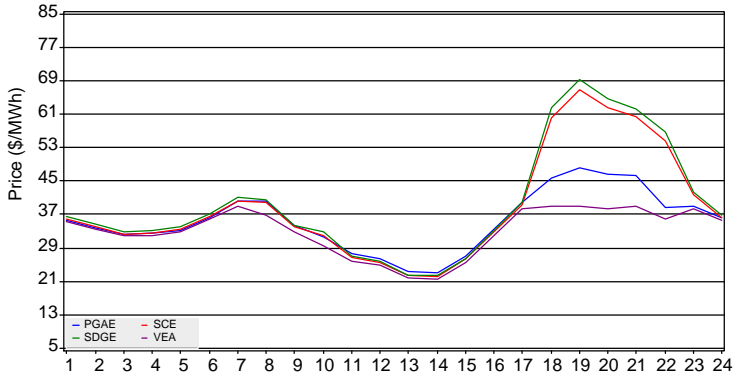


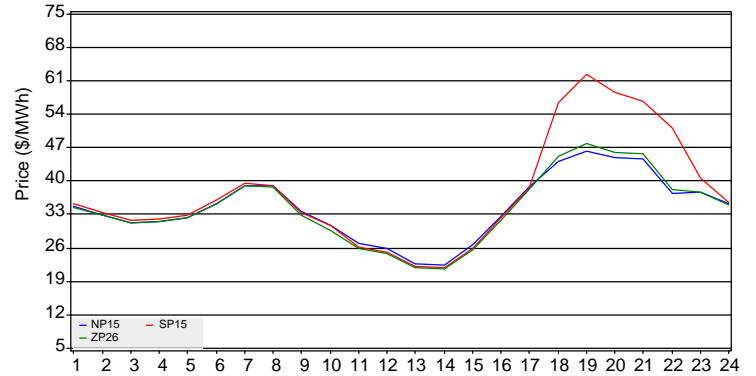
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(Note: An explanation of all metrics is available in the Day-Ahead Daily Market Watch Metric Catalog at <http://www.caiso.com/Documents/Day-AheadDailyMarketWatchMetricCatalog.pdf>)

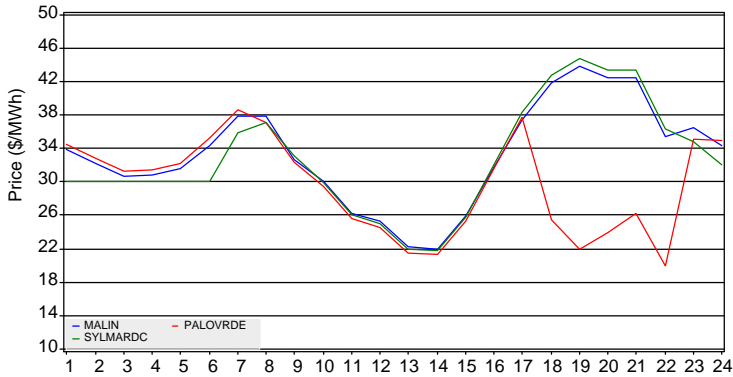
**IFM Default LAP LMPs**



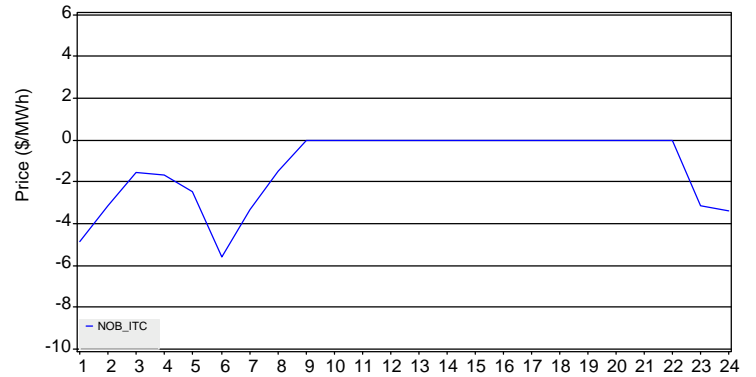
**IFM Trading Hub LMPs**



**Selected IFM Tie Point LMPs**



**Selected IFM Intertie Shadow Prices**



**IFM LMP Statistics for On-Peak and Off-Peak Hours (\$/MWh)**

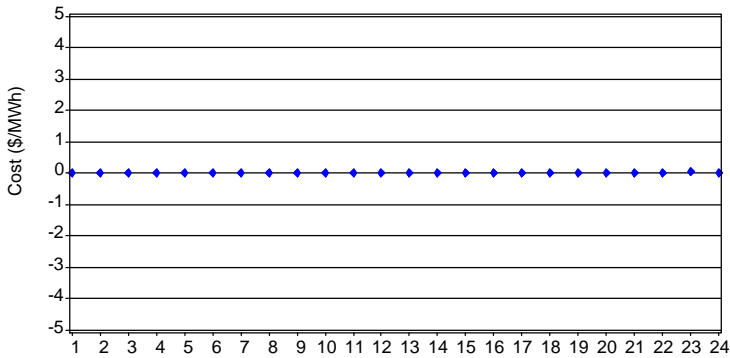
	NP15			SP15			ZP26			PG&E			SCE			SDGE			VEA		
	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min
<b>OFF</b>	37.63	33.83	31.31	40.56	34.70	31.86	37.77	33.81	31.28	38.84	34.88	32.27	41.67	35.31	32.34	42.45	35.96	32.94	38.40	34.41	31.85
<b>ON</b>	46.28	34.75	22.53	62.31	38.74	21.79	47.80	34.56	21.55	48.02	35.77	22.96	66.99	40.34	22.17	69.20	41.37	22.35	39.13	32.47	21.51

