Market Performance Report for October 2007



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Market Highlights

The full Market Performance Report is available at http://www.caiso.com/1c27/1c27dd0dcfe0.pdf

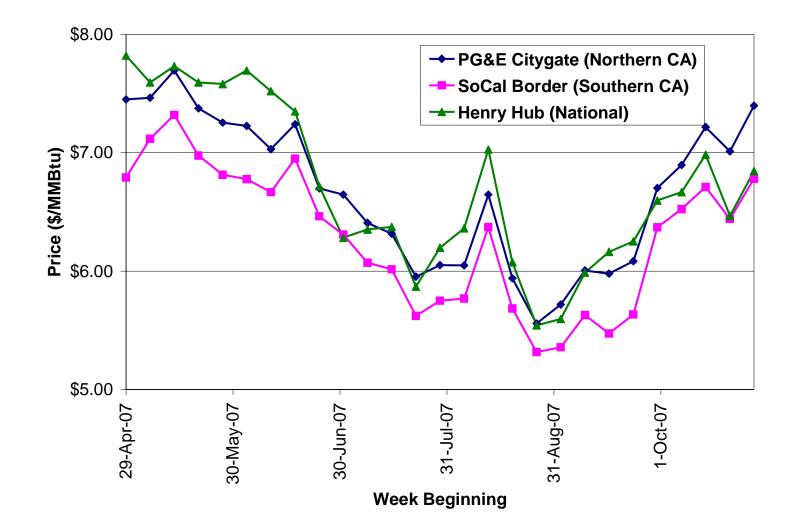
- Fires in Southern California were the main grid event in October
- Fires had two notable effects
 - Substantial increase in OOS costs
 - Substantial increase in interzonal costs

Monthly Market Performance Metrics for 2007

Monthly Metrics	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov Dec	Avg
Average Gas Price	\$6.57	\$7.26	\$6.53	\$7.19	\$7.27	\$6.89	\$6.14	\$5.93	\$5.73	\$6.80		\$6.63
Average On-Peak Contract Price	\$63.32	\$64.25	\$54.90	\$64.78	\$75.04	\$68.47	\$71.76	\$71.40	\$59.64	71.89		\$66.54
Average Real-Time Price	\$50.35	\$51.25	\$41.75	\$50.24	\$59.14	\$54.85	\$55.84	\$62.44	\$47.22	\$56.59		\$52.97
No. of Price Spikes Over \$250	102	50	131	203	101	77	79	167	10	93		101
Costs Incurred over \$250 (percent)	24%	13%	24%	33%	22%	18%	14%	24%	3%	27%		20%
AS Cost (\$ per MWh)	\$0.54	\$0.41	\$0.58	\$0.38	\$0.74	\$0.59	\$1.16	\$0.78	\$0.58	0.47		\$0.62
RA Unit Commitment Costs (\$M)	\$2.5	\$1.6	\$1.3	\$2.1	\$1.9	\$3.4	\$4.8	\$3.2	\$2.9	\$4.3		\$2.8
FERC Unit Commitment Costs (\$M)	\$0.7	\$0.3	\$0.7	\$0.1	\$0.0	\$1.4	\$1.4	\$1.4	\$0.8	\$3.8		\$1.1
Inc OOS Redispatch Costs (\$M)	\$2.7	\$1.6	\$1.1	\$1.7	\$1.5	\$1.2	\$2.1	\$1.2	\$1.2	\$3.8		\$1.8
Dec OOS Redispatch Costs (\$M)	\$0.2	\$0.3	\$0.4	\$0.3	\$0.7	\$0.3	\$0.4	\$0.5	\$0.3	\$2.5		\$0.6
Total Interzonal Congestion (\$M)	\$4.0	\$1.8	\$8.1	\$5.0	\$12.5	\$4.5	\$4.2	\$3.1	\$4.3	\$12.9		\$6.0



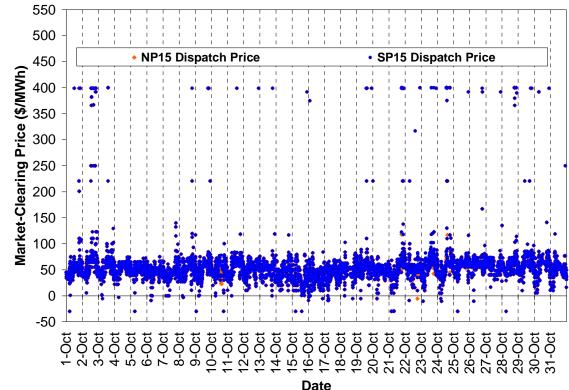
Natural Gas Prices





Real Time Balancing Energy Prices

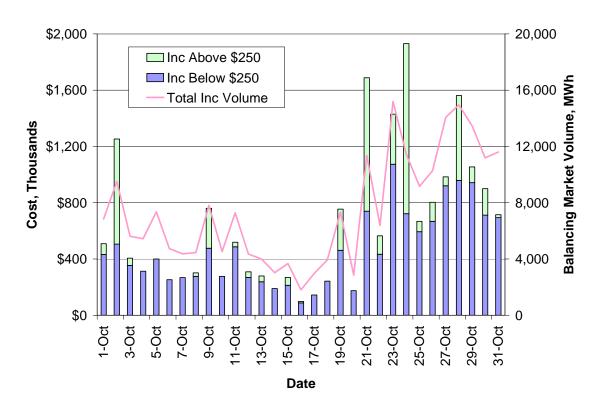
- There were 93 intervals of prices over \$250 in October, up from ten in September, but below the monthly average
- Half occurred during the fire period in Southern California





