

Twelve-Month Forecast of CVP Generation and Base Resource
June 2023 Through May 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
Jun-2023	1600	520	230	155	24.7	17.8	182.0	0.0	0.0	0.0			0.0	1,163.3	347.2	41.5
Jul-2023	1730	500	245	170	26.5	19.7	182.0	0.0	0.0	0.0			0.0	1,276.5	310.3	32.7
Aug-2023	1710	440	210	145	25.7	19.1	182.0	0.0	0.0	0.0			0.0	1,292.3	275.9	28.7
Sep-2023	1420	260	150	95	24.1	17.3	182.0	0.0	0.0	0.0			0.0	1,063.9	147.7	19.3
Oct-2023	1305	250	185	130	23.3	17.3	182.0	0.0	0.0	0.0			0.0	914.7	102.7	15.1
Nov-2023	1190	180	155	105	27.5	19.8	182.0	0.0	0.0	0.0			0.0	825.5	55.2	9.3
Dec-2023	1240	180	170	135	29.7	22.1	182.0	0.0	0.0	0.0			0.0	858.3	22.9	3.6
Jan-2024	1225	180	130	125	30.2	22.5	182.0	0.0	0.0	0.0			0.0	882.8	32.5	5.0
Feb-2024	1505	180	70	45	30.4	21.1	182.0	0.0	0.0	0.0			0.0	1,222.6	113.9	13.4
Mar-2024	1600	180	70	45	26.8	20.0	182.0	0.0	0.0	0.0			0.0	1,321.2	115.0	11.7
Apr-2024	1595	320	70	40	25.0	18.0	182.0	0.0	0.0	0.0			0.0	1,318.0	262.0	27.6
May-2024	1475	450	140	90	23.1	17.2	182.0	0.0	0.0	0.0			0.0	1,129.9	342.8	40.8
Total	17,595.0	3,640.0	1,825.0	1,280.0	316.9	231.9		0.0		0.0					2,128.1	

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 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
Jun-2023	1625	560.0	235.0	160.0	24.7	17.8	182.0	0.0	0.0	0.0			0.0	1,183.3	382.2	44.9
Jul-2023	1760	490.0	220.0	155.0	26.5	19.7	182.0	0.0	0.0	0.0			0.0	1,331.5	315.3	31.8
Aug-2023	1745	480.0	210.0	145.0	25.7	19.1	182.0	0.0	0.0	0.0			0.0	1,327.3	315.9	32.0
Sep-2023	1460	340.0	150.0	90.0	24.1	17.3	182.0	0.0	0.0	0.0			0.0	1,103.9	232.7	29.3
Oct-2023	1315	230.0	200.0	145.0	23.3	17.3	182.0	0.0	0.0	0.0			0.0	909.7	67.7	10.0
Nov-2023	1205	190.0	200.0	160.0	27.5	19.8	182.0	0.0	0.0	0.0			0.0	795.5	10.2	1.8
Dec-2023	1260	200.0	180.0	155.0	29.7	22.1	182.0	0.0	0.0	0.0			0.0	868.3	22.9	3.5
Jan-2024	1270	280.0	170.0	160.0	30.2	22.5	182.0	0.0	0.0	0.0			0.0	887.8	97.5	14.8
Feb-2024	1460	360.0	160.0	140.0	30.4	21.1	182.0	0.0	0.0	0.0			0.0	1,087.6	198.9	26.3
Mar-2024	1550	370.0	140.0	135.0	26.8	20.0	182.0	0.0	0.0	0.0			0.0	1,201.2	215.0	24.1
Apr-2024	1720	420.0	85.0	50.0	25.0	18.0	182.0	0.0	0.0	0.0			0.0	1,428.0	352.0	34.2
May-2024	1620	490.0	125.0	80.0	23.1	17.2	182.0	0.0	0.0	0.0			0.0	1,289.9	392.8	40.9
Total	17,990.0	4,410.0	2,075.0	1,575.0	316.9	231.9		0.0		0.0					2,603.1	

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.
- Sacramento River releases decreasing as inflow drops. Current Base Resource is likely to decline a modest amount. Trinity River ROD on long taper down. American River flood release flows continuing. Stanislaus River at base flow and New M Delta pumping will vary this week for Tracy Fish Facility work and then be maximized for several days to refill San Luis.
- Please use 90% study for all your analysis.