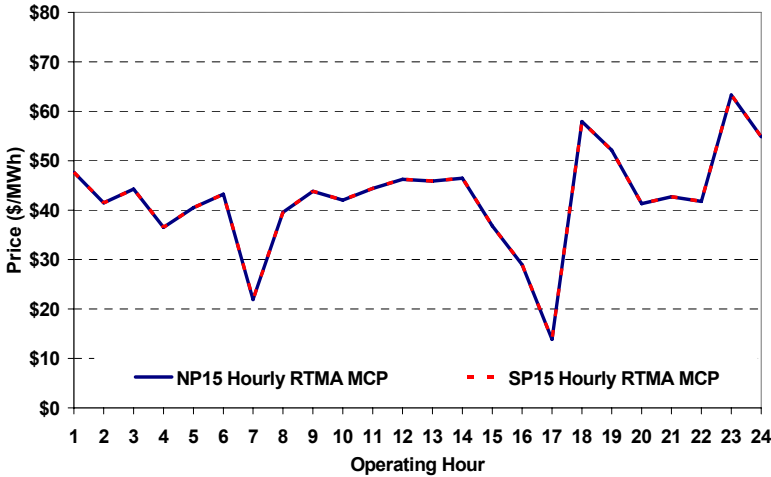
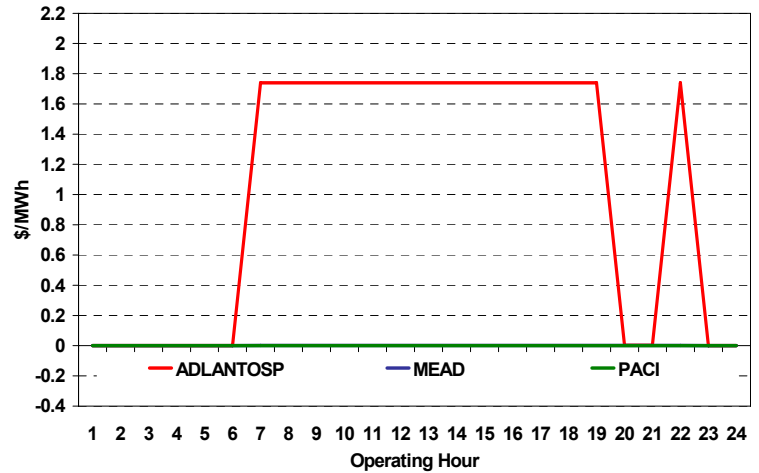


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Real-Time Hourly Average MCP



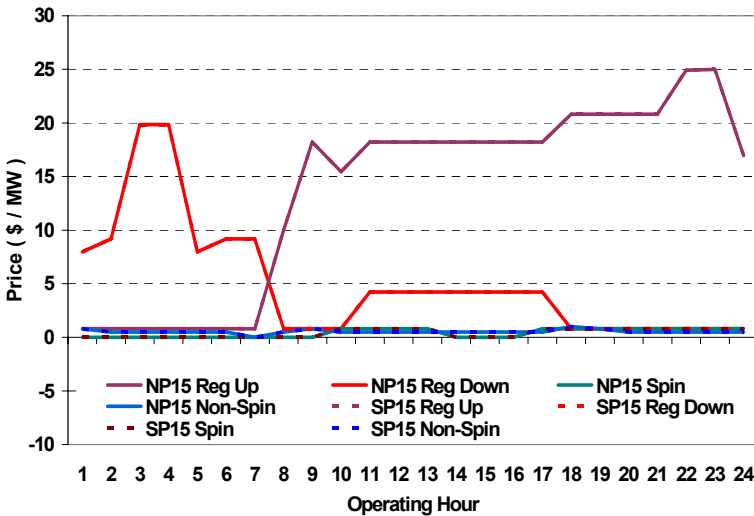
Selected Day Ahead Branch Group Congestion Prices



	NP15				SP15			
	Min	Max	Avg	Δ Avg.	Min	Max	Avg	Δ Avg.
Peak	\$ (10.00)	\$ 72.23	\$ 41.77	\$ (3.48)	\$ (10.00)	\$ 72.23	\$ 41.77	\$ (3.48)
Off-Peak	\$ 28.00	\$ 68.07	\$ 46.45	\$ 5.69	\$ 28.00	\$ 68.07	\$ 46.45	\$ 5.69

Branch Group	Congestion Cost		Total	Total Cost Percent
	Import	Export		
ADLANTOSP	\$ 25,242	\$ -	\$ 25,242	100%
MEAD	\$ 11	\$ -	\$ 11	0%
PACI	\$ -	\$ -	\$ -	0%

Day Ahead A/S Market Clearing Prices



	Inc MWh	Inc Redispatch Costs	Dec MWh	Dec Redispatch Costs
Peak	262	48,812	-103	1,091
Off-Peak	166	29,963	-488	4,206
Total	428	\$ 78,775	-591	\$ 5,297

Commitment Type	Avg Hrlly P-Min MW	Daily Min-Load Cost
FERCMOO	0	\$0
RA	100	\$147,100
Totals	100	\$147,100

Peak Load	30,352 MW	Average Load	24948 MW
Time of peak	17:58	Δ Peak from Prev. Day	938 MW

Day Ahead (DA) Market Summary:	Peak				Off-Peak			
	Min	Max	Avg.	Δ Avg.	Min	Max	Avg.	Δ Avg.
Ancillary Services (A/S) Capacity								
Regulation Up Price (\$/MW)	0.80	24.92	17.51	0.35	0.81	24.99	5.85	-3.14
Regulation Down Price (\$/MW)	0.81	9.18	2.83	-2.46	0.81	19.84	9.45	-44.03
Spinning Reserve Price (\$/MW)	0.00	0.81	0.51	0.20	0.00	0.81	0.20	-0.10
Non-Spinning Reserve Price (\$/MW)	0.00	1.00	0.54	0.21	0.50	0.80	0.54	0.10
Regulation Up Bid Sufficiency Ratio*	115%	312%	235%	7%	159%	425%	328%	4%
Regulation Down Bid Sufficiency Ratio*	227%	323%	251%	6%	109%	302%	190%	13%
Spinning Reserve Bid Sufficiency Ratio*	137%	250%	205%	16%	174%	296%	252%	16%
Non-Spinning Reserve Bid Sufficiency Ratio*	132%	287%	222%	-7%	191%	324%	288%	3%
Total Cost of DA A/S (\$)			196,197	-143,207				

* The Bid Sufficiency Ratio for a given market in a given hour is defined as the sum of capacity offers in MWs divided by the capacity requirement in MWs.