

Twelve-Month Forecast of CVP Generation and Base Resource
February 2024 Through January 2025
Values at Load Center (Tracy Substation)

Exceedance Level: 90% (Dry)

Month	CVP Generation		Project Use		First Preference		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)		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)	(This column for future use) (MW)	(This column for future use) (GWh)	Ancillary Services Purchase Reqmt. (MW)	Project Capacity Available for BR (MW)	Energy Available for Base Resource (GWh)
Column	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Feb-2024	1125	180	140	110	27.6	19.2	182.0	0.0	0.0	0.0			0.0	775.4	50.8	9.4
Mar-2024	1320	170	60	50	25.1	18.7	182.0	0.0	0.0	0.0			0.0	1,052.9	101.3	13.0
Apr-2024	1615	290	65	30	22.9	16.5	182.0	0.0	0.0	0.0			0.0	1,345.1	243.5	25.1
May-2024	1685	450	85	50	21.1	15.7	182.0	0.0	0.0	0.0			0.0	1,396.9	384.3	37.0
Jun-2024	1695	500	55	40	20.8	15.0	182.0	0.0	0.0	0.0			0.0	1,437.2	445.0	43.0
Jul-2024	1815	490	110	75	23.3	17.4	182.0	0.0	0.0	0.0			0.0	1,499.7	397.6	35.6
Aug-2024	1670	400	125	80	23.4	17.4	182.0	0.0	0.0	0.0			0.0	1,339.6	302.6	30.4
Sep-2024	1315	280	125	80	21.3	15.4	182.0	0.0	0.0	0.0			0.0	986.7	184.6	26.0
Oct-2024	1300	180	100	70	20.9	15.5	182.0	0.0	0.0	0.0			0.0	997.1	94.5	12.7
Nov-2024	1405	150	90	50	24.3	17.5	182.0	0.0	0.0	0.0			0.0	1,108.7	82.5	10.3
Dec-2024	1415	130	110	55	25.9	19.3	182.0	0.0	0.0	0.0			0.0	1,097.1	55.7	6.8
Jan-2025	1170	220	110	105	26.9	20.0	182.0	0.0	0.0	0.0			0.0	851.1	95.0	15.0
Total	17,530.0	3,440.0	1,175.0	795.0	283.6	207.5		0.0		0.0					2,437.5	

Exceedance Level 50% (Average)

Month	CVP Generation		Project Use		First Preference		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)		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)	(This column for future use) (MW)	(This column for future use) (GWh)	Ancillary Services Purchase Reqmt. (MW)	Project Capacity Available for BR (MW)	Energy Available for Base Resource (GWh)
Column	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Feb-2024	1140	270.0	115.0	75.0	27.6	19.2	182.0	0.0	0.0	0.0			0.0	815.4	175.8	31.0
Mar-2024	1335	260.0	65.0	45.0	25.1	18.7	182.0	0.0	0.0	0.0			0.0	1,062.9	196.3	24.9
Apr-2024	1615	370.0	75.0	40.0	22.9	16.5	182.0	0.0	0.0	0.0			0.0	1,335.1	313.5	32.6
May-2024	1680	500.0	105.0	60.0	21.1	15.7	182.0	0.0	0.0	0.0			0.0	1,371.9	424.3	41.6
Jun-2024	1680	510.0	130.0	85.0	20.8	15.0	182.0	0.0	0.0	0.0			0.0	1,347.2	410.0	42.3
Jul-2024	1860	590.0	230.0	150.0	23.3	17.4	182.0	0.0	0.0	0.0			0.0	1,424.7	422.6	39.9
Aug-2024	1755	470.0	215.0	135.0	23.4	17.4	182.0	0.0	0.0	0.0			0.0	1,334.6	317.6	32.0
Sep-2024	1415	360.0	165.0	110.0	21.3	15.4	182.0	0.0	0.0	0.0			0.0	1,046.7	234.6	31.1
Oct-2024	1395	260.0	150.0	130.0	20.9	15.5	182.0	0.0	0.0	0.0			0.0	1,042.1	114.5	14.8
Nov-2024	1395	190.0	145.0	140.0	24.3	17.5	182.0	0.0	0.0	0.0			0.0	1,043.7	32.5	4.3
Dec-2024	1390	220.0	100.0	115.0	25.9	19.3	182.0	0.0	0.0	0.0			0.0	1,082.1	85.7	10.7
Jan-2025	1170	190.0	125.0	130.0	26.9	20.0	182.0	0.0	0.0	0.0			0.0	836.1	40.0	6.4
Total	17,830.0	4,190.0	1,620.0	1,215.0	283.6	207.5		0.0		0.0					2,767.5	

Notes:

- For the AS (Column G), it was assumed that Western's total operating reserve obligation to be equal to the sum of spinning reserve of 134 MW and regulation of 48 MW on average monthly long term basis.
- American River is also nearing flood control limit and may increase releases later in the week. Stanislaus river now at elevated release due to encroachment into flood control range and seasonal filling of Tulloch. Delta "First Flush" conditions holding pumping down through the end of the coming week. Large increase in Base Resource is expected on 1/31 from Sacramento River flood control releases. Base Resource likely to remain elevated until weather conditions dry out.