Western Area Power Administration
Sierra Nevada Region

Starting Forecast Month: **February 2025**

Twelve-Month Forecast of CVP Generation and Base Resource

February 2025 hroug January 2026

Values at Load Center (Tracy Substation)

Based on Inflow Exceedance Level: **90% (Dry)**

Month	CVP Generation		Project Use		First Preference		Losses				Reg & Res	Purchases and Exchanges			
	CVP Maximum Capability (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)	CVPT (MW)	CVPT (GWh)	COTP (MW)	COTP (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)	Ancillary Services Purchase Reqmt. (MW)
Column	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Feb-2025	1358	204	110	80	31.1	20.9	23.4	3.6	12.8	7.4	182.0	0.0	0.0	0.0	0.0
Mar-2025	1374	224	105	100	28.7	21.3	23.7	4.0	12.3	9.5	182.0	0.0	0.0	0.0	0.0
Apr-2025	1708	326	65	35	26.1	18.8	28.5	5.7	22.0	8.8	182.0	0.0	0.0	0.0	0.0
May-2025	1704	499	100	65	21.8	16.2	28.6	8.6	27.5	16.3	182.0	0.0	0.0	0.0	0.0
Jun-2025	1688	560	80	55	25.9	18.6	28.4	9.6	21.5	19.8	182.0	0.0	0.0	0.0	0.0
Jul-2025	1597	641	140	85	28.4	21.1	27.0	11.2	18.5	16.0	182.0	0.0	0.0	0.0	0.0
Aug-2025	1648	509	195	120	27.2	20.2	28.1	9.0	18.9	13.7	182.0	0.0	0.0	0.0	0.0
Sep-2025	1430	336	170	120	25.0	18.0	24.9	5.9	11.6	13.6	182.0	0.0	0.0	0.0	0.0
Oct-2025	1404	275	130	110	25.6	19.1	24.4	4.8	14.4	8.6	182.0	0.0	0.0	0.0	0.0
Nov-2025	1369	163	75	55	29.1	21.0	23.8	2.9	10.7	10.4	182.0	0.0	0.0	0.0	0.0
Dec-2025	1415	163	100	115	29.8	22.2	24.6	3.0	11.6	8.0	182.0	0.0	0.0	0.0	0.0
Jan-2026	1374	7	105	125	31.1	23.2	23.7	6.7	11.1	8.6	182.0	0.0	0.0	141.5	0.0
Total	18,069.1	3,904.9	1,375.0	1,065.0	329.9	240.6						0.0		141.5	

Based on Inflow Exceedance Level: **50% (Average)**

Month	CVP Generation		Project Use		First Preference		Losses				Reg & Res	ses and Exchanges			Ba
	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)	CVPT (MW)	CVPT (GWh)	COTP (MW)	COTP (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)	Ancillary Services Purchase Reqmt. (MW)
Column	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Feb-2025	1404	438	135	120	31.1	20.9	24.2	7.9	12.8	7.4	182.0	0.0	0.0	0.0	0.0
Mar-2025	1435	489	115	120	28.7	21.3	24.7	8.8	12.3	9.5	182.0	0.0	0.0	0.0	0.0
Apr-2025	1744	448	85	55	26.1	18.8	29.1	7.7	22.0	8.8	182.0	0.0	0.0	0.0	0.0
May-2025	1734	600	120	85	21.8	16.2	29.1	10.2	27.5	16.3	182.0	0.0	0.0	0.0	0.0
Jun-2025	1714	550	165	110	25.9	18.6	28.9	9.5	21.5	19.8	182.0	0.0	0.0	0.0	0.0
Jul-2025	1638	621	220	145	28.4	21.1	27.6	10.8	18.5	16.0	182.0	0.0	0.0	0.0	0.0
Aug-2025	1745	499	205	135	27.2	20.2	29.6	8.9	18.9	13.7	182.0	0.0	0.0	0.0	0.0
Sep-2025	1557	417	180	115	25.0	18.0	27.0	7.4	11.6	13.6	182.0	0.0	0.0	0.0	0.0
Oct-2025	1537	377	150	125	25.6	19.1	26.7	6.6	14.4	8.6	182.0	0.0	0.0	0.0	0.0
Nov-2025	1496	214	140	140	29.1	21.0	26.0	3.9	10.7	10.4	182.0	0.0	0.0	0.0	0.0
Dec-2025	1557	275	120	140	29.8	22.2	27.1	5.0	11.6	8.0	182.0	0.0	0.0	0.0	0.0
Jan-2026	1374	6	125	135	31.1	23.2	23.7	6.4	11.1	8.6	182.0	0.0	0.0	151.8	0.0
Total	18,933.9	4,933.1	1,760.0	1,425.0	329.9	240.6						0.0		151.8	

Notes:

1) 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.

2)Sacramento River releases will continue to be cut through the coming week. Trinity River flood releases will continue. American and Stanislaus rivers remain at Winter base flows.
3)Delta pumping increasing to four units early in the week with an 8-hour reduction on 1/29 for diver work. Pumping expected to remain elevated through the end of the month. Base Resource will decr

Important Updates to Methodology as of December 2024 power forecast
1) California Oregon Transmission Losses are now included in the calculation of Base Resource within the forecast. Previous forecast did not include California Oregon Transmission Losses, resulting in a consistent over estimation of Base Resource.

2) CVP Transmission losses are now shown in the forecast. CVPT losses have always been factored into the forecast, but now shown as a separate column. Previous forecasts have provided the CVP Energy Generation in column A as a net after CVPT was removed. The current forecast shows Gross CVP Generation with a separate column for CVPT losses.