

Western Area Power Administration
Sierra Nevada Region

Starting Forecast Month:

June 2026

Twelve-Month Forecast of CVP Generation and Base Resource

June 2026 - May 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
Jun-2026	1663	661	85	55	32.6	18.1	28.2	11.3	39.2	28.2	182.0	0.0	0.0	0.0	0.0	1,296.3	548.7	58.8
Jul-2026	1740	702	115	70	36.5	20.2	29.7	12.2	39.7	29.6	182.0	0.0	0.0	0.0	0.0	1,336.8	570.2	57.3
Aug-2026	1602	591	195	120	34.2	19.2	27.2	10.6	36.3	27.0	182.0	0.0	0.0	0.0	0.0	1,127.5	413.8	49.3
Sep-2026	1536	417	85	40	30.1	17.1	26.0	7.4	26.6	19.2	182.0	0.0	0.0	0.0	0.0	1,186.3	333.7	39.1
Oct-2026	1125	305	95	65	28.6	17.6	19.8	5.5	16.6	12.3	182.0	0.0	0.0	0.0	0.0	782.9	205.1	35.2
Nov-2026	1211	204	30	20	33.1	19.6	20.6	3.6	20.6	14.9	182.0	0.0	0.0	0.0	0.0	924.2	145.5	21.8
Dec-2026	1155	143	35	25	32.5	20.9	20.4	2.6	15.4	11.4	182.0	0.0	0.0	0.0	0.0	870.1	82.7	12.8
Jan-2027	1476	122	125	140	34.4	21.6	25.7	2.2	14.2	10.5	182.0	0.0	0.0	39.4	0.0	1,094.5	0.0	0.0
Feb-2027	1607	153	30	20	34.4	19.8	27.2	2.6	16.8	11.4	182.0	0.0	0.0	0.0	0.0	1,316.8	98.8	11.2
Mar-2027	1475	183	30	20	34.3	20.4	25.4	3.1	26.3	19.5	182.0	0.0	0.0	0.0	0.0	1,177.4	120.1	13.7
Apr-2027	1297	346	40	25	31.4	17.6	22.1	5.9	32.8	23.6	182.0	0.0	0.0	0.0	0.0	988.9	273.8	38.5
May-2027	1511	560	160	105	27.2	17.1	25.7	9.8	22.5	16.8	182.0	0.0	0.0	0.0	0.0	1,093.3	411.1	50.5
Total	17,398.0	4,386.8	1,025.0	705.0	389.4	229.2	298.0	76.8	306.8	224.4		0.0		39.4		3,203.5		

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
Jun-2026	1668	621	185	120	32.6	18.1	28.3	10.9	39.2	28.2	182.0	0.0	0.0	0.0	0.0	1,201.3	443.7	51.3
Jul-2026	1745	682	195	125	36.5	20.2	29.8	12.0	39.7	29.6	182.0	0.0	0.0	0.0	0.0	1,261.8	495.2	52.8
Aug-2026	1607	580	160	105	34.2	19.2	27.3	10.2	36.3	27.0	182.0	0.0	0.0	0.0	0.0	1,167.5	418.8	48.2
Sep-2026	1541	377	105	60	30.1	17.1	26.2	6.7	26.6	19.2	182.0	0.0	0.0	0.0	0.0	1,171.3	273.7	32.5
Oct-2026	1140	305	120	95	28.6	17.6	20.1	5.4	16.6	12.3	182.0	0.0	0.0	0.0	0.0	772.9	175.1	30.4
Nov-2026	1221	193	50	25	33.1	19.6	20.9	3.5	20.6	14.9	182.0	0.0	0.0	0.0	0.0	914.2	130.5	19.8
Dec-2026	1196	153	60	60	32.5	20.9	21.2	2.7	15.4	11.4	182.0	0.0	0.0	0.0	0.0	885.1	57.7	8.8
Jan-2027	1562	122	125	145	34.4	21.6	27.2	2.2	14.2	10.5	182.0	0.0	0.0	44.3	0.0	1,179.5	0.0	0.0
Feb-2027	1623	153	135	130	34.4	19.8	28.3	2.7	16.8	11.4	182.0	0.0	0.0	0.0	0.0	1,226.8	0.0	0.0
Mar-2027	1507	275	135	145	34.3	20.4	26.8	5.0	26.3	19.5	182.0	0.0	0.0	0.0	0.0	1,102.4	85.1	10.4
Apr-2027	1429	407	105	65	31.4	17.6	24.3	7.0	32.8	23.6	182.0	0.0	0.0	0.0	0.0	1,053.9	293.8	38.7
May-2027	1506	570	170	115	27.2	17.1	25.7	9.8	22.5	16.8	182.0	0.0	0.0	0.0	0.0	1,078.3	411.1	51.2
Total	17,746.1	4,438.1	1,545.0	1,190.0	389.4	229.2	306.1	78.1	306.8	224.4		0.0		44.3		2,784.8		

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.