

PSCo Loads & Resources Balance for 2014 Summer			
	Base Case	CL RTP	Notes
Existing PSCo Capacity	2014 HS1	2014 HS1	
Installed Net Dependable Capacity	3991.40	3836.00	
<b>Firm Purchased Capacity</b>			
Basin Electric Co-Op No. 1	100.0	100.0	January 8th, 2004 proposed assumptions for the CL RTP model.
Basin Electric Co-Op No. 2	25.0	75.0	
Tri-State G&T No. 2	100.0	100.0	
Tri-State G&T No. 3	50.0	25.0	
Tri-State G&T No. 5	100.0	0.0	
Platte River Power Authority	0.0	0.0	
Pacificorp (w/reserves)	176.0	0.0	
Wheeling Losses	-9.0	-9.0	
Sub Total	542.0	291.0	
<b>IPP Purchases (Assuming some contract extensions)</b>			
ManChief Power Company	280.0	263.0	
Black Hills Valmont 7 & 8	74.0	81.0	
Black Hills Arapahoe 5, 6, 7	119.0	122.0	
Fountain Valley Midway	240.0	236.0	
Brush 4D (Switched with Brush Cogen)	118.0	115.0	
Tri-State Limon	63.0	0.0	
Tri-State Brighton (Barr Lake)	128.0	0.0	
Calpine Blue Spruce Energy	280.0	258.0	
Front Range Power	234.0	0.0	
PG&E Plains End	110.0	113.0	
CPP Brush 1 & 3	88.0	75.0	
Ridge Crest Wind	0.0	4.0	
Calpine Rocky Mountain Energy Center	585.0	585.0	
GE Wind Colorado Green (Gobbler's Knob)	50.0	49.0	
Sub Total	2369.0	1901.0	
<b>Qualifying Facilities (QF's)</b>			
Brush Cogen Partners (Switched with Brush 4D)	55.0	68.0	
Thermo Greely (Monfort)	32.0	32.0	
Thermo Ft. Lupton	265.0	279.0	
Thermo Power (UNC)	75.0	69.0	
Small QF's (21 facilities)	10.0	10.0	
Sub Total	437.0	458.0	
<b>SPS Diversity Exchange (LAMAR DC Tie)</b>	210.0	103.0	
<b>Possible Projected Resources</b>			
Comanche # 3 Generation	554.0	0.0	PSCo 750 MW - PRPA Participation
Pawnee # 2 Generation	498.2	0.0	
Possible Projected Resources Sub Total	1052.2	0.0	
<b>Total Firm Purchases</b>	3558.0	2753.0	
<b>PSCo Net Dependable Capacity</b>	7549.4	6589.0	
<b>S Co Net Dependable Capacity with Projected Resources</b>	8601.6	6589.0	
<b>PSCO Native Load in 2014 Heavy Summer</b>	7922.0	7991.0	CL RTP loads do not include 280 MW transaction with Aquila. Native Load value derived from JH June 03', 90% Forecast
IRP Interruptible Load	126.0	126.0	
IRP Saver's Switch Program	64.0	64.0	
<b>PSCo Firm Load Obligation 2014 HS1</b>	7732.0	7801.0	
Reserve Margin IRP	13.00%	13.00%	
Reserve Requirement (Calc)	1005.2	1014.1	MW
<b>Actual Reserve Capacity w/o Projected Resources</b>	(182.58)	(1212.00)	MW
<b>Actual Reserve Capacity with Projected Resources</b>	869.62	(1212.00)	MW
<b>Resource Need w/o Projected Resources</b>	1187.74	2226.13	MW
<b>Resource Need with Projected Resources</b>	135.54	2226.13	MW

