

Twelve-Month Forecast of CVP Generation and Base Resource
October 2009 Through September 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		
	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)	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
Oct-2009	965	190.0	145.0	110.0	20.7	12.3	197.0	15.6	0.0	0.0	0.0	0.0	0.0	602.3	83.3	18.6
Nov-2009	840	130.0	100.0	90.0	23.0	13.0	197.0	16.8	0.0	0.0	0.0	0.0	0.0	520.0	43.8	11.7
Dec-2009	1,015	140.0	115.0	120.0	27.7	15.7	197.0	16.4	0.0	0.0	0.0	0.0	0.0	675.3	20.7	4.1
Jan-2010	905	140.0	80.0	90.0	27.5	16.7	197.0	6.0	0.0	0.0	0.0	0.0	0.0	600.5	39.3	8.8
Feb-2010	1,005	130.0	75.0	55.0	26.9	14.6	197.0	5.7	0.0	0.0	0.0	0.0	0.0	706.1	66.1	13.9
Mar-2010	990	150.0	105.0	100.0	24.3	13.3	197.0	6.0	0.0	0.0	0.0	0.0	0.0	663.7	42.8	8.7
Apr-2010	1,085	330.0	35.0	25.0	22.6	12.4	197.0	0.0	0.0	0.0	0.0	0.0	0.0	830.4	292.6	48.9
May-2010	1,265	400.0	55.0	35.0	24.1	12.6	197.0	0.0	0.0	0.0	0.0	0.0	0.0	988.9	352.4	47.9
Jun-2010	1,230	490.0	65.0	35.0	22.1	12.1	197.0	0.0	0.0	0.0	0.0	0.0	0.0	945.9	442.9	65.0
Jul-2010	1,415	510.0	80.0	55.0	25.6	13.3	197.0	0.0	0.0	0.0	0.0	0.0	0.0	1,112.4	441.7	53.4
Aug-2010	1,110	370.0	110.0	65.0	26.4	13.7	197.0	0.0	0.0	0.0	0.0	0.0	0.0	776.6	291.3	50.4
Sep-2010	1,000	250.0	130.0	90.0	25.9	13.3	197.0	0.0	0.0	0.0	0.0	0.0	0.0	647.1	146.7	31.5
Total		3,230.0		870.0		163.0		66.5		0.0	0.0	0.0			2,263.6	

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
Oct-2009	965.0	190.0	140.0	110.0	20.7	12.3	197.0	15.6	0.0	0.0	0.0	0.0	0.0	607.3	83.3	18.4
Nov-2009	850.0	130.0	155.0	130.0	23.0	13.0	197.0	16.8	0.0	0.0	0.0	0.0	0.0	475.0	3.8	1.1
Dec-2009	1,045.0	120.0	160.0	155.0	27.7	15.7	197.0	16.4	0.0	0.0	-37.3	0.0	0.0	660.3	0.0	0.0
Jan-2010	985.0	130.0	80.0	95.0	27.5	16.7	197.0	6.0	0.0	0.0	0.0	0.0	0.0	680.5	24.3	4.8
Feb-2010	1,120.0	170.0	75.0	50.0	26.9	14.6	197.0	5.7	0.0	0.0	0.0	0.0	0.0	821.1	111.1	20.1
Mar-2010	1,115.0	180.0	105.0	120.0	24.3	13.3	197.0	6.0	0.0	0.0	0.0	0.0	0.0	788.7	52.8	9.0
Apr-2010	1,245.0	370.0	70.0	40.0	22.6	12.4	197.0	0.0	0.0	0.0	0.0	10.1	0.0	931.0	307.5	45.9
May-2010	1,480.0	530.0	90.0	60.0	24.1	12.6	197.0	0.0	0.0	0.0	0.0	10.0	0.0	1,144.0	447.5	52.6
Jun-2010	1,485.0	560.0	165.0	105.0	22.1	12.1	197.0	0.0	0.0	0.0	0.0	9.7	0.0	1,077.6	433.2	55.8
Jul-2010	1,750.0	620.0	155.0	110.0	25.6	13.3	197.0	0.0	0.0	0.0	0.0	7.1	0.0	1,355.3	489.6	48.6
Aug-2010	1,340.0	440.0	170.0	115.0	26.4	13.7	197.0	0.0	0.0	0.0	0.0	0.0	0.0	946.6	311.3	44.2
Sep-2010	1,310.0	340.0	135.0	90.0	25.9	13.3	197.0	0.0	0.0	0.0	0.0	0.0	0.0	952.1	236.7	34.5
Total		3,780.0		1,180.0		163.0		66.5		0.0	-37.3	36.9			2,501.0	

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
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
Sep-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 133 MW and regulation of 60 MW.
- CVP generation and Project Use data for 50% and 90% Exceedence Levels are based on USBR September 2009 50% and September 2009 50% Exceedence monthly water forecasts, respectively.