280	125	1485
JUN	66	74	91	568	39	210	10	192	102	0	1351	23	1330	360	150	1180
JUL	131	147	0	710	43	200	13	383	90	0	1717	29	1690	140	225	1465
AUG	129	74	91	710	62	184	12	383	93	0	1737	30	1710	160	205	1505
SEP	127	74	91	685	50	117	7	191	0	0	1341	24	1315	360	170	1145
OCT	125	0	91	672	37	113	6	190	0	0	1235	22	1215	445	100	1115
NOV	125	0	91	670	29	112	5	189	0	0	1220	22	1200	465	125	1075
DEC	125	0	91	540	29	167	5	190	0	0	1147	20	1125	495	125	1000
JAN	0	0	91	556	29	170	3	190	0	0	1038	18	1020	655	220	800
FEB	0	0	91	568	53	175	4	191	0	0	1081	19	1060	695	90	970
MAR	0	0	91	568	50	186	6	190	0	0	1091	19	1070	635	65	1005
APR	132	150	91	710	45	202	13	190	176	0	1709	29	1680	275	65	1615

**United States Bureau of Reclamation - California Great Basin Region, Central Valley Operations Office**  
**Forecast of CVP Generation**  
**Based on USBR 50 Pct Forecast -B2, Dated 5/23/2024**  
**Project Use Pumping**  
**Expected 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		
									Exp CVP PU	Expected On Peak	Expected Off Peak
MAY	29	0	2	0	0	3	10	36	80	45	35
JUN	50	0	2	0	0	4	16	26	100	55	45
JUL	63	6	2	1	0	5	22	43	140	80	60
AUG	63	6	2	3	0	5	16	37	130	80	55
SEP	62	6	2	5	13	3	6	17	115	55	60
OCT	45	0	2	5	16	2	3	12	85	40	45
NOV	57	0	3	11	52	1	3	12	140	50	90
DEC	53	0	3	12	65	1	3	8	145	45	100
JAN	62	0	2	15	87	1	4	14	185	75	110
FEB	33	0	2	6	24	1	5	9	80	30	50
MAR	25	0	2	3	4	1	5	5	45	25	20
APR	14	0	2	0	0	2	7	10	35	20	15
Total	556	18	27	60	262	29	99	227	1280	600	685

**United States Bureau of Reclamation - California Great Basin Region, Central Valley Operations Office**  
**Forecast of CVP Generation**  
**Based on USBR 50 Pct Forecast -B2, Dated 5/23/2024**  
**Project Use Pumping**  
**Expected 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	51	51	0	0	3	3	0	0	0	0	5	5	18	18	49
JUN	81	81	0	0	2	2	0	0	0	0	6	6	24	24	35
JUL	96	96	20	0	2	2	4	4	0	0	7	7	36	36	58
AUG	96	96	20	0	3	3	8	8	0	0	6	6	24	24	49
SEP	96	96	20	0	3	3	8	8	0	45	4	4	12	12	24
OCT	66	66	0	0	3	3	8	8	0	68	3	3	6	6	16
NOV	81	81	0	0	4	4	16	16	0	176	2	2	6	6	16
DEC	81	81	0	0	4	4	20	20	0	204	2	2	6	6	11
JAN	96	96	0	0	3	3	20	20	75	199	1	1	6	6	18
FEB	51	51	0	0	3	3	12	12	0	98	1	1	12	12	13
MAR	36	36	0	0	3	3	4	4	0	24	2	2	12	12	7
APR	36	36	0	0	3	3	0	0	0	0	2	2	12	12	13

**United States Bureau of Reclamation - California Great Basin Region, Central Valley Operations Office**  
**Forecast of CVP Generation**  
**Based on USBR 50 Pct Forecast -B2, Dated 5/23/2024**  
**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	93	12	10	215	37	72	8	89	30	0	10	560	80	480
JUN	69	35	31	222	41	59	7	77	43	0	10	570	100	470
JUL	48	40	36	286	46	83	10	56	23	0	11	620	140	480
AUG	49	41	36	226	45	68	8	46	8	0	9	520	130	390
SEP	44	35	31	168	35	38	5	39	0	0	7	390	115	275
OCT	22	19	30	124	28	32	4	40	0	0	5	290	85	205
NOV	8	3	0	107	20	27	4	11	0	0	3	180	140	40
DEC	7	0	2	110	21	27	4	10	0	0	3	180	145	35
JAN	7	0	11	104	21	28	4	7	0	0	3	180	185	-5
FEB	0	0	17	184	35	52	5	45	0	0	6	330	80	250
MAR	7	0	8	204	36	34	4	50	0	0	6	340	45	295
APR	19	10	0	188	32	81	10	89	20	0	8	440	35	405
Total	372	197	212	2137	396	601	72	557	123	1	82	4600	1280	3320