**Selected IFM Intertie Congestion Rents**

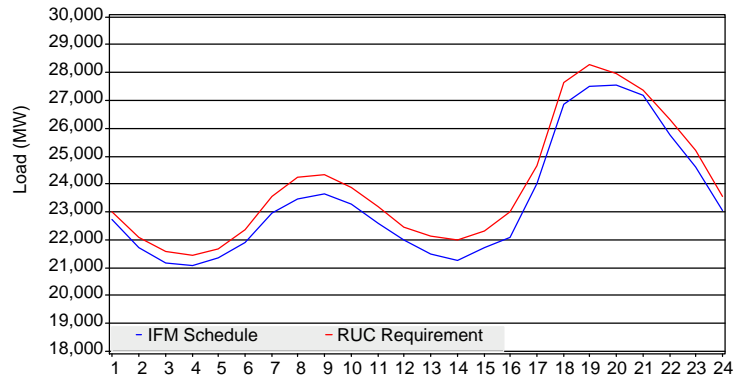
Inter-Tie	Import Rent	Export Rent	Total Rent	Total Rent Percent
NOB_ITC	\$49,715.42	\$0.00	\$49,715.42	100.00%

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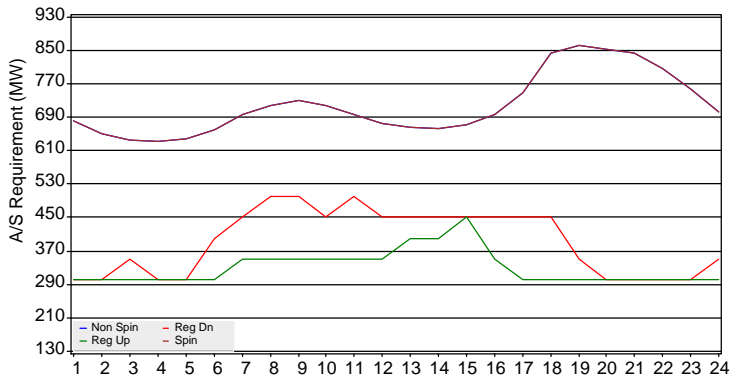
### RUC Cost to Underscheduled Load



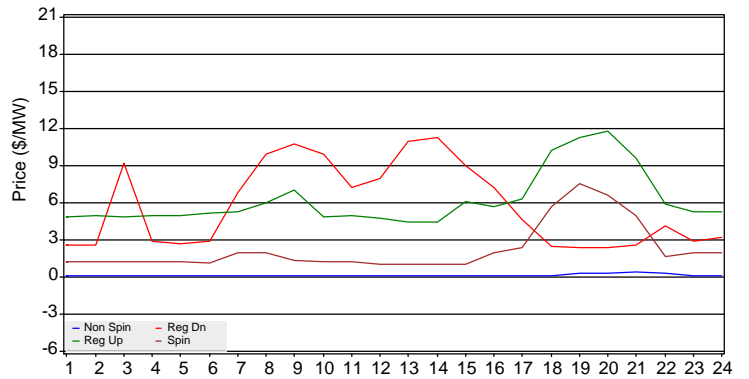
### IFM Cleared Quantity and RUC Requirement



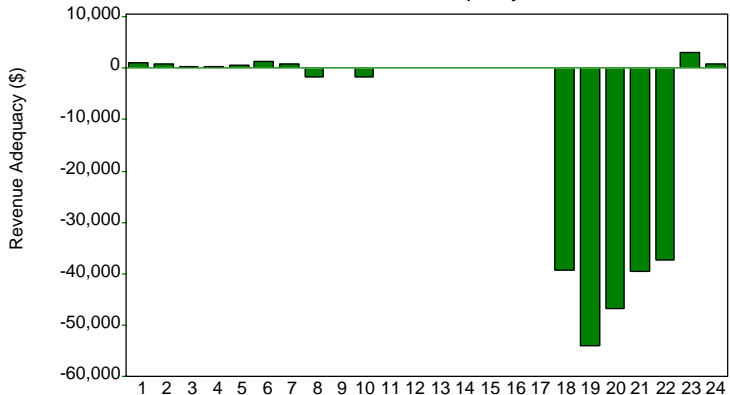
### A/S System Requirement



### A/S Average Price



### CRR Revenue Adequacy



### CRR Statistics

	23DEC2017	Cumulative
CONGESTION RENT	\$1,071,873.53	\$56,969,275.78
CRR PAYMENT	\$1,283,227.23	\$69,831,232.35
PERFECT HEDGE	.	\$2,379,879.45
CLAW BACK	.	\$2,624.35
CRR ADEQUACY	-\$211,353.70	-\$152,392,11.67
ADEQUACY RATIO	83.53%	78.89%
AUCTION REVENUES	.	\$7,202,231.34
BALANCE ACCOUNT	.	-\$8,036,980.33

\*The cumulative cost of perfect hedge is between 01DEC2017 and 20DEC2017

\*The cumulative cost of claw back is between 01DEC2017 and 20DEC2017