

Twelve-Month Forecast of CVP Generation and Base Resource
August 2023 Through July 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
Aug-2023	1790	500	195	130	25.2	18.7	182.0	0.0	0.0	0.0			0.0	1,387.8	351.3	34.0
Sep-2023	1345	320	155	105	23.6	17.0	182.0	0.0	0.0	0.0			0.0	984.4	198.0	27.9
Oct-2023	1490	250	150	80	22.8	17.0	182.0	0.0	0.0	0.0			0.0	1,135.2	153.0	18.1
Nov-2023	1215	190	155	120	26.9	19.4	182.0	0.0	0.0	0.0			0.0	851.1	50.6	8.2
Dec-2023	1260	190	175	165	29.1	21.6	182.0	0.0	0.0	0.0			0.0	873.9	3.4	0.5
Jan-2024	1245	180	85	75	29.6	22.0	182.0	0.0	0.0	0.0			0.0	948.4	83.0	11.8
Feb-2024	1595	160	70	35	29.7	20.7	182.0	0.0	0.0	0.0			0.0	1,313.3	104.3	11.4
Mar-2024	1515	170	65	40	26.3	19.5	182.0	0.0	0.0	0.0			0.0	1,241.7	110.5	12.0
Apr-2024	1675	350	55	35	24.5	17.6	182.0	0.0	0.0	0.0			0.0	1,413.5	297.4	29.2
May-2024	1665	470	105	65	22.8	16.9	182.0	0.0	0.0	0.0			0.0	1,355.2	388.1	38.5
Jun-2024	1520	490	85	55	24.2	17.4	182.0	0.0	0.0	0.0			0.0	1,228.8	417.6	47.2
Jul-2024	1555	450	100	70	26.0	19.3	182.0	0.0	0.0	0.0			0.0	1,247.0	360.7	38.9
Total	17,870.0	3,720.0	1,395.0	975.0	310.5	227.2		0.0		0.0					2,517.8	

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
Aug-2023	1790	500.0	195.0	130.0	25.2	18.7	182.0	0.0	0.0	0.0			0.0	1,387.8	351.3	34.0
Sep-2023	1350	350.0	150.0	105.0	23.6	17.0	182.0	0.0	0.0	0.0			0.0	994.4	228.0	31.8
Oct-2023	1315	230.0	200.0	160.0	22.8	17.0	182.0	0.0	0.0	0.0			0.0	910.2	53.0	7.8
Nov-2023	1210	190.0	195.0	175.0	26.9	19.4	182.0	0.0	0.0	4.4			0.0	806.1	0.0	0.0
Dec-2023	1275	240.0	115.0	70.0	29.1	21.6	182.0	0.0	0.0	0.0			0.0	948.9	148.4	21.0
Jan-2024	1270	260.0	65.0	45.0	29.6	22.0	182.0	0.0	0.0	0.0			0.0	993.4	193.0	26.1
Feb-2024	1470	390.0	90.0	60.0	29.7	20.7	182.0	0.0	0.0	0.0			0.0	1,168.3	309.3	38.0
Mar-2024	1555	360.0	70.0	45.0	26.3	19.5	182.0	0.0	0.0	0.0			0.0	1,276.7	295.5	31.1
Apr-2024	1720	370.0	75.0	40.0	24.5	17.6	182.0	0.0	0.0	0.0			0.0	1,438.5	312.4	30.2
May-2024	1700	500.0	105.0	65.0	22.8	16.9	182.0	0.0	0.0	0.0			0.0	1,390.2	418.1	40.4
Jun-2024	1560	410.0	190.0	125.0	24.2	17.4	182.0	0.0	0.0	0.0			0.0	1,163.8	267.6	31.9
Jul-2024	1690	440.0	210.0	150.0	26.0	19.3	182.0	0.0	0.0	0.0			0.0	1,272.0	270.7	28.6
Total	17,905.0	4,240.0	1,660.0	1,170.0	310.5	227.2		0.0		4.4					2,847.2	

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.
- Trinity diversions of approximately 1,000 AF/day through Spring Creek for temperature mitigation at Lewiston and Whiskeytown. Sacramento, American, Trinity, and Stanislaus Rivers are expected to remain near current flows. Base Resource is likely to remain steady. Delta pumping expected to remain near maximum with San Luis drawdown being used to support irrigation demands.