

Twelve-Month Forecast of CVP Generation and Base Resource
November 2023 Through October 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 Purchase Reqmts. (GWh)	(This column for future use) (MW)	(This column for future use) (GWh)	Ancillary Services Purchase Reqmt. (MW)	Project Capacity Available for BR (MW)	Energy Available for Base Resource (GWh)
Column	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Nov-2023	950	210	160	130	26.4	19.0	182.0	0.0	0.0	0.0			0.0	581.6	61.0	14.5
Dec-2023	870	170	135	105	28.5	21.2	182.0	0.0	0.0	0.0			0.0	524.5	43.8	11.2
Jan-2024	865	190	65	45	29.0	21.6	182.0	0.0	0.0	0.0			0.0	589.0	123.4	28.2
Feb-2024	1170	160	90	55	29.2	20.3	182.0	0.0	0.0	0.0			0.0	868.8	84.7	14.0
Mar-2024	1445	170	80	60	25.7	19.2	182.0	0.0	0.0	0.0			0.0	1,157.3	90.8	10.6
Apr-2024	1690	340	45	30	24.0	17.3	182.0	0.0	0.0	0.0			0.0	1,439.0	292.7	28.3
May-2024	1870	460	60	45	22.3	16.6	182.0	0.0	0.0	0.0			0.0	1,605.7	398.4	33.3
Jun-2024	1845	490	55	40	23.7	17.0	182.0	0.0	0.0	0.0			0.0	1,584.3	433.0	38.0
Jul-2024	1760	510	110	55	25.5	18.9	182.0	0.0	0.0	0.0			0.0	1,442.5	436.1	40.6
Aug-2024	1580	370	145	85	24.7	18.4	182.0	0.0	0.0	0.0			0.0	1,228.3	266.6	29.2
Sep-2024	1300	280	135	95	23.2	16.7	182.0	0.0	0.0	0.0			0.0	959.8	168.3	24.4
Oct-2024	955	250	180	120	22.5	16.7	182.0	0.0	0.0	0.0			0.0	570.5	113.3	26.7
Total	16,300.0	3,600.0	1,260.0	865.0	304.6	222.9		0.0		0.0					2,512.1	

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 Purchase Reqmts. (GWh)	(This column for future use) (MW)	(This column for future use) (GWh)	Ancillary Services Purchase Reqmt. (MW)	Project Capacity Available for BR (MW)	Energy Available for Base Resource (GWh)
Column	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Nov-2023	955	180.0	180.0	150.0	26.4	19.0	182.0	0.0	0.0	0.0			0.0	566.6	11.0	2.7
Dec-2023	885	220.0	155.0	135.0	28.5	21.2	182.0	0.0	0.0	0.0			0.0	519.5	63.8	16.5
Jan-2024	895	240.0	65.0	45.0	29.0	21.6	182.0	0.0	0.0	0.0			0.0	619.0	173.4	37.7
Feb-2024	1065	340.0	90.0	60.0	29.2	20.3	182.0	0.0	0.0	0.0			0.0	763.8	259.7	48.9
Mar-2024	1490	370.0	70.0	45.0	25.7	19.2	182.0	0.0	0.0	0.0			0.0	1,212.3	305.8	34.0
Apr-2024	1710	400.0	55.0	35.0	24.0	17.3	182.0	0.0	0.0	0.0			0.0	1,449.0	347.7	33.3
May-2024	1890	510.0	85.0	60.0	22.3	16.6	182.0	0.0	0.0	0.0			0.0	1,600.7	433.4	36.4
Jun-2024	1880	450.0	150.0	105.0	23.7	17.0	182.0	0.0	0.0	0.0			0.0	1,524.3	328.0	29.9
Jul-2024	1880	590.0	210.0	145.0	25.5	18.9	182.0	0.0	0.0	0.0			0.0	1,462.5	426.1	39.2
Aug-2024	1740	490.0	185.0	120.0	24.7	18.4	182.0	0.0	0.0	0.0			0.0	1,348.3	351.6	35.1
Sep-2024	1370	350.0	155.0	105.0	23.2	16.7	182.0	0.0	0.0	0.0			0.0	1,009.8	228.3	31.4
Oct-2024	1075	320.0	185.0	135.0	22.5	16.7	182.0	0.0	0.0	0.0			0.0	685.5	168.3	33.0
Total	16,835.0	4,460.0	1,585.0	1,140.0	304.6	222.9		0.0		0.0					3,097.1	

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 at 1,000 AF/day through Spring Creek for temperature mitigation at Lewiston and Whiskeytown. Pulse flows ending on the Stanislaus River. Sacramento and American Rivers likely to decrease end of October. Low dissolved oxygen levels being mitigated by spillway use at Nimbus. Delta pumping is at minimum. Base Resource is likely to decrease going into the end of October.