

Western Area Power Administration
Sierra Nevada Region

Starting Forecast Month: January 2026

Twelve-Month Forecast of CVP Generation and Base Resource

January 2026 - December 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				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
Jan-2026	1201	153	155	145	34.4	21.6	21.2	2.8	14.2	10.5	182.0	0.0	0.0	13.8	0.0	794.5	0.0	0.0
Feb-2026	1532	143	140	115	34.4	19.8	26.6	2.6	16.8	11.4	182.0	0.0	0.0	0.0	0.0	1,131.8	0.0	0.0
Mar-2026	1379	153	55	45	34.3	20.4	24.5	2.8	26.3	19.5	182.0	0.0	0.0	0.0	0.0	1,057.4	65.1	8.3
Apr-2026	1434	336	40	25	31.4	17.6	24.2	5.8	32.8	23.6	182.0	0.0	0.0	0.0	0.0	1,123.9	263.8	32.6
May-2026	1653	478	125	85	27.2	17.1	27.7	8.3	22.5	16.8	182.0	0.0	0.0	0.0	0.0	1,268.3	351.1	37.2
Jun-2026	1587	519	50	30	32.6	18.1	26.6	8.9	39.2	28.2	182.0	0.0	0.0	0.0	0.0	1,256.3	433.7	47.9
Jul-2026	1638	550	115	65	36.5	20.2	27.8	9.6	39.7	29.6	182.0	0.0	0.0	0.0	0.0	1,236.8	425.2	46.2
Aug-2026	1562	468	160	90	34.2	19.2	26.5	8.4	36.3	27.0	182.0	0.0	0.0	0.0	0.0	1,122.5	323.8	38.8
Sep-2026	1394	336	140	95	30.1	17.1	24.3	5.9	26.6	19.2	182.0	0.0	0.0	0.0	0.0	991.3	198.7	27.8
Oct-2026	1252	285	80	65	28.6	17.6	21.7	5.0	16.6	12.3	182.0	0.0	0.0	0.0	0.0	922.9	185.1	27.0
Nov-2026	1348	163	30	20	33.1	19.6	22.6	2.9	20.6	14.9	182.0	0.0	0.0	0.0	0.0	1,059.2	105.5	13.8
Dec-2026	1206	183	55	30	32.5	20.9	21.3	3.3	15.4	11.4	182.0	0.0	0.0	0.0	0.0	900.1	117.7	17.6
Total	17,185.1	3,766.3	1,145.0	810.0	389.4	229.2						0.0		13.8		2,469.8		

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
Jan-2026	1242	193	160	155	34.4	21.6	21.9	3.5	14.2	10.5	182.0	0.0	0.0	0.0	0.0	829.5	2.9	0.5
Feb-2026	1623	377	140	130	34.4	19.8	28.2	6.8	16.8	11.4	182.0	0.0	0.0	0.0	0.0	1,221.8	208.8	25.4
Mar-2026	1456	397	140	155	34.3	20.4	25.7	7.2	26.3	19.5	182.0	0.0	0.0	0.0	0.0	1,047.4	195.1	25.1
Apr-2026	1470	346	55	40	31.4	17.6	24.7	5.8	32.8	23.6	182.0	0.0	0.0	0.0	0.0	1,143.9	258.8	31.4
May-2026	1724	631	150	105	27.2	17.1	29.0	10.8	22.5	16.8	182.0	0.0	0.0	0.0	0.0	1,313.3	481.1	49.2
Jun-2026	1673	560	195	130	32.6	18.1	28.2	9.8	39.2	28.2	182.0	0.0	0.0	0.0	0.0	1,196.3	373.7	43.4
Jul-2026	1786	641	260	160	36.5	20.2	30.5	11.3	39.7	29.6	182.0	0.0	0.0	0.0	0.0	1,236.8	420.2	45.7
Aug-2026	1750	529	240	150	34.2	19.2	29.9	9.4	36.3	27.0	182.0	0.0	0.0	0.0	0.0	1,227.5	323.8	35.5
Sep-2026	1633	387	210	125	30.1	17.1	28.4	6.9	26.6	19.2	182.0	0.0	0.0	0.0	0.0	1,156.3	218.7	26.3
Oct-2026	1471	336	175	145	28.6	17.6	25.5	6.1	16.6	12.3	182.0	0.0	0.0	0.0	0.0	1,042.9	155.1	20.0
Nov-2026	1466	255	145	145	33.1	19.6	25.5	4.5	20.6	14.9	182.0	0.0	0.0	0.0	0.0	1,059.2	70.5	9.2
Dec-2026	1216	173	105	120	32.5	20.9	21.4	3.1	15.4	11.4	182.0	0.0	0.0	0.0	0.0	860.1	17.7	2.8
Total	18,509.2	4,825.0	1,975.0	1,560.0	389.4	229.2						0.0		0.0		2,726.4		

Notes:

Reminder 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.