

**Twelve-Month Forecast of CVP Generation and Base Resource**  
November 2009 Through October 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
Nov-2009	795	140.0	105.0	95.0	23.0	13.0	197.0	16.8	0.0	0.0	0.0	0.0	0.0	470.0	48.8	14.4
Dec-2009	890	120.0	145.0	120.0	27.7	15.7	197.0	16.4	0.0	0.0	-2.3	0.0	0.0	520.3	0.7	0.2
Jan-2010	900	120.0	75.0	70.0	27.5	16.7	197.0	6.2	0.0	0.0	0.0	0.0	0.0	600.5	39.5	8.8
Feb-2010	995	110.0	45.0	30.0	26.9	14.6	197.0	5.8	0.0	0.0	0.0	0.0	0.0	726.1	71.2	14.6
Mar-2010	1,105	160.0	50.0	25.0	24.3	13.3	197.0	6.2	0.0	0.0	0.0	0.0	0.0	833.7	127.9	20.6
Apr-2010	1,050	310.0	45.0	25.0	22.6	12.4	197.0	0.0	0.0	0.0	0.0	0.6	0.0	783.9	272.0	48.2
May-2010	1,225	370.0	65.0	35.0	24.1	12.6	197.0	0.0	0.0	0.0	0.0	0.6	0.0	937.3	321.8	46.1
Jun-2010	1,195	500.0	55.0	25.0	22.1	12.1	197.0	0.0	0.0	0.0	0.0	0.6	0.0	919.4	462.3	69.8
Jul-2010	1,365	470.0	60.0	40.0	25.6	13.3	197.0	0.0	0.0	0.0	0.0	0.4	0.0	1,081.3	416.3	51.7
Aug-2010	1,065	340.0	60.0	35.0	26.4	13.7	197.0	0.0	0.0	0.0	0.0	0.0	0.0	781.6	291.3	50.1
Sep-2010	995	230.0	125.0	105.0	25.9	13.3	197.0	0.0	0.0	0.0	0.0	0.0	0.0	647.1	111.7	24.0
Oct-2010	870	200.0	120.0	105.0	21.0	12.4	197.0	12.4	0.0	0.0	0.0	0.0	0.0	532.0	95.0	24.0
Total		3,070.0		710.0		163.1		63.8		0.0	-2.3	2.3		2,258.4		

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
Nov-2009	790.0	140.0	145.0	135.0	23.0	13.0	197.0	16.8	0.0	0.0	0.0	0.0	0.0	425.0	8.8	2.9
Dec-2009	890.0	120.0	150.0	125.0	27.7	15.7	197.0	16.4	0.0	0.0	-7.3	0.0	0.0	515.3	0.0	0.0
Jan-2010	925.0	120.0	80.0	75.0	27.5	16.7	197.0	6.2	0.0	0.0	0.0	0.0	0.0	620.5	34.5	7.5
Feb-2010	1,070.0	120.0	110.0	80.0	26.9	14.6	197.0	5.8	0.0	0.0	0.0	0.0	0.0	736.1	31.2	6.3
Mar-2010	1,085.0	170.0	85.0	70.0	24.3	13.3	197.0	6.2	0.0	0.0	0.0	0.0	0.0	778.7	92.9	16.0
Apr-2010	1,190.0	360.0	50.0	30.0	22.6	12.4	197.0	0.0	0.0	0.0	0.0	2.0	0.0	915.6	315.6	47.9
May-2010	1,425.0	550.0	75.0	50.0	24.1	12.6	197.0	0.0	0.0	0.0	0.0	2.0	0.0	1,124.0	485.5	58.1
Jun-2010	1,420.0	580.0	115.0	75.0	22.1	12.1	197.0	0.0	0.0	0.0	0.0	1.9	0.0	1,081.3	491.0	63.1
Jul-2010	1,665.0	600.0	205.0	140.0	25.6	13.3	197.0	0.0	0.0	0.0	0.0	1.4	0.0	1,234.0	445.3	48.5
Aug-2010	1,380.0	440.0	185.0	125.0	26.4	13.7	197.0	0.0	0.0	0.0	0.0	0.0	0.0	971.6	301.3	41.7
Sep-2010	1,285.0	330.0	145.0	110.0	25.9	13.3	197.0	0.0	0.0	0.0	0.0	0.0	0.0	917.1	206.7	31.3
Oct-2010	870.0	210.0	135.0	110.0	21.0	12.4	197.0	12.4	0.0	0.0	0.0	0.0	0.0	517.0	100.0	26.0
Total		3,740.0		1,125.0		163.1		63.8		0.0	-7.3	7.3		2,512.8		

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
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
Sep-2010													0.0	0.0	0.0	0.0
Oct-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 October 2009 50% and October 2009 90% Exceedence monthly water forecasts, respectively.