**TSG&T (NORTH) Loads & Resources Balance for 2014 Summer**

	Base Case	CLRTP	Notes
Existing TSG&T Capacity	2014 HS1	2014 HS1	
Installed Net Dependable Capacity	1448.79	1465.00	Based on TSG&T 2014 HS1 L&R data sheet, Includes 100 MW of Springerville
<b>Firm Purchased Capacity</b>			
Loveland Area Project Co/WY	281.0	270.4	Based on TSG&T 2014 HS1 L&R data sheet
Loveland Area Project Nebraska			
LAP - ARPA	29.7	29.7	Based on TSG&T 2014 HS1 L&R data sheet
CRSP - North CO/WY(E)	171.0	158.7	Based on TSG&T 2014 HS1 L&R data sheet
CRSP North CO/WY (W)		14.9	
CRSP - ARPA	1.0	1.0	Based on TSG&T 2014 HS1 L&R data sheet
CRSP - Lamar	2.1	2.1	Based on TSG&T 2014 HS1 L&R data sheet
Basin	90.0	100.0	Based on DC tie operation
ARPA Federal Allocation	32.8	0.0	Based on TSG&T 2014 HS1 L&R data sheet
<b>Sub Total</b>	<b>607.6</b>	<b>576.8</b>	
<b>TSG&amp;T Exports</b>			
PSCo #2	(100.0)	(100.0)	Based on TSG&T 2014 HS1 L&R data sheet
PSCo #3	(25.0)	(25.0)	Based on TSG&T 2014 HS1 L&R data sheet
PACE F1	(50.0)	(25.0)	Based on TSG&T 2014 HS1 L&R data sheet
ARPA - TSGT sale	(13.3)	(16.0)	Based on TSG&T 2014 HS1 L&R data sheet
BasinPREC		(12.8)	BY Contract
<b>Sub Total</b>	<b>-188.3</b>	<b>-178.8</b>	
<b>IPP Purchases</b>			
<b>Sub Total</b>	<b>0.0</b>	<b>0.0</b>	
<b>Qualifying Facilities (QF's)</b>			
<b>Sub Total</b>	<b>0.0</b>	<b>0.0</b>	
<b>DC TIES</b>			
<b>Sub Total</b>	<b>0.0</b>	<b>0.0</b>	
<b>Possible Projected/External Resources</b>			
Springerville - Interchange Import from South to SW Colorado		100.0	
<b>Sub Total</b>	<b>0.0</b>	<b>100.0</b>	
<b>Total Firm Purchases</b>	<b>419.3</b>	<b>398.0</b>	
<b>TSG&amp;T Net Dependable Capacity</b>	<b>1868.1</b>	<b>1863.0</b>	
<b>TSG&amp;T Net Dependable Capacity with Projected Resources</b>	<b>1868.1</b>	<b>1963.0</b>	
<b>TSG&amp;T Native Load in 2014 Heavy Summer</b>	<b>1577.4</b>	<b>1879.0</b>	CLRTP peak demand data based on latest TSG&T Forecast (Subject to Change)
Interruptible Load			
Efficiency Program			
<b>TSG&amp;T Firm Load Obligation 2014 HS1</b>	<b>1577.4</b>	<b>1879.0</b>	
Reserve Margin	4.70%	14.95%	PLANNING RESERVES - Subject To Change
Reserve Requirement (Calc)	74.0	281.0	Subject To Change
<b>Actual Reserve Capacity w/o Projected Resources</b>	<b>290.72</b>	<b>(16.00)</b>	
<b>Actual Reserve Capacity with Projected Resources</b>	<b>290.72</b>	<b>84.00</b>	
<b>Resource Need w/o Projected Resources</b>	<b>(216.72)</b>	<b>297.00</b>	
<b>Resource Need with Projected Resources</b>	<b>(216.72)</b>	<b>197.00</b>	

