

**Twelve-Month Forecast of CVP Generation and Base Resource**  
September 2023 Through August 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 Capability (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		Ancillary Services Purchase Reqmt. (MW)	Project Capacity Available for BR (MW)	Energy Available for Base Resource (GWh)	Capacity Factor (%)
											Purchase Reqmts. (GWh)	(This column for future use) (MW)				
Column	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Sep-2023	1340	330	150	100	23.6	17.0	182.0	0.0	0.0	0.0			0.0	984.4	213.0	30.1
Oct-2023	1315	270	175	120	22.9	17.0	182.0	0.0	0.0	0.0			0.0	935.1	133.0	19.1
Nov-2023	1205	190	155	125	27.0	19.4	182.0	0.0	0.0	0.0			0.0	841.0	45.6	7.5
Dec-2023	1195	190	155	145	29.1	21.7	182.0	0.0	0.0	0.0			0.0	828.9	23.3	3.8
Jan-2024	1235	190	65	55	29.6	22.1	182.0	0.0	0.0	0.0			0.0	958.4	112.9	15.8
Feb-2024	1590	170	90	55	29.8	20.8	182.0	0.0	0.0	0.0			0.0	1,268.2	94.2	10.5
Mar-2024	1500	160	55	45	26.3	19.6	182.0	0.0	0.0	0.0			0.0	1,236.7	95.4	10.4
Apr-2024	1705	340	50	30	24.6	17.7	182.0	0.0	0.0	0.0			0.0	1,448.4	292.3	28.0
May-2024	1875	460	90	50	22.8	17.0	182.0	0.0	0.0	0.0			0.0	1,580.2	393.0	33.4
Jun-2024	1850	490	60	40	24.2	17.4	182.0	0.0	0.0	0.0			0.0	1,583.8	432.6	37.9
Jul-2024	1600	490	100	55	26.0	19.4	182.0	0.0	0.0	0.0			0.0	1,292.0	415.6	43.2
Aug-2024	1460	490	90	60	25.3	18.8	182.0	0.0	0.0	0.0			0.0	1,162.7	411.2	47.5
Total	17,870.0	3,770.0	1,235.0	880.0	311.4	227.9		0.0		0.0					2,662.1	

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		Ancillary Services Purchase Reqmt. (MW)	Project Capacity Available for BR (MW)	Energy Available for Base Resource (GWh)	Capacity Factor (%)
											Purchase Reqmts. (GWh)	(This column for future use) (MW)				
Column	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Sep-2023	1340	350.0	150.0	100.0	23.6	17.0	182.0	0.0	0.0	0.0			0.0	984.4	233.0	32.9
Oct-2023	1470	260.0	125.0	65.0	22.9	17.0	182.0	0.0	0.0	0.0			0.0	1,140.1	178.0	21.0
Nov-2023	1215	200.0	200.0	170.0	27.0	19.4	182.0	0.0	0.0	0.0			0.0	806.0	10.6	1.8
Dec-2023	1220	240.0	205.0	180.0	29.1	21.7	182.0	0.0	0.0	0.0			0.0	803.9	38.3	6.4
Jan-2024	1270	230.0	65.0	45.0	29.6	22.1	182.0	0.0	0.0	0.0			0.0	993.4	162.9	22.0
Feb-2024	1465	330.0	90.0	60.0	29.8	20.8	182.0	0.0	0.0	0.0			0.0	1,163.2	249.2	30.8
Mar-2024	1555	360.0	70.0	45.0	26.3	19.6	182.0	0.0	0.0	0.0			0.0	1,276.7	295.4	31.1
Apr-2024	1720	370.0	75.0	40.0	24.6	17.7	182.0	0.0	0.0	0.0			0.0	1,438.4	312.3	30.2
May-2024	1890	510.0	105.0	65.0	22.8	17.0	182.0	0.0	0.0	0.0			0.0	1,580.2	428.0	36.4
Jun-2024	1885	450.0	190.0	125.0	24.2	17.4	182.0	0.0	0.0	0.0			0.0	1,488.8	307.6	28.7
Jul-2024	1720	590.0	185.0	135.0	26.0	19.4	182.0	0.0	0.0	0.0			0.0	1,327.0	435.6	44.1
Aug-2024	1625	560.0	180.0	125.0	25.3	18.8	182.0	0.0	0.0	0.0			0.0	1,237.7	416.2	45.2
Total	18,375.0	4,450.0	1,640.0	1,155.0	311.4	227.9		0.0		0.0					3,067.1	

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.
- Trinity diversions of approximately 1,000 AF/day through Spring Creek for temperature mitigation at Lewiston and Whiskeytown. Boat Dance releases into the Trinity River have ended. Gradual reductions continuing on the Sacramento River as it American and Stanislaus Rivers are expected to decrease somewhat going into September. Base Resource is likely to slowly decrease with generation reductions being partially offset by reduced pumping at Dos Amigos. Delta pumping expected to remain near maximum with slow refill of San Luis occurring as downstream demands fall.
- Please use 90% study for all your analysis.