

**Twelve-Month Forecast of CVP Generation and Base Resource**  
February 2023 Through January 2024  
Values at Load Center (Tracy Substation)

Exceedance Level: 90% (Dry)

Month	CVP Generation		Project Use		First Preference		Reg & Res	Purchases and Exchanges						Base Resource		
	CVP Maximum Capacity (MW)	CVP Energy Generation (GWh)	Peak Project Use Demand (MW)	Project Use (PU) Load Energy (GWh)	First Pref. (FP) Peak Demand (MW)	First Pref. (FP) Load Energy (GWh)		Estimated Ancillary Services Capacity (MW)	PU Forward Purchase Off-Peak Energy (GWh)	PU & FP Capacity Purchase Reqmts. (MW)	Additional PU & FP Energy		Ancillary Services Purchase Reqmt. (MW)	Project Capacity Available for BR (MW)	Energy Available for Base Resource (GWh)	Capacity Factor (%)
											(This column for future use)	(This column for future use)				
Column	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Feb-2023	1095	160	190	150	29.8	20.0	182.0	0.0	0.0	10.0			0.0	693.2	0.0	0.0
Mar-2023	1070	170	180	165	26.4	17.6	182.0	0.0	0.0	12.6			0.0	681.6	0.0	0.0
Apr-2023	1335	400	50	35	24.5	17.7	182.0	0.0	0.0	0.0			0.0	1,078.5	347.3	44.7
May-2023	1250	500	70	50	22.7	16.9	182.0	0.0	0.0	0.0			0.0	975.3	433.1	59.7
Jun-2023	1455	430	65	45	24.3	17.5	182.0	0.0	0.0	0.0			0.0	1,183.7	367.5	43.1
Jul-2023	1385	400	195	130	26.0	19.4	182.0	0.0	0.0	0.0			0.0	982.0	250.6	34.3
Aug-2023	1345	280	185	120	25.3	18.8	182.0	0.0	0.0	0.0			0.0	952.7	141.2	19.9
Sep-2023	1015	180	165	105	23.7	17.0	182.0	0.0	0.0	0.0			0.0	644.3	58.0	12.5
Oct-2023	985	150	125	115	22.9	17.1	182.0	0.0	0.0	0.0			0.0	655.1	17.9	3.7
Nov-2023	830	120	135	115	27.1	19.5	182.0	0.0	0.0	14.5			0.0	485.9	0.0	0.0
Dec-2023	835	120	100	110	29.2	21.7	182.0	0.0	0.0	11.7			0.0	523.8	0.0	0.0
Jan-2024	1060	70	105	130	29.7	22.1	182.0	0.0	0.0	82.1			0.0	743.3	0.0	0.0
Total	13,660.0	2,980.0	1,565.0	1,270.0	311.6	225.3		0.0		130.9				1,615.7		

Exceedance Level 50% (Average)

Month	CVP Generation		Project Use		First Preference		Reg & Res	Purchases and Exchanges						Base Resource		
	Maximum CVP Capacity (MW)	CVP Energy Generation (GWh)	Peak Project Use Demand (MW)	Project Use (PU) Load Energy (GWh)	First Pref. (FP) Peak Demand (MW)	First Pref. (FP) Load Energy (GWh)		Estimated Ancillary Services Capacity (MW)	PU Forward Purchase Off-Peak Energy (GWh)	PU & FP Capacity Purchase Reqmts. (MW)	Additional PU & FP Energy		Ancillary Services Purchase Reqmt. (MW)	Project Capacity Available for BR (MW)	Energy Available for Base Resource (GWh)	Capacity Factor (%)
											(This column for future use)	(This column for future use)				
Column	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Feb-2023	1105	210.0	170.0	140.0	29.8	20.0	182.0	0.0	0.0	0.0			0.0	723.2	50.0	10.3
Mar-2023	1120	270.0	150.0	160.0	26.4	17.6	182.0	0.0	0.0	0.0			0.0	761.6	92.4	16.3
Apr-2023	1360	360.0	50.0	35.0	24.5	17.7	182.0	0.0	0.0	0.0			0.0	1,103.5	307.3	38.7
May-2023	1290	460.0	75.0	50.0	22.7	16.9	182.0	0.0	0.0	0.0			0.0	1,010.3	393.1	52.3
Jun-2023	1565	460.0	115.0	70.0	24.3	17.5	182.0	0.0	0.0	0.0			0.0	1,243.7	372.5	41.6
Jul-2023	1550	480.0	175.0	125.0	26.0	19.4	182.0	0.0	0.0	0.0			0.0	1,167.0	335.6	38.7
Aug-2023	1575	360.0	180.0	120.0	25.3	18.8	182.0	0.0	0.0	0.0			0.0	1,187.7	221.2	25.0
Sep-2023	1245	240.0	145.0	100.0	23.7	17.0	182.0	0.0	0.0	0.0			0.0	894.3	123.0	19.1
Oct-2023	1225	180.0	145.0	125.0	22.9	17.1	182.0	0.0	0.0	0.0			0.0	875.1	37.9	5.8
Nov-2023	1065	140.0	120.0	105.0	27.1	19.5	182.0	0.0	0.0	0.0			0.0	735.9	15.5	2.9
Dec-2023	1100	140.0	135.0	140.0	29.2	21.7	182.0	0.0	0.0	21.7			0.0	753.8	0.0	0.0
Jan-2024	1215	90.0	190.0	165.0	29.7	22.1	182.0	0.0	0.0	97.1			0.0	813.3	0.0	0.0
Total	15,415.0	3,390.0	1,650.0	1,335.0	311.6	225.3		0.0		118.8				1,948.6		

Notes:

- For the AS (Column G), it was assumed that Western's total operating reserve obligation to be equal to the sum of spinning reserve of 134 MW and regulation of 48 MW on average monthly long term basis.
- Delta pumping has returned to maximum after investigation of DMC flood damage. Folsom spill expected to end on 1/25. Spring Creek power plant full loading will continue for an extended period as sideflows recede and Whiskeytown storage rer Some Trinity and Carr power plant operations will be needed during the next two weeks to support commissioning of Trinity U2 new turbine runner. Modest amounts of Base Resource should periodically be available for the coming week. Sacramento, Trinity, and Stanislaus Rivers at base flows with American River moving to match inflows.
- Please use 90% study for all your analysis.