

United States Bureau of Reclamation - Mid Pacific Region, Central Valley Operations Office
Forecast of CVP Generation
Based on USBR 90 Pct Forecast -B2, Dated 12/20/2021
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	9	10	6	57	15	8	1	7	0	0	2	110	85	25
JAN	8	8	5	59	15	14	2	6	0	0	2	120	150	-30
FEB	6	5	5	55	14	50	7	12	0	0	3	150	140	10
MAR	5	1	5	64	15	29	4	22	0	0	3	140	150	-10
APR	21	23	8	81	19	61	7	38	11	0	5	260	35	225
MAY	0	16	8	130	29	62	8	45	31	1	6	320	55	265
JUN	26	29	26	131	33	67	8	42	54	4	7	410	50	360
JUL	26	43	38	151	41	62	8	38	27	0	8	430	140	290
AUG	29	44	38	112	34	23	3	32	9	0	6	320	125	195
SEP	20	31	26	84	27	20	3	20	0	0	4	220	105	115
OCT	10	21	31	72	25	18	3	22	0	0	4	200	135	65
NOV	7	15	10	56	18	14	2	6	0	0	2	130	120	10
Total	169	246	205	1054	286	429	55	289	132	5	50	2810	1290	1520

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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	44	154	182	358	21	104	2	239	0	0	1103	19	1085	70	90	995
JAN	44	154	91	374	21	111	3	120	0	0	918	16	900	280	170	730
FEB	44	77	91	399	22	172	10	121	0	0	936	17	920	230	150	770
MAR	47	77	182	533	21	180	5	241	0	0	1287	23	1265	115	135	1130
APR	0	75	182	555	18	189	11	237	138	0	1405	24	1380	115	65	1315
MAY	0	147	182	550	26	191	10	229	130	1	1467	25	1445	110	90	1355
JUN	0	147	91	522	15	185	12	217	114	5	1308	22	1285	80	75	1210
JUL	87	147	91	471	38	172	11	205	95	0	1317	22	1295	105	195	1100
AUG	77	147	91	334	46	163	5	194	83	0	1141	19	1120	95	175	945
SEP	67	147	91	297	37	108	4	187	0	0	938	16	920	215	150	770
OCT	57	150	91	340	23	106	4	181	0	0	952	17	935	145	150	785
NOV	52	154	91	265	26	104	3	178	0	0	873	15	855	195	115	740

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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	41	0	0	9	32	1	0	5	85	30	55
JAN	62	0	0	15	61	1	0	11	150	60	90
FEB	53	0	0	12	56	1	0	15	140	50	85
MAR	59	0	2	12	54	2	4	17	150	55	95
APR	14	0	2	0	0	2	6	10	35	20	15
MAY	15	0	2	0	0	3	10	24	55	30	25
JUN	12	0	2	0	0	4	20	13	50	30	20
JUL	59	0	1	4	0	5	28	42	140	75	65
AUG	59	0	1	6	0	5	19	35	125	70	50
SEP	59	0	2	7	14	3	6	16	105	50	55
OCT	61	0	0	11	42	1	0	18	135	55	75
NOV	50	0	1	11	46	1	0	10	120	40	80
Total	546	0	12	86	305	28	94	217	1290	565	710

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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	66	66	0	0	0	0	16	16	0	98	1	1	0	0	7
JAN	96	96	0	0	0	0	24	24	35	141	2	2	0	0	15
FEB	81	81	0	0	0	0	20	20	23	181	2	2	0	0	23
MAR	81	81	0	0	2	2	20	20	0	177	2	2	6	6	24
APR	36	36	0	0	2	2	0	0	0	0	3	3	12	12	13
MAY	36	36	0	0	2	2	0	0	0	0	4	4	18	18	32
JUN	18	18	0	0	2	2	0	0	0	0	5	5	30	30	18
JUL	81	81	0	0	2	2	8	8	0	0	6	6	42	42	56
AUG	81	81	0	0	2	2	8	8	0	0	6	6	30	30	47
SEP	96	96	0	0	2	2	12	12	0	57	5	5	12	12	23
OCT	96	96	0	0	1	1	16	16	14	112	1	1	0	0	25
NOV	81	81	0	0	1	1	16	16	0	160	1	1	0	0	14