

Twelve-Month Forecast of CVP Generation and Base Resource
October 2023 Through September 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
Oct-2023	1320	270	175	125	22.0	16.4	182.0	0.0	0.0	0.0			0.0	941.0	128.6	18.4
Nov-2023	1060	210	180	155	26.0	18.7	182.0	0.0	0.0	0.0			0.0	672.0	36.3	7.5
Dec-2023	1050	190	135	100	28.1	20.9	182.0	0.0	0.0	0.0			0.0	704.9	69.1	13.2
Jan-2024	1230	190	65	45	28.6	21.2	182.0	0.0	0.0	0.0			0.0	954.4	123.8	17.4
Feb-2024	1395	170	90	55	28.7	20.0	182.0	0.0	0.0	0.0			0.0	1,094.3	95.0	12.5
Mar-2024	1445	170	60	55	25.4	18.9	182.0	0.0	0.0	0.0			0.0	1,177.6	96.1	11.0
Apr-2024	1690	340	45	30	23.7	17.0	182.0	0.0	0.0	0.0			0.0	1,439.3	293.0	28.3
May-2024	1860	460	60	45	22.0	16.4	182.0	0.0	0.0	0.0			0.0	1,596.0	398.6	33.6
Jun-2024	1840	490	55	40	23.3	16.8	182.0	0.0	0.0	0.0			0.0	1,579.7	433.2	38.1
Jul-2024	1755	510	110	55	25.1	18.7	182.0	0.0	0.0	0.0			0.0	1,437.9	436.3	40.8
Aug-2024	1570	380	145	90	24.3	18.1	182.0	0.0	0.0	0.0			0.0	1,218.7	271.9	30.0
Sep-2024	1180	320	115	80	22.9	16.5	182.0	0.0	0.0	0.0			0.0	860.1	223.5	36.1
Total	17,395.0	3,700.0	1,235.0	875.0	300.0	219.5		0.0		0.0					2,605.5	

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
Oct-2023	1320	260.0	155.0	100.0	22.0	16.4	182.0	0.0	0.0	0.0			0.0	961.0	143.6	20.1
Nov-2023	1075	200.0	195.0	170.0	26.0	18.7	182.0	0.0	0.0	0.0			0.0	672.0	11.3	2.3
Dec-2023	1075	230.0	130.0	90.0	28.1	20.9	182.0	0.0	0.0	0.0			0.0	734.9	119.1	21.8
Jan-2024	1275	240.0	65.0	45.0	28.6	21.2	182.0	0.0	0.0	0.0			0.0	999.4	173.8	23.4
Feb-2024	1280	370.0	90.0	60.0	28.7	20.0	182.0	0.0	0.0	0.0			0.0	979.3	290.0	42.5
Mar-2024	1490	370.0	70.0	45.0	25.4	18.9	182.0	0.0	0.0	0.0			0.0	1,212.6	306.1	34.0
Apr-2024	1715	390.0	75.0	40.0	23.7	17.0	182.0	0.0	0.0	0.0			0.0	1,434.3	333.0	32.2
May-2024	1890	500.0	105.0	65.0	22.0	16.4	182.0	0.0	0.0	0.0			0.0	1,581.0	418.6	35.6
Jun-2024	1880	450.0	150.0	105.0	23.3	16.8	182.0	0.0	0.0	0.0			0.0	1,524.7	328.2	29.9
Jul-2024	1880	590.0	210.0	145.0	25.1	18.7	182.0	0.0	0.0	0.0			0.0	1,462.9	426.3	39.2
Aug-2024	1750	490.0	170.0	120.0	24.3	18.1	182.0	0.0	0.0	0.0			0.0	1,373.7	351.9	34.4
Sep-2024	1320	420.0	130.0	80.0	22.9	16.5	182.0	0.0	0.0	0.0			0.0	985.1	323.5	45.6
Total	17,950.0	4,510.0	1,545.0	1,065.0	300.0	219.5		0.0		0.0					3,225.5	

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 dropping to 1,000 AF/day through Spring Creek for temperature mitigation at Lewiston and Whiskeytown on 9/27. Gradual reductions continuing on all rivers as irrigation demands wane. Base Resource is likely to remain steady in the near term. Delta pumping expected to remain at four units for the coming week.