**PRPA Loads & Resources Balance for 2014 Summer**

	Base Case	CLRTP	Notes
Existing PRPA Capacity	2014 HS1	2014 HS1	
Rawhide Unit 1		270.0	net
Rawhide Unit A		65.0	net
Rawhide Unit B		65.0	net
Rawhide Unit C		65.0	net
Rawhide Unit D		65.0	net
Craig Unit 1		77.0	net
Craig Unit 2		77.0	net
Installed Net Dependable Capacity	640.00	684.0	
<b>Firm Purchased Capacity</b>			
PSCo Coal Fired Unit	146.0	0.0	
Craig Purchase	154.0	0.0	
SLIP	66.0	61.0	net
LAP	30.0	30.0	net
<b>Sub Total</b>	<b>396.0</b>	<b>91.0</b>	
<b>IPP Purchases</b>			
<b>Sub Total</b>	<b>0.0</b>	<b>0.0</b>	
<b>PRPA Exports</b>			
Rawhide House Power	-19.0	0.0	use net generation values
<b>Sub Total</b>	<b>-19.0</b>	<b>0.0</b>	
<b>Qualifying Facilities (QF's)</b>			
<b>Sub Total</b>	<b>0.0</b>	<b>0.0</b>	
<b>DC TIES</b>			
<b>Sub Total</b>	<b>0.0</b>	<b>0.0</b>	
<b>Possible Projected Resources</b>			
Base Load Unit Participation	0.0	100.0	100 MW net, starting January 2010
<b>Sub Total</b>	<b>0.0</b>	<b>100.0</b>	
<b>Total Firm Purchases</b>	<b>377.0</b>	<b>91.0</b>	
<b>PRPA Net Dependable Capacity</b>	<b>1017.0</b>	<b>775.0</b>	owned + contracted
<b>PRPA Net Dependable Capacity with Projected Resources</b>	<b>1017.0</b>	<b>875.0</b>	owned + contracted + projected
<b>PRPA Native Load in 2014 Heavy Summer</b>	<b>1017.0</b>	<b>825.0</b>	810 Load + 15 Losses, Derived from PRPA October 2003 Forecast
Interruptible Load		7.0	
Efficiency Program			
<b>PRPA Firm Load Obligation 2014 HS1</b>	<b>1017.0</b>	<b>818.0</b>	
Reserve Margin	0.00%	5.50%	
Reserve Requirement (Calc)	0.0	45.0	our est. of RMRG. (Based on Projected 750 MW unit)
<b>Actual Reserve Capacity w/o Projected Resources</b>	<b>0.00</b>	<b>(43.00)</b>	owned + contracted - firm load obligation
<b>Actual Reserve Capacity with Projected Resources</b>	<b>0.00</b>	<b>57.00</b>	owned + contracted + projected - firm load obligation
<b>Resource Need w/o Projected Resources</b>	<b>0.00</b>	<b>87.99</b>	reserve requirement - (owned + contracted - firm load obligation)
<b>Resource Need with Projected Resources</b>	<b>0.00</b>	<b>(12.01)</b>	reserve requirement - (owned + contracted + projected - firm load obligation)