Cost of Balancing Energy

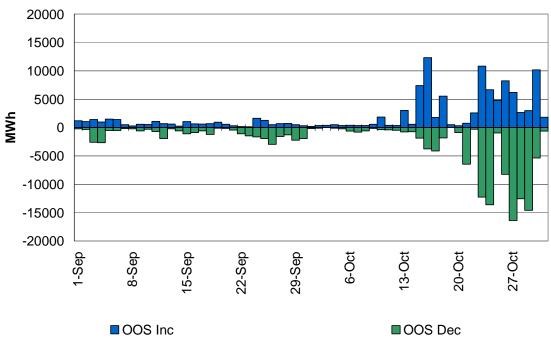
- 27% of all incremental energy expenditures were incurred at prices greater than \$250, up from 3% last month
- Total expenditure on incremental energy in October was \$20 million vs. \$10.5 million in September





Cost of Out of Sequence Energy

- October's incremental OOS costs tripled to \$3.8 million, up from September's \$1.20 million
- Decremental OOS costs increased to \$2.5 million from \$280,000
- High incremental volumes were driven primarily by maintenance at Sylmar and the wild fires in Southern California
- Decremental volumes were driven primarily by wild fires

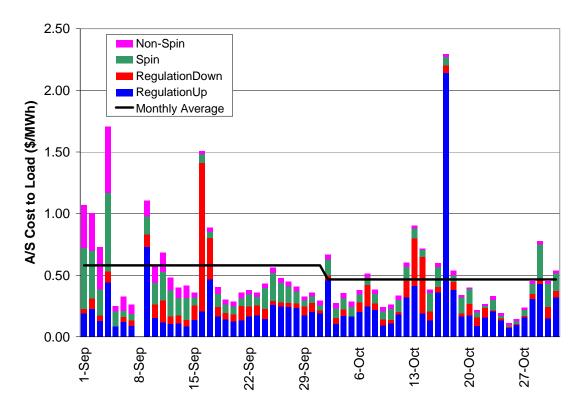


Daily OOS MWh – September and October 2007



Ancillary Services Markets

- Average Spin, Non-Spin and Reg Down prices all declined sharply in October
- Higher average Reg Up prices can be attributed to congestion on Mead which stranded dynamic resources outside the CAISO control area

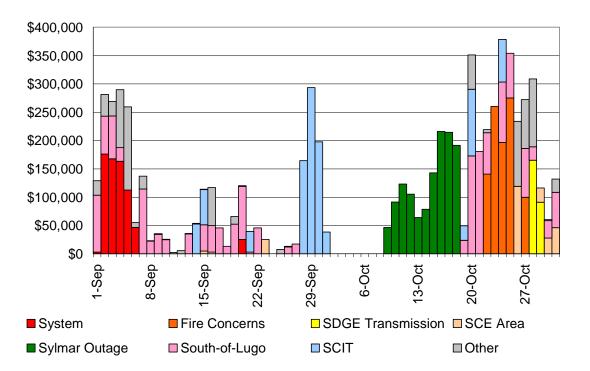


		Weighted Average Price (\$/MW)									
	RU	RD	SP	NS	RU		RD	SF	2	NS	
Sep 07	391	369	951	897	\$ 14	.89	\$ 8.9	3 \$	5.20	\$	3.81
Oct 07	373	362	786	769	\$ 18	.91	\$ 5.2	6 \$	2.90	\$	0.93
	-4.6%	-2.0%	-17.4%	-14.3%	27	.0%	-41.1	%	-44.2%	-	75.6%



RA Unit Commitment Costs

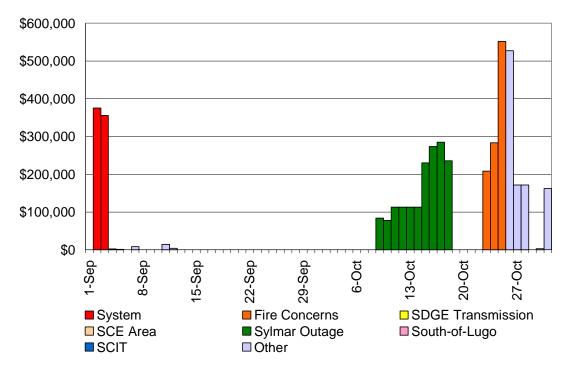
- Unit commitment costs in October spiked to over \$8 million from \$3.6 million in September
- Planned outages at the Sylmar Banks and transmission outages driven by wild fires motivated the increased charges
- RA costs comprised 53% of the total





FERC MOO Commitment Costs

FERC Must Offer commitments followed a similar pattern with the Sylmar Outage and Fire Concerns accounting for 70% of the nearly \$4 million FERC total





Inter-zonal Congestion Costs

- Inter-zonal congestion costs climbed to \$12.9 million in October from \$4.3 million in September
- Congestion on Eldorado occurred throughout the month and was largely due to the path capacity de-rates motivated by planned and unplanned transmission line outages
- Congestion on Palo Verde was largely due to over scheduling, and path capacity de-rates motivated by planned and unplanned transmission line outages

