

Twelve-Month Forecast of CVP Generation and Base Resource
January 2024 Through December 2024
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
Jan-2024	1130	190.0	130	135.0	29.1	21.7	182.0	0.0	0.0	0.0			0.0	788.9	33.3	5.7
Feb-2024	1080	170.0	115	95.0	29.3	20.4	182.0	0.0	0.0	0.0			0.0	753.7	54.6	10.4
Mar-2024	1275	170.0	55	40.0	25.9	19.2	182.0	0.0	0.0	0.0			0.0	1,012.1	110.8	14.7
Apr-2024	1395	310.0	65	35.0	24.1	17.4	182.0	0.0	0.0	0.0			0.0	1,123.9	257.6	31.8
May-2024	1630	430.0	90	50.0	22.4	16.7	182.0	0.0	0.0	0.0			0.0	1,335.6	363.3	36.6
Jun-2024	1605	420.0	85	50.0	23.8	17.1	182.0	0.0	0.0	0.0			0.0	1,314.2	352.9	37.3
Jul-2024	1725	470.0	100	60.0	25.6	19.0	182.0	0.0	0.0	0.0			0.0	1,417.4	391.0	37.1
Aug-2024	1570	370.0	105	75.0	24.8	18.5	182.0	0.0	0.0	0.0			0.0	1,258.2	276.5	29.5
Sep-2024	1200	270.0	145	100.0	23.3	16.8	182.0	0.0	0.0	0.0			0.0	849.7	153.2	25.0
Oct-2024	1180	170.0	100	85.0	22.6	16.8	182.0	0.0	0.0	0.0			0.0	875.4	68.2	10.5
Nov-2024	1285	130.0	90	60.0	26.7	19.2	182.0	0.0	0.0	0.0			0.0	986.3	50.8	7.1
Dec-2024	740	150	130	85	28.8	21.4	182.0	0.0	0.0	0.0			0.0	399.2	43.6	14.7
Total	15,815.0	3,250.0	1,210.0	870.0	306.4	224.2		0.0		0.0					2,155.8	

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
Jan-2024	1170	230.0	135.0	155.0	29.1	21.7	182.0	0.0	0.0	0.0			0.0	823.9	53.3	8.7
Feb-2024	1140	280.0	115.0	80.0	29.3	20.4	182.0	0.0	0.0	0.0			0.0	813.7	179.6	31.7
Mar-2024	1330	280.0	70.0	45.0	25.9	19.2	182.0	0.0	0.0	0.0			0.0	1,052.1	215.8	27.6
Apr-2024	1455	350.0	75.0	40.0	24.1	17.4	182.0	0.0	0.0	0.0			0.0	1,173.9	292.6	34.6
May-2024	1710	520.0	105.0	60.0	22.4	16.7	182.0	0.0	0.0	0.0			0.0	1,400.6	443.3	42.5
Jun-2024	1725	520.0	190.0	125.0	23.8	17.1	182.0	0.0	0.0	0.0			0.0	1,329.2	377.9	39.5
Jul-2024	1905	580.0	210.0	145.0	25.6	19.0	182.0	0.0	0.0	0.0			0.0	1,487.4	416.0	37.6
Aug-2024	1800	470.0	190.0	130.0	24.8	18.5	182.0	0.0	0.0	0.0			0.0	1,403.2	321.5	30.8
Sep-2024	1415	360.0	150.0	105.0	23.3	16.8	182.0	0.0	0.0	0.0			0.0	1,059.7	238.2	31.2
Oct-2024	1390	290.0	155.0	120.0	22.6	16.8	182.0	0.0	0.0	0.0			0.0	1,030.4	153.2	20.0
Nov-2024	1380	210.0	155.0	145.0	26.7	19.2	182.0	0.0	0.0	0.0			0.0	1,016.3	45.8	6.3
Dec-2024	955	230.0	265.0	200.0	28.8	21.4	182.0	0.0	0.0	0.0			0.0	479.2	8.6	2.4
Total	17,375.0	4,320.0	1,815.0	1,350.0	306.4	224.2		0.0		0.0					2,745.8	

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.
- All rivers are at seasonal base-flows and likely to remain there until inflows impact flood control parameters.
Delta pumping is at 4-units and likely to remain steady pending changes in OMR conditions. Base Resource likely to remain at current low levels.