**CSU (Colorado) Loads & Resources Balance for 2014 Summer**

	Base Case 2014 HS1	CL RTP 2014 HS1	Notes
<b>Existing CSU Capacity</b>			
Installed Net Dependable Capacity	1073.00	1073.00	Estimated Value from CSU
<b>CSU Purchased Capacity</b>			
<b>Sub Total</b>	0.0	0.0	
<b>CSU Exports</b>			
<b>Sub Total</b>	0.0	0.0	
<b>Qualifying Facilities (QF's)</b>			
<b>Sub Total</b>	0.0	0.0	
<b>DC TIES</b>			
<b>Sub Total</b>	0.0	0.0	
<b>Resources Under Development</b>			
<b>Sub Total</b>	0.0	0.0	
<b>Possible Projected Resources</b>			
Nixon Gen	0.0	0.0	Proposed new Nixon Gen --200MW
<b>Sub Total</b>	0.0	0.0	
<b>Total Firm Purchases</b>	0.0	0.0	
<b>CSU Net Dependable Capacity</b>	1073.0	1073.0	
<b>CSU Net Dependable Capacity with Projected Resources</b>	1073.0	1073.0	
<b>CSU Native Load in 2014 Heavy Summer</b>	1163.0	1163.0	Latest Peak Forecast (per Chuck Sisk)
Interruptible Load			
Efficiency Program	0.0	0.0	
<b>CSU Firm Load Obligation 2014 HS1</b>	1163.0	1163.0	
Reserve Margin	0.00%	10.70%	
Reserve Requirement (Calc)	0.0	124.4	Rough number from CSU
<b>Actual Reserve Capacity w/o Projected Resources</b>	(90.00)	(90.00)	
<b>Actual Reserve Capacity with Projected Resources</b>	(90.00)	(90.00)	
<b>Resource Need w/o Projected Resources</b>	90.00	214.44	
<b>Resource Need with Projected Resources</b>	90.00	214.44	

<b>CLRTP Loads &amp; Resources Balance for 2014 Summer</b>			
	<b>Base Case</b>	<b>CLRTP</b>	<b>Notes</b>
<b>Existing ENTITY Capacity</b>	<b>2014 HS1</b>	<b>2014 HS1</b>	
Installed Net Dependable Capacity	7153.19	7058.00	
<b>Firm Purchased Capacity</b>			
<b>CLRTP Total</b>	<b>1545.6</b>	<b>958.8</b>	Summation of CLRTP Firm Purchases
<b>IPP Purchases</b>			
<b>CLRTP Total</b>	<b>2369.0</b>	<b>1901.0</b>	Summation of CLRTP IPP Purchases
<b>Qualifying Facilities (QF's)</b>			
<b>CLRTP Total</b>	<b>437.0</b>	<b>458.0</b>	Summation of CLRTP QF's
<b>DC TIES</b>			
SPS Diversity Exchange (LAMAR DC Tie)	210.0	103.0	
<b>CLRTP Total</b>	<b>210.0</b>	<b>103.0</b>	Summation of CLRTP DC Ties
<b>Possible Projected Resources</b>			
Comanche # 3 Generation	700.0	0.0	
Pawnee # 2 Generation	498.2	0.0	
Nixon Gen	0.0	<b>0.0</b>	<b>proposed new Nixon Gen --200MW</b>
Base Load Unit Participation	0.0	<b>100.0</b>	<b>net, starting January 2010</b>
<b>CLRTP Total</b>	<b>1198.2</b>	<b>100.0</b>	Summation of CLRTP Possible Projected Resources
<b>CLRTP Native Load in 2014 Heavy Summer</b>	<b>11679.4</b>	<b>11858.0</b>	Sum of CLRTP Loads
Interruptible Load	126.0	133.0	
Efficiency Program	64.0	64.0	
<b>ENTITY Firm Load Obligation 2014 HS1</b>	<b>11489.4</b>	<b>11661.0</b>	Sum of Native Loads - Interruptibles and Efficiency Programs
<b>Total Resource Need for PSCo</b>		<b>2226.13</b>	
<b>Total Resource Need for TSG&amp;T</b>		<b>297.00</b>	
<b>Total Resource Need for PRPA</b>		<b>87.99</b>	
<b>Total Resource Need for CSU</b>		<b>214.44</b>	
<b>Resource Need Adjustments PSCo</b>		<b>0.00</b>	
<b>Resource Need Adjustments TSG&amp;T</b>		<b>27.00</b>	Adjustment for TSG&T for the 2750 MW of need
<b>Resource Need Adjustments PRPA</b>		<b>12.00</b>	
<b>Resource Need Adjustments CSU</b>		<b>(115.00)</b>	
<b>Total CLRTP Resource Need</b>		<b>2825.56</b>	
<b>Total CLRTP Resource Need w/adjustments</b>		<b>2749.56</b>	