

Western Area Power Administration
Sierra Nevada Region

Starting Forecast Month: February 2026

Twelve-Month Forecast of CVP Generation and Base Resource

February 2026 - January 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 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)	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
Feb-2026	1617	295	65	35	34.4	19.8	26.9	5.1	16.8	11.4	182.0	0.0	0.0	0.0	0.0	1,291.8	223.8	25.8
Mar-2026	1430	285	125	125	34.3	20.4	25.3	5.1	26.3	19.5	182.0	0.0	0.0	0.0	0.0	1,037.4	115.1	14.9
Apr-2026	1455	356	45	30	31.4	17.6	24.6	6.2	32.8	23.6	182.0	0.0	0.0	0.0	0.0	1,138.9	278.8	34.0
May-2026	1693	519	135	95	27.2	17.1	28.5	9.1	22.5	16.8	182.0	0.0	0.0	0.0	0.0	1,298.3	381.1	39.5
Jun-2026	1638	570	115	70	32.6	18.1	27.7	9.9	39.2	28.2	182.0	0.0	0.0	0.0	0.0	1,241.3	443.7	49.6
Jul-2026	1699	621	105	60	36.5	20.2	28.9	10.8	39.7	29.6	182.0	0.0	0.0	0.0	0.0	1,306.8	500.2	51.5
Aug-2026	1527	509	175	105	34.2	19.2	26.6	9.1	36.3	27.0	182.0	0.0	0.0	0.0	0.0	1,072.5	348.8	43.7
Sep-2026	1455	346	140	95	30.1	17.1	25.4	6.2	26.6	19.2	182.0	0.0	0.0	0.0	0.0	1,051.3	208.7	27.6
Oct-2026	1308	305	105	100	28.6	17.6	22.8	5.5	16.6	12.3	182.0	0.0	0.0	0.0	0.0	952.9	170.1	24.0
Nov-2026	1419	173	50	20	33.1	19.6	23.8	3.1	20.6	14.9	182.0	0.0	0.0	0.0	0.0	1,109.2	115.5	14.4
Dec-2026	1099	153	60	50	32.5	20.9	19.5	2.7	15.4	11.4	182.0	0.0	0.0	0.0	0.0	790.1	67.7	11.5
Jan-2027	1318	509	150	150	34.4	21.6	23.3	9.3	14.2	10.5	182.0	0.0	0.0	0.0	0.0	914.5	317.9	46.7
Total	17,658.3	4,641.9	1,270.0	935.0	389.4	229.2	303.3	81.9	306.8	224.4		0.0		0.0		3,171.4		

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
Feb-2026	1521	519	135	135	34.4	19.8	26.4	9.4	16.8	11.4	182.0	0.0	0.0	0.0	0.0	1,126.8	343.8	45.4
Mar-2026	1481	560	135	150	34.3	20.4	26.3	10.1	26.3	19.5	182.0	0.0	0.0	0.0	0.0	1,077.4	360.1	45.0
Apr-2026	1470	356	55	40	31.4	17.6	24.7	5.9	32.8	23.6	182.0	0.0	0.0	0.0	0.0	1,143.9	268.8	32.6
May-2026	1734	621	150	105	27.2	17.1	29.1	10.8	22.5	16.8	182.0	0.0	0.0	0.0	0.0	1,323.3	471.1	47.9
Jun-2026	1683	580	195	135	32.6	18.1	28.4	10.0	39.2	28.2	182.0	0.0	0.0	0.0	0.0	1,206.3	388.7	44.8
Jul-2026	1801	672	235	160	36.5	20.2	30.7	11.7	39.7	29.6	182.0	0.0	0.0	0.0	0.0	1,276.8	450.2	47.4
Aug-2026	1775	529	215	140	34.2	19.2	30.2	9.3	36.3	27.0	182.0	0.0	0.0	0.0	0.0	1,277.5	333.8	35.1
Sep-2026	1628	387	180	130	30.1	17.1	28.4	6.9	26.6	19.2	182.0	0.0	0.0	0.0	0.0	1,181.3	213.7	25.1
Oct-2026	1471	336	160	155	28.6	17.6	25.5	5.9	16.6	12.3	182.0	0.0	0.0	0.0	0.0	1,057.9	145.1	18.4
Nov-2026	1471	244	145	155	33.1	19.6	25.5	4.5	20.6	14.9	182.0	0.0	0.0	0.0	0.0	1,064.2	50.5	6.6
Dec-2026	1242	214	105	130	32.5	20.9	21.9	3.9	15.4	11.4	182.0	0.0	0.0	0.0	0.0	885.1	47.7	7.2
Jan-2027	1318	519	150	155	34.4	21.6	23.3	9.3	14.2	10.5	182.0	0.0	0.0	0.0	0.0	914.5	322.9	47.5
Total	18,595.4	5,537.8	1,860.0	1,590.0	389.4	229.2	320.4	97.8	306.8	224.4		0.0		0.0		3,396.4		

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.

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.