

United States Bureau of Reclamation - Mid Pacific Region, Central Valley Operations Office
Forecast of CVP Generation
Based on USBR 50 Pct Forecast -B2, Dated 10/29/2004
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	Total Losses	Total at Tracy		
											CVP	Proj Use	Net CVP
OCT	32.5	39.6	36.1	110.9	30.9	22.7	3.3	8.0	0.0	12.6	271.3	135.6	135.7
NOV	50.6	0.2	3.6	77.7	18.8	28.5	4.2	1.2	0.0	8.3	176.6	129.8	46.7
DEC	6.4	0.2	8.0	78.5	19.4	29.0	4.4	3.9	0.0	6.6	143.0	150.4	-7.4
JAN	6.3	-0.1	10.9	79.0	19.4	29.0	4.4	11.1	0.0	6.9	153.2	170.9	-17.8
FEB	6.5	0.8	17.4	69.4	17.6	30.9	4.4	3.6	0.0	6.7	143.9	131.2	12.7
MAR	8.6	2.7	14.9	84.4	19.4	40.6	5.5	10.0	0.0	8.1	177.9	146.2	31.8
APR	52.0	60.7	45.7	108.1	27.8	83.0	10.5	40.8	19.7	18.5	429.8	52.2	377.6
MAY	91.2	48.4	46.6	189.3	41.8	83.0	10.0	66.6	57.1	24.9	609.1	48.8	560.3
JUN	80.0	52.7	46.6	181.1	40.8	66.6	7.8	50.8	41.9	22.8	545.6	100.9	444.6
JUL	66.5	68.8	62.2	268.7	59.3	56.6	6.7	51.3	32.4	27.8	644.6	143.9	500.7
AUG	50.3	69.3	62.2	201.5	48.7	42.1	5.0	53.2	24.5	22.9	533.9	133.6	400.3
SEP	48.4	71.0	62.2	89.7	27.7	35.9	4.3	36.8	0.0	16.0	360.0	114.0	245.9
Total	499.3	414.3	416.4	1538.2	371.7	547.9	70.4	337.4	175.7	182.1	4189.0	1457.8	2731.2

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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	Total Cap. at Plant	Total Losses	Total Capacity at Tracy			
												CVP	Sch. Out	Proj. Use	Net CVP
OCT	123	148	182	404	27	100	5	139	0	1127	51	1077	289	175	902
NOV	122	0	182	302	17	98	6	140	0	869	39	829	448	136	693
DEC	123	0	182	308	17	97	6	143	0	876	39	836	437	136	700
JAN	62	0	182	215	26	98	6	145	0	733	33	700	537	166	534
FEB	63	154	182	345	26	105	3	148	0	1027	46	981	431	134	846
MAR	64	154	91	372	26	173	4	154	0	1037	47	990	433	148	843
APR	129	150	91	372	37	186	14	159	180	1318	59	1259	431	92	1167
MAY	128	147	91	496	56	201	13	165	150	1448	65	1383	329	84	1298
JUN	126	147	182	496	56	210	11	170	124	1523	69	1454	253	153	1301
JUL	123	147	182	620	82	207	9	169	103	1642	74	1568	161	218	1350
AUG	120	147	182	611	66	201	7	325	89	1749	79	1670	0	204	1466
SEP	116	147	182	595	25	198	6	315	0	1584	71	1513	4	160	1353

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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
OCT	62.0	14.6	1.6	7.5	33.1	4.5	3.4	9.0	135.6	60.7	75.0
NOV	60.3	0.0	1.8	12.1	43.8	2.1	3.3	6.4	129.8	43.0	86.8
DEC	62.9	0.0	2.1	13.9	59.0	1.7	4.1	6.5	150.4	47.9	102.5
JAN	63.9	0.0	2.3	14.1	74.0	1.0	4.1	11.5	170.9	51.4	119.5
FEB	51.1	0.0	2.8	9.2	48.5	0.8	5.5	13.4	131.2	42.5	88.8
MAR	57.7	0.0	3.0	8.5	41.4	11.4	6.9	17.2	146.2	57.0	89.1
APR	28.7	0.0	3.0	0.1	0.0	2.0	9.7	8.8	52.2	28.3	23.9
MAY	17.0	0.0	2.3	0.0	0.0	2.9	13.8	12.8	48.8	24.6	24.2
JUN	42.3	0.0	2.3	0.0	0.0	3.6	22.1	30.7	100.9	54.7	46.3
JUL	63.9	7.1	2.1	1.7	0.0	4.7	29.5	34.9	143.9	76.1	67.8
AUG	63.7	7.1	2.1	1.7	0.0	5.0	25.4	28.7	133.6	76.0	57.6
SEP	61.8	7.1	2.1	5.3	17.7	3.6	4.7	11.8	114.0	53.6	60.4
Total	635.2	35.9	27.6	74.0	317.5	43.5	132.5	191.6	1457.8	615.8	842.0

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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	
OCT	96	96	40	0	2	2	12	12	0	106	6	6	6	6	12
NOV	96	96	0	0	3	3	20	20	0	132	3	3	6	6	9
DEC	96	96	0	0	3	3	20	20	0	181	2	2	6	6	9
JAN	96	96	0	0	3	3	20	20	24	194	1	1	6	6	15
FEB	81	81	0	0	4	4	16	16	0	172	1	1	12	12	20
MAR	81	81	0	0	4	4	12	12	0	143	15	15	12	12	23
APR	51	51	0	0	4	4	4	4	0	0	3	3	18	18	12
MAY	36	36	0	0	3	3	0	0	0	0	4	4	24	24	17
JUN	66	66	0	0	3	3	0	0	0	0	5	5	36	36	43
JUL	96	96	20	0	3	3	4	4	0	0	6	6	42	42	47
AUG	96	96	20	0	3	3	4	4	0	0	7	7	36	36	39
SEP	96	96	20	0	3	3	8	8	0	68	5	5	12	12	16