

Western Area Power Administration
Sierra Nevada Region

Starting Forecast Month:

May 2026

Twelve-Month Forecast of CVP Generation and Base Resource

May 2026 - April 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
May-2026	1551	631	105	75	27.2	17.1	26.3	10.9	22.5	16.8	182.0	0.0	0.0	0.0	0.0	1,188.3	511.1	57.8
Jun-2026	1704	631	65	40	32.6	18.1	28.6	10.9	39.2	28.2	182.0	0.0	0.0	0.0	0.0	1,356.3	533.7	54.7
Jul-2026	1617	682	115	65	36.5	20.2	27.3	11.7	39.7	29.6	182.0	0.0	0.0	0.0	0.0	1,216.8	555.2	61.3
Aug-2026	1501	560	195	120	34.2	19.2	26.1	10.0	36.3	27.0	182.0	0.0	0.0	0.0	0.0	1,027.5	383.8	50.2
Sep-2026	1435	387	145	100	30.1	17.1	24.9	6.9	26.6	19.2	182.0	0.0	0.0	0.0	0.0	1,026.3	243.7	33.0
Oct-2026	1237	305	125	110	28.6	17.6	21.9	5.4	16.6	12.3	182.0	0.0	0.0	0.0	0.0	862.9	160.1	24.9
Nov-2026	1282	183	50	20	33.1	19.6	21.8	3.3	20.6	14.9	182.0	0.0	0.0	0.0	0.0	974.2	125.5	17.9
Dec-2026	1217	143	60	40	32.5	20.9	21.5	2.6	15.4	11.4	182.0	0.0	0.0	0.0	0.0	905.1	67.7	10.0
Jan-2027	1476	122	150	150	34.4	21.6	25.7	2.2	14.2	10.5	182.0	0.0	0.0	49.4	0.0	1,069.5	0.0	0.0
Feb-2027	1643	204	30	20	34.4	19.8	27.6	3.7	16.8	11.4	182.0	0.0	0.0	0.0	0.0	1,351.8	148.8	16.4
Mar-2027	1511	193	40	25	34.3	20.4	25.7	3.4	26.3	19.5	182.0	0.0	0.0	0.0	0.0	1,202.4	125.1	14.0
Apr-2027	1561	428	100	60	31.4	17.6	26.3	7.6	32.8	23.6	182.0	0.0	0.0	0.0	0.0	1,188.9	318.8	37.2
Total	17,733.8	4,468.6	1,180.0	825.0	389.4	229.2	303.8	78.6	306.8	224.4		0.0		49.4		3,173.5		

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
May-2026	1536	560	155	110	27.2	17.1	26.1	9.6	22.5	16.8	182.0	0.0	0.0	0.0	0.0	1,123.3	406.1	48.6
Jun-2026	1704	611	195	125	32.6	18.1	28.8	10.8	39.2	28.2	182.0	0.0	0.0	0.0	0.0	1,228.3	428.7	48.6
Jul-2026	1612	692	230	150	36.5	20.2	27.3	12.1	39.7	29.6	182.0	0.0	0.0	0.0	0.0	1,096.8	480.2	58.9
Aug-2026	1602	529	215	135	34.2	19.2	27.2	9.4	36.3	27.0	182.0	0.0	0.0	0.0	0.0	1,107.5	338.8	41.1
Sep-2026	1450	356	150	95	30.1	17.1	25.2	6.4	26.6	19.2	182.0	0.0	0.0	0.0	0.0	1,036.3	218.7	29.3
Oct-2026	1257	295	155	135	28.6	17.6	22.2	5.3	16.6	12.3	182.0	0.0	0.0	0.0	0.0	852.9	125.1	19.7
Nov-2026	1186	183	80	60	33.1	19.6	21.0	3.3	20.6	14.9	182.0	0.0	0.0	0.0	0.0	849.2	85.5	14.0
Dec-2026	1262	143	145	155	32.5	20.9	22.4	2.6	15.4	11.4	182.0	0.0	0.0	33.3	0.0	865.1	0.0	0.0
Jan-2027	1562	122	155	160	34.4	21.6	27.3	2.2	14.2	10.5	182.0	0.0	0.0	59.3	0.0	1,149.5	0.0	0.0
Feb-2027	1623	143	135	135	34.4	19.8	28.3	2.6	16.8	11.4	182.0	0.0	0.0	12.2	0.0	1,226.8	0.0	0.0
Mar-2027	1512	275	135	145	34.3	20.4	26.8	4.9	26.3	19.5	182.0	0.0	0.0	0.0	0.0	1,107.4	85.1	10.3
Apr-2027	1556	438	105	65	31.4	17.6	26.3	7.6	32.8	23.6	182.0	0.0	0.0	0.0	0.0	1,178.9	323.8	38.1
Total	17,863.9	4,346.7	1,855.0	1,470.0	389.4	229.2	308.9	76.7	306.8	224.4		0.0		104.8		2,492.1		

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.