

Western Area Power Administration
Sierra Nevada Region

Starting Forecast Month: March 2026

Twelve-Month Forecast of CVP Generation and Base Resource

March 2026 - February 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
Mar-2026	1267	163	80	60	34.3	20.4	22.4	2.9	26.3	19.5	182.0	0.0	0.0	0.0	0.0	922.4	60.1	8.8
Apr-2026	1344	234	105	75	31.4	17.6	23.8	4.1	32.8	23.6	182.0	0.0	0.0	0.0	0.0	968.9	113.8	16.3
May-2026	1511	550	120	80	27.2	17.1	25.6	9.5	22.5	16.8	182.0	0.0	0.0	0.0	0.0	1,133.3	426.1	50.5
Jun-2026	1653	610	55	35	32.6	18.1	27.7	10.4	39.2	28.2	182.0	0.0	0.0	0.0	0.0	1,316.3	518.7	54.7
Jul-2026	1566	601	125	75	36.5	20.2	26.4	10.5	39.7	29.6	182.0	0.0	0.0	0.0	0.0	1,156.8	465.2	54.1
Aug-2026	1522	540	190	120	34.2	19.2	26.5	9.6	36.3	27.0	182.0	0.0	0.0	0.0	0.0	1,052.5	363.8	46.5
Sep-2026	1389	407	170	130	30.1	17.1	24.2	7.2	26.6	19.2	182.0	0.0	0.0	0.0	0.0	956.3	233.7	33.9
Oct-2026	1343	305	55	50	28.6	17.6	23.4	5.4	16.6	12.3	182.0	0.0	0.0	0.0	0.0	1,037.9	220.1	28.5
Nov-2026	1444	183	50	20	33.1	19.6	24.2	3.3	20.6	14.9	182.0	0.0	0.0	0.0	0.0	1,134.2	125.5	15.4
Dec-2026	1323	143	60	50	32.5	20.9	23.0	2.6	15.4	11.4	182.0	0.0	0.0	0.0	0.0	1,010.1	57.7	7.7
Jan-2027	1389	122	150	150	34.4	21.6	24.2	2.2	14.2	10.5	182.0	0.0	0.0	49.4	0.0	984.5	0.0	0.0
Feb-2027	1298	346	110	90	34.4	19.8	22.9	6.2	16.8	11.4	182.0	0.0	0.0	0.0	0.0	931.8	218.8	34.9
Total	17,049.4	4,203.8	1,270.0	935.0	389.4	229.2	294.4	73.8	306.8	224.4		0.0		49.4		2,803.5		

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
Mar-2026	1318	407	135	150	34.3	20.4	23.3	7.3	26.3	19.5	182.0	0.0	0.0	0.0	0.0	917.4	210.1	30.8
Apr-2026	1536	356	110	70	31.4	17.6	26.0	6.1	32.8	23.6	182.0	0.0	0.0	0.0	0.0	1,153.9	238.8	28.7
May-2026	1546	580	155	110	27.2	17.1	26.2	10.0	22.5	16.8	182.0	0.0	0.0	0.0	0.0	1,133.3	426.1	50.5
Jun-2026	1688	621	195	125	32.6	18.1	28.5	10.7	39.2	28.2	182.0	0.0	0.0	0.0	0.0	1,211.3	438.7	50.3
Jul-2026	1643	692	230	150	36.5	20.2	27.8	12.1	39.7	29.6	182.0	0.0	0.0	0.0	0.0	1,126.8	480.2	57.3
Aug-2026	1709	519	215	135	34.2	19.2	29.0	9.2	36.3	27.0	182.0	0.0	0.0	0.0	0.0	1,212.5	328.8	36.5
Sep-2026	1486	387	180	130	30.1	17.1	25.8	7.0	26.6	19.2	182.0	0.0	0.0	0.0	0.0	1,041.3	213.7	28.5
Oct-2026	1450	316	100	75	28.6	17.6	25.2	5.7	16.6	12.3	182.0	0.0	0.0	0.0	0.0	1,097.9	205.1	25.1
Nov-2026	1450	234	55	40	33.1	19.6	25.2	4.3	20.6	14.9	182.0	0.0	0.0	0.0	0.0	1,134.2	155.5	19.0
Dec-2026	1455	194	120	125	32.5	20.9	25.3	3.5	15.4	11.4	182.0	0.0	0.0	0.0	0.0	1,080.1	32.7	4.1
Jan-2027	1547	244	150	155	34.4	21.6	27.0	4.3	14.2	10.5	182.0	0.0	0.0	0.0	0.0	1,139.5	52.9	6.2
Feb-2027	1308	417	110	90	34.4	19.8	23.1	7.5	16.8	11.4	182.0	0.0	0.0	0.0	0.0	941.8	288.8	45.6
Total	18,137.4	4,967.7	1,755.0	1,355.0	389.4	229.2	312.4	87.7	306.8	224.4		0.0		0.0		3,071.4		

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.