**United States Bureau of Reclamation - California Great Basin Region, Central Valley Operations Office**  
**Forecast of CVP Generation**  
**Based on USBR 50 Pct Forecast -B2, Dated 5/23/2024**  
**Losses are Estimated per WAPA Contractual Provisions**  
**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	133	147	91	710	34	204	6	192	123	0	1640	28	1610	280	125	1485
JUN	66	74	91	568	39	210	10	192	102	0	1351	23	1330	360	150	1180
JUL	131	147	0	710	43	200	13	383	90	0	1717	29	1690	140	225	1465
AUG	129	74	91	710	62	184	12	383	93	0	1737	30	1710	160	205	1505
SEP	127	74	91	685	50	117	7	191	0	0	1341	24	1315	360	170	1145
OCT	125	0	91	672	37	113	6	190	0	0	1235	22	1215	445	100	1115
NOV	125	0	91	670	29	112	5	189	0	0	1220	22	1200	465	125	1075
DEC	125	0	91	540	29	167	5	190	0	0	1147	20	1125	495	125	1000
JAN	0	0	91	556	29	170	3	190	0	0	1038	18	1020	655	220	800
FEB	0	0	91	568	53	175	4	191	0	0	1081	19	1060	695	90	970
MAR	0	0	91	568	50	186	6	190	0	0	1091	19	1070	635	65	1005
APR	132	150	91	710	45	202	13	190	176	0	1709	29	1680	275	65	1615

**United States Bureau of Reclamation - California Great Basin Region, Central Valley Operations Office**  
**Forecast of CVP Generation**  
**Based on USBR 50 Pct Forecast -B2, Dated 5/23/2024**  
**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	29	0	2	0	0	3	10	36	80	45	35
JUN	50	0	2	0	0	4	16	26	100	55	45
JUL	63	6	2	1	0	5	22	43	140	80	60
AUG	63	6	2	3	0	5	16	37	130	80	55
SEP	62	6	2	5	13	3	6	17	115	55	60
OCT	45	0	2	5	16	2	3	12	85	40	45
NOV	57	0	3	11	52	1	3	12	140	50	90
DEC	53	0	3	12	65	1	3	8	145	45	100
JAN	62	0	2	15	87	1	4	14	185	75	110
FEB	33	0	2	6	24	1	5	9	80	30	50
MAR	25	0	2	3	4	1	5	5	45	25	20
APR	14	0	2	0	0	2	7	10	35	20	15
Total	556	18	27	60	262	29	99	227	1280	600	685

**United States Bureau of Reclamation - California Great Basin Region, Central Valley Operations Office**  
**Forecast of CVP Generation**  
**Based on USBR 50 Pct Forecast -B2, Dated 5/23/2024**  
**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	
MAY	51	51	0	0	3	3	0	0	0	0	5	5	18	18	49
JUN	81	81	0	0	2	2	0	0	0	0	6	6	24	24	35
JUL	96	96	20	0	2	2	4	4	0	0	7	7	36	36	58
AUG	96	96	20	0	3	3	8	8	0	0	6	6	24	24	49
SEP	96	96	20	0	3	3	8	8	0	45	4	4	12	12	24
OCT	66	66	0	0	3	3	8	8	0	68	3	3	6	6	16
NOV	81	81	0	0	4	4	16	16	0	176	2	2	6	6	16
DEC	81	81	0	0	4	4	20	20	0	204	2	2	6	6	11
JAN	96	96	0	0	3	3	20	20	75	199	1	1	6	6	18
FEB	51	51	0	0	3	3	12	12	0	98	1	1	12	12	13
MAR	36	36	0	0	3	3	4	4	0	24	2	2	12	12	7
APR	36	36	0	0	3	3	0	0	0	0	2	2	12	12	13