

Western Area Power Administration
Sierra Nevada Region

Starting Forecast Month:

July 2026

Twelve-Month Forecast of CVP Generation and Base Resource

July 2026 - June 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
Jul-2026	1663	722	90	55	36.5	20.2	28.3	12.4	39.7	29.6	182.0	0.0	0.0	0.0	0.0	1,286.8	605.2	63.2
Aug-2026	1527	611	200	135	34.2	19.2	26.5	11.0	36.3	27.0	182.0	0.0	0.0	0.0	0.0	1,047.5	418.8	53.7
Sep-2026	1541	417	85	45	30.1	17.1	26.1	7.4	26.6	19.2	182.0	0.0	0.0	0.0	0.0	1,191.3	328.7	38.3
Oct-2026	1130	316	100	75	28.6	17.6	19.9	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	20.7	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	1481	122	125	140	34.4	21.6	25.8	2.2	14.2	10.5	182.0	0.0	0.0	39.4	0.0	1,099.5	0.0	0.0
Feb-2027	1612	142	30	20	34.4	19.8	27.2	2.4	16.8	11.4	182.0	0.0	0.0	0.0	0.0	1,321.8	88.8	10.0
Mar-2027	1480	173	30	20	34.3	20.4	25.4	3.0	26.3	19.5	182.0	0.0	0.0	0.0	0.0	1,182.4	110.1	12.5
Apr-2027	1516	326	40	30	31.4	17.6	26.2	5.6	32.8	23.6	182.0	0.0	0.0	0.0	0.0	1,203.9	248.8	28.7
May-2027	1658	529	60	40	27.2	17.1	28.3	9.2	22.5	16.8	182.0	0.0	0.0	0.0	0.0	1,338.3	446.1	44.8
Jun-2027	1668	651	105	70	32.6	18.1	28.2	11.2	39.2	28.2	182.0	0.0	0.0	0.0	0.0	1,281.3	523.7	56.8
Total	17,642.9	4,356.0	930.0	675.0	389.4	229.2	302.9	76.0	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
Jul-2026	1684	662	235	155	36.5	20.2	28.7	11.5	39.7	29.6	182.0	0.0	0.0	0.0	0.0	1,161.8	445.2	51.5
Aug-2026	1663	509	215	140	34.2	19.2	28.5	9.0	36.3	27.0	182.0	0.0	0.0	0.0	0.0	1,167.5	313.8	36.1
Sep-2026	1547	387	180	110	30.1	17.1	26.9	6.8	26.6	19.2	182.0	0.0	0.0	0.0	0.0	1,101.3	233.7	29.5
Oct-2026	1216	316	150	115	28.6	17.6	21.4	5.7	16.6	12.3	182.0	0.0	0.0	0.0	0.0	817.9	165.1	27.1
Nov-2026	1302	255	50	25	33.1	19.6	22.3	4.5	20.6	14.9	182.0	0.0	0.0	0.0	0.0	994.2	190.5	26.6
Dec-2026	1267	204	105	115	32.5	20.9	22.4	3.6	15.4	11.4	182.0	0.0	0.0	0.0	0.0	910.1	52.7	7.8
Jan-2027	1628	193	135	145	34.4	21.6	28.4	3.4	14.2	10.5	182.0	0.0	0.0	0.0	0.0	1,234.5	12.9	1.4
Feb-2027	1684	295	140	130	34.4	19.8	29.4	5.3	16.8	11.4	182.0	0.0	0.0	0.0	0.0	1,281.8	128.8	14.9
Mar-2027	1522	316	135	150	34.3	20.4	27.0	5.6	26.3	19.5	182.0	0.0	0.0	0.0	0.0	1,117.4	120.1	14.5
Apr-2027	1674	427	55	40	31.4	17.6	28.7	7.2	32.8	23.6	182.0	0.0	0.0	0.0	0.0	1,343.9	338.8	35.0
May-2027	1867	621	95	70	27.2	17.1	31.7	10.6	22.5	16.8	182.0	0.0	0.0	0.0	0.0	1,508.3	506.1	45.1
Jun-2027	1658	570	170	120	32.6	18.1	28.1	9.7	39.2	28.2	182.0	0.0	0.0	0.0	0.0	1,206.3	393.7	45.3
Total	18,713.6	4,753.0	1,665.0	1,315.0	389.4	229.2	323.6	83.0	306.8	224.4		0.0		0.0		2,901.4		

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.

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.