

Western Area Power Administration
Sierra Nevada Region

Starting Forecast Month: October 2026

Twelve-Month Forecast of CVP Generation and Base Resource

October 2026 - September 2027

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				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)	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)	Project Capacity Available for BR (MW)	Energy Available for Base Resource (GWh)	Capacity Factor (%)
Column	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
Oct-2026	1114	254	55	35	28.6	17.6	19.0	4.3	13.9	10.4	182.0	0.0	0.0	0.0	0.0	815.5	187.0	30.8
Nov-2026	1246	224	30	20	33.1	19.6	21.3	3.9	22.0	15.8	182.0	0.0	0.0	0.0	0.0	957.9	164.6	23.8
Dec-2026	1079	183	35	20	32.5	20.9	19.1	3.3	33.2	24.7	182.0	0.0	0.0	0.0	0.0	777.2	114.4	19.8
Jan-2027	1090	143	105	110	34.4	21.6	19.7	2.6	21.0	15.6	182.0	0.0	0.0	0.0	0.0	727.6	0.0	0.0
Feb-2027	1267	153	105	85	34.4	19.8	22.4	2.7	19.7	13.3	182.0	0.0	0.0	0.0	0.0	903.9	31.9	5.2
Mar-2027	1293	142	100	90	34.3	20.4	22.9	2.5	37.1	27.6	182.0	0.0	0.0	0.0	0.0	916.5	2.0	0.3
Apr-2027	1455	295	40	30	31.4	17.6	24.9	5.0	41.7	30.0	182.0	0.0	0.0	0.0	0.0	1,135.0	212.4	26.0
May-2027	1668	549	60	40	27.2	17.1	28.4	9.5	27.7	20.6	182.0	0.0	0.0	0.0	0.0	1,343.1	462.3	46.3
Jun-2027	1506	539	45	30	32.6	18.1	25.6	9.2	45.5	32.7	182.0	0.0	0.0	0.0	0.0	1,175.0	449.2	53.1
Jul-2027	1511	529	50	35	36.5	20.2	26.0	9.2	39.2	29.2	182.0	0.0	0.0	0.0	0.0	1,177.2	435.6	49.7
Aug-2027	1354	418	35	25	34.2	19.2	23.7	7.5	30.0	22.3	182.0	0.0	0.0	0.0	0.0	1,048.8	343.5	44.0
Sep-2027	1460	295	145	90	30.1	17.1	25.4	5.3	24.6	17.5	182.0	0.0	0.0	0.0	0.0	1,053.3	165.3	21.8
Total	16,043.5	3,724.9	805.0	610.0	389.4	229.2	278.5	64.9	355.5	259.8		0.0		0.0			2,568.2	

Based on Inflow Exceedance Level: 50% (Average)

Month	CVP Generation		Project Use		First Preference		Losses				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)	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)	Project Capacity Available for BR (MW)	Energy Available for Base Resource (GWh)	Capacity Factor (%)
Column	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
Oct-2026	1114	244	100	60	28.6	17.6	19.0	4.3	13.9	10.4	182.0	0.0	0.0	0.0	0.0	770.5	152.0	26.5
Nov-2026	1171	214	55	35	33.1	19.6	20.6	3.8	22.0	15.8	182.0	0.0	0.0	0.0	0.0	857.9	139.6	22.6
Dec-2026	1115	163	100	105	32.5	20.9	19.7	3.0	33.2	24.7	182.0	0.0	0.0	0.0	0.0	747.2	9.4	1.7
Jan-2027	1161	153	125	155	34.4	21.6	21.1	2.8	21.0	15.6	182.0	0.0	0.0	23.8	0.0	777.6	0.0	0.0
Feb-2027	1379	204	135	135	34.4	19.8	24.4	3.6	19.7	13.3	182.0	0.0	0.0	0.0	0.0	983.9	31.9	4.8
Mar-2027	1415	254	135	155	34.3	20.4	25.1	4.5	37.1	27.6	182.0	0.0	0.0	0.0	0.0	1,001.5	47.0	6.3
Apr-2027	1587	407	115	80	31.4	17.6	27.1	7.1	41.7	30.0	182.0	0.0	0.0	0.0	0.0	1,190.0	272.4	31.8
May-2027	1831	641	170	115	27.2	17.1	31.0	11.2	27.7	20.6	182.0	0.0	0.0	0.0	0.0	1,393.1	477.3	46.0
Jun-2027	1709	662	185	120	32.6	18.1	28.8	11.5	45.5	32.7	182.0	0.0	0.0	0.0	0.0	1,235.0	479.2	53.9
Jul-2027	1780	723	135	95	36.5	20.2	30.2	12.6	39.2	29.2	182.0	0.0	0.0	0.0	0.0	1,357.2	565.6	56.0
Aug-2027	1704	621	170	125	34.2	19.2	29.0	11.0	30.0	22.3	182.0	0.0	0.0	0.0	0.0	1,258.8	443.5	47.4
Sep-2027	1561	295	155	90	30.1	17.1	26.4	5.3	24.6	17.5	182.0	0.0	0.0	0.0	0.0	1,143.3	165.3	20.1
Total	17,527.5	4,580.5	1,580.0	1,270.0	389.4	229.2	302.5	80.5	355.5	259.8		0.0		23.8			2,783.2	

Notes:

This forecast uses inflow forecasts from the beginning of the month before the first shown. The separate Base Resource Regression Forecast (emailed towards the 1st of each month) uses recent inflow forecasts. Base Resource forecasts provided here are two scenarios representing the 50% and 90% inflow exceedances. These do not represent the Base Resource exceedances.

Base Resource forecast for the scenario representing the 90% inflow exceedance is greater than the 50% because there is less assumed pumping in the drier conditions.

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.