

Twelve-Month Forecast of CVP Generation and Base Resource
September 2009 Through August 2010

Values at Load Center (Tracy Substation)

Exceedence Level: **90% (Dry)**

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)	PU & FP Energy Purchase Reqmts. (GWh)	CVP Corp Bank Energy for PU and FP (GWh)	Bank Return Energy to CVP Corp (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
Sep-2009	1,210	260.0	140.0	100.0	25.6	13.1	188.0	0.0	0.0	0.0	0.0	0.0	0.0	856.4	146.9	23.8
Oct-2009	1,005	190.0	140.0	110.0	20.7	12.3	188.0	15.6	0.0	0.0	0.0	0.0	0.0	656.3	83.3	17.1
Nov-2009	1,005	130.0	100.0	80.0	23.0	13.0	188.0	16.8	0.0	0.0	0.0	0.0	0.0	694.0	53.8	10.8
Dec-2009	1,110	130.0	100.0	90.0	27.7	15.7	188.0	16.4	0.0	0.0	0.0	0.0	0.0	794.3	40.7	6.9
Jan-2010	1,290	140.0	80.0	85.0	27.5	16.7	188.0	6.0	0.0	0.0	0.0	0.0	0.0	994.5	44.3	6.0
Feb-2010	1,320	130.0	75.0	45.0	26.9	14.6	188.0	5.7	0.0	0.0	0.0	0.0	0.0	1,030.1	76.1	11.0
Mar-2010	1,215	150.0	100.0	95.0	24.3	13.3	188.0	6.0	0.0	0.0	0.0	0.0	0.0	902.7	47.8	7.1
Apr-2010	1,380	330.0	45.0	25.0	22.6	12.4	188.0	0.0	0.0	0.0	0.0	0.0	0.0	1,124.4	292.6	36.1
May-2010	1,500	400.0	60.0	45.0	24.1	12.6	188.0	0.0	0.0	0.0	0.0	0.0	0.0	1,227.9	342.4	37.5
Jun-2010	1,505	490.0	75.0	40.0	22.1	12.1	188.0	0.0	0.0	0.0	0.0	0.0	0.0	1,219.9	437.9	49.9
Jul-2010	1,440	540.0	160.0	105.0	25.6	13.3	188.0	0.0	0.0	0.0	0.0	0.0	0.0	1,066.4	421.7	53.2
Aug-2010	1,340	430.0	175.0	125.0	26.4	13.7	188.0	0.0	0.0	0.0	0.0	0.0	0.0	950.6	291.3	41.2
Total		3,320.0		945.0		162.8		66.5		0.0	0.0	0.0			2,278.7	

Exceedence 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)	PU & FP Energy Purchase Reqmts. (GWh)	CVP Corp Bank Energy for PU and FP (GWh)	Bank Return Energy to CVP Corp (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
Sep-2009	1,210.0	260.0	140.0	105.0	25.6	13.1	188.0	0.0	0.0	0.0	0.0	0.0	0.0	856.4	141.9	23.0
Oct-2009	1,010.0	200.0	140.0	110.0	20.7	12.3	188.0	15.6	0.0	0.0	0.0	0.0	0.0	661.3	93.3	19.0
Nov-2009	1,015.0	140.0	140.0	130.0	23.0	13.0	188.0	16.8	0.0	0.0	0.0	0.0	0.0	664.0	13.8	2.9
Dec-2009	1,140.0	120.0	160.0	150.0	27.7	15.7	188.0	16.4	0.0	0.0	-32.3	0.0	0.0	764.3	0.0	0.0
Jan-2010	1,360.0	130.0	80.0	95.0	27.5	16.7	188.0	6.0	0.0	0.0	0.0	0.0	0.0	1,064.5	24.3	3.1
Feb-2010	1,425.0	170.0	75.0	50.0	26.9	14.6	188.0	5.7	0.0	0.0	0.0	0.0	0.0	1,135.1	111.1	14.6
Mar-2010	1,340.0	180.0	105.0	115.0	24.3	13.3	188.0	6.0	0.0	0.0	0.0	0.0	0.0	1,022.7	57.8	7.6
Apr-2010	1,555.0	370.0	70.0	40.0	22.6	12.4	188.0	0.0	0.0	0.0	0.0	8.8	0.0	1,253.3	308.8	34.2
May-2010	1,730.0	530.0	90.0	60.0	24.1	12.6	188.0	0.0	0.0	0.0	0.0	8.6	0.0	1,406.3	448.8	42.9
Jun-2010	1,800.0	560.0	165.0	105.0	22.1	12.1	188.0	0.0	0.0	0.0	0.0	8.4	0.0	1,404.7	434.5	43.0
Jul-2010	1,725.0	600.0	165.0	125.0	25.6	13.3	188.0	0.0	0.0	0.0	0.0	6.2	0.0	1,331.6	455.6	46.0
Aug-2010	1,510.0	460.0	175.0	130.0	26.4	13.7	188.0	0.0	0.0	0.0	0.0	0.0	0.0	1,120.6	316.3	37.9
Total		3,720.0		1,215.0		162.8		66.5		0.0	-32.3	32.0			2,406.1	

Exceedence Level: **10% (Wet) - (Not Available)**

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)	PU & FP Energy Purchase Reqmts. (GWh)	CVP Corp Bank Energy for PU and FP (GWh)	Return Energy to CVP Corp (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
Sep-2009													0.0	0.0	0.0	0.0
Oct-2009													0.0	0.0	0.0	0.0
Nov-2009													0.0	0.0	0.0	0.0
Dec-2009													0.0	0.0	0.0	0.0
Jan-2010													0.0	0.0	0.0	0.0
Feb-2010													0.0	0.0	0.0	0.0
Mar-2010													0.0	0.0	0.0	0.0
Apr-2010													0.0	0.0	0.0	0.0
May-2010													0.0	0.0	0.0	0.0
Jun-2010													0.0	0.0	0.0	0.0
Jul-2010													0.0	0.0	0.0	0.0
Aug-2010													0.0	0.0	0.0	0.0
Total		0.0		0.0		0.0		0.0		0.0	0.0	0.0			0.0	

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 137 MW and regulation of 60 MW.
- CVP generation and Project Use data for 50% and 90% Exceedence Levels are based on USBR August 2009 50% and July 2009 50% Exceedence monthly water forecasts, respectively.