

Western Area Power Administration
Sierra Nevada Region

Starting Forecast Month:

April 2026

Twelve-Month Forecast of CVP Generation and Base Resource

April 2026 - March 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
Apr-2026	1485	407	95	55	31.4	17.6	25.0	7.1	32.8	23.6	182.0	0.0	0.0	0.0	0.0	1,118.9	303.8	37.7
May-2026	1526	560	125	85	27.2	17.1	25.8	9.7	22.5	16.8	182.0	0.0	0.0	0.0	0.0	1,143.3	431.1	50.7
Jun-2026	1511	631	65	40	32.6	18.1	25.7	10.7	39.2	28.2	182.0	0.0	0.0	0.0	0.0	1,166.3	533.7	63.6
Jul-2026	1419	651	130	70	36.5	20.2	24.2	11.4	39.7	29.6	182.0	0.0	0.0	0.0	0.0	1,006.8	520.2	69.5
Aug-2026	1409	529	170	100	34.2	19.2	24.2	9.5	36.3	27.0	182.0	0.0	0.0	0.0	0.0	962.5	373.8	52.2
Sep-2026	1420	387	145	100	30.1	17.1	24.7	7.0	26.6	19.2	182.0	0.0	0.0	0.0	0.0	1,011.3	243.7	33.5
Oct-2026	1389	305	80	60	28.6	17.6	24.1	5.4	16.6	12.3	182.0	0.0	0.0	0.0	0.0	1,057.9	210.1	26.7
Nov-2026	1414	193	30	20	33.1	19.6	23.7	3.4	20.6	14.9	182.0	0.0	0.0	0.0	0.0	1,124.2	135.5	16.7
Dec-2026	1359	143	60	40	32.5	20.9	23.6	2.6	15.4	11.4	182.0	0.0	0.0	0.0	0.0	1,045.1	67.7	8.7
Jan-2027	1460	122	125	140	34.4	21.6	25.4	2.2	14.2	10.5	182.0	0.0	0.0	39.4	0.0	1,079.5	0.0	0.0
Feb-2027	1481	183	130	130	34.4	19.8	25.8	3.3	16.8	11.4	182.0	0.0	0.0	0.0	0.0	1,091.8	18.8	2.6
Mar-2027	1222	204	135	125	34.3	20.4	21.6	3.7	26.3	19.5	182.0	0.0	0.0	0.0	0.0	822.4	35.1	5.7
Total	17,094.1	4,315.7	1,290.0	965.0	389.4	229.2	294.1	75.7	306.8	224.4		0.0		39.4			2,873.5	

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
Apr-2026	1500	448	105	70	31.4	17.6	25.2	7.7	32.8	23.6	182.0	0.0	0.0	0.0	0.0	1,123.9	328.8	40.6
May-2026	1526	478	155	110	27.2	17.1	25.9	8.1	22.5	16.8	182.0	0.0	0.0	0.0	0.0	1,113.3	326.1	39.4
Jun-2026	1536	641	195	125	32.6	18.1	26.3	11.2	39.2	28.2	182.0	0.0	0.0	0.0	0.0	1,061.3	458.7	60.0
Jul-2026	1455	692	230	150	36.5	20.2	25.0	12.2	39.7	29.6	182.0	0.0	0.0	0.0	0.0	941.8	480.2	68.5
Aug-2026	1445	529	215	135	34.2	19.2	24.9	9.4	36.3	27.0	182.0	0.0	0.0	0.0	0.0	952.5	338.8	47.8
Sep-2026	1491	367	155	100	30.1	17.1	25.8	6.5	26.6	19.2	182.0	0.0	0.0	0.0	0.0	1,071.3	223.7	29.0
Oct-2026	1465	316	125	90	28.6	17.6	25.4	5.6	16.6	12.3	182.0	0.0	0.0	0.0	0.0	1,087.9	190.1	23.5
Nov-2026	1389	204	55	40	33.1	19.6	24.1	3.6	20.6	14.9	182.0	0.0	0.0	0.0	0.0	1,074.2	125.5	16.2
Dec-2026	1465	163	55	35	32.5	20.9	25.4	2.9	15.4	11.4	182.0	0.0	0.0	0.0	0.0	1,155.1	92.7	10.8
Jan-2027	1593	204	125	135	34.4	21.6	27.7	3.7	14.2	10.5	182.0	0.0	0.0	0.0	0.0	1,209.5	32.9	3.7
Feb-2027	1654	183	110	85	34.4	19.8	28.8	3.3	16.8	11.4	182.0	0.0	0.0	0.0	0.0	1,281.8	63.8	7.4
Mar-2027	1232	244	155	155	34.3	20.4	21.7	4.4	26.3	19.5	182.0	0.0	0.0	0.0	0.0	812.4	45.1	7.5
Total	17,751.2	4,468.5	1,680.0	1,230.0	389.4	229.2	306.2	78.5	306.8	224.4		0.0		0.0			2,706.4	

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.