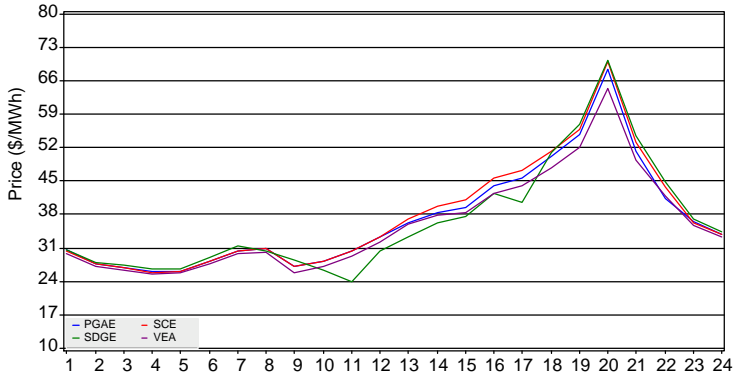


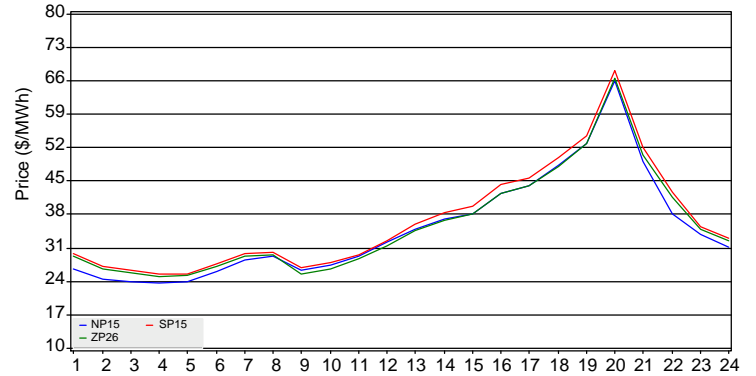
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(Note: An explanation of all metrics is available in the Day-Ahead Daily Market Watch Metric Catalog at <http://www.caiso.com/Documents/Day-AheadDailyMarketWatchMetricCatalog.pdf>)

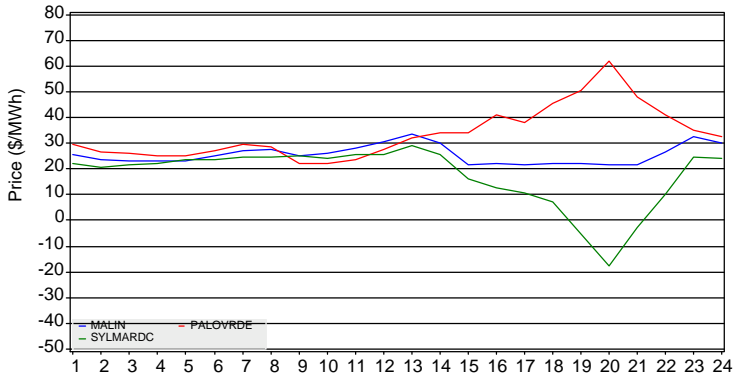
**IFM Default LAP LMPs**



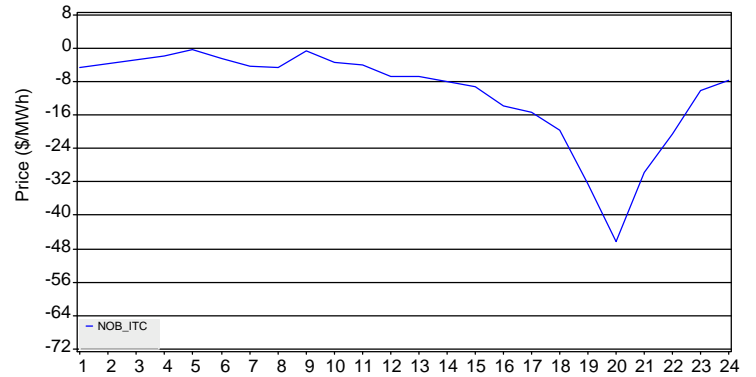
**IFM Trading Hub LMPs**



**Selected IFM Tie Point LMPs**



**Selected IFM Intertie Shadow Prices**



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

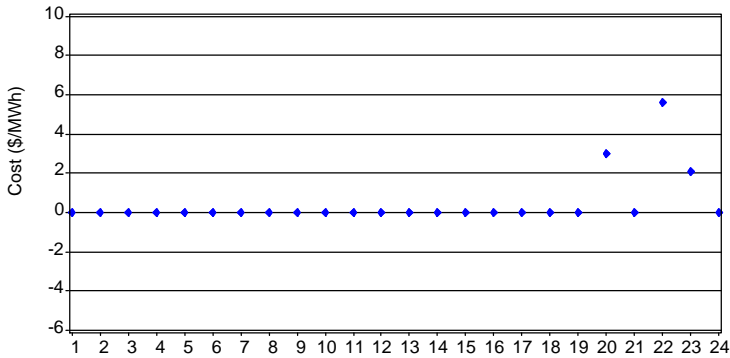
	NP15			SP15			ZP26			PG&E			SCE			SDGE			VEA		
	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min
<b>OFF</b>	33.82	26.71	23.70	35.48	28.83	25.50	34.95	28.35	25.00	36.40	29.51	26.01	36.35	29.37	25.86	36.97	29.95	26.56	35.71	28.94	25.53
<b>ON</b>	65.90	39.01	26.30	68.16	40.50	26.88	66.42	39.14	25.65	68.40	40.59	27.04	69.90	41.54	27.09	70.40	39.90	24.01	64.32	39.28	25.87

**Selected IFM Intertie Congestion Rents**

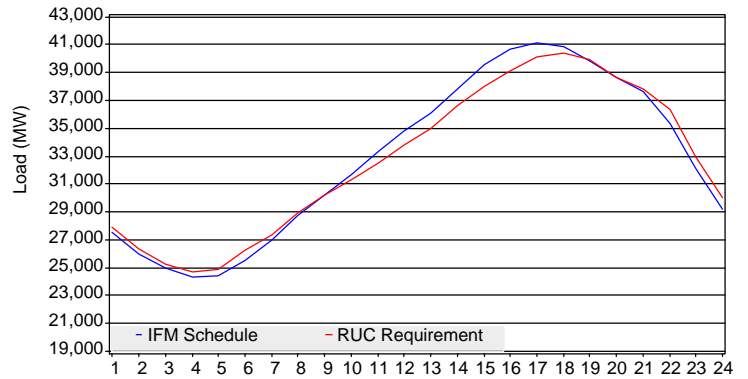
Inter-Tie	Import Rent	Export Rent	Total Rent	Total Rent Percent
NOB_ITC	\$406,556.13	\$0.00	\$406,556.13	100.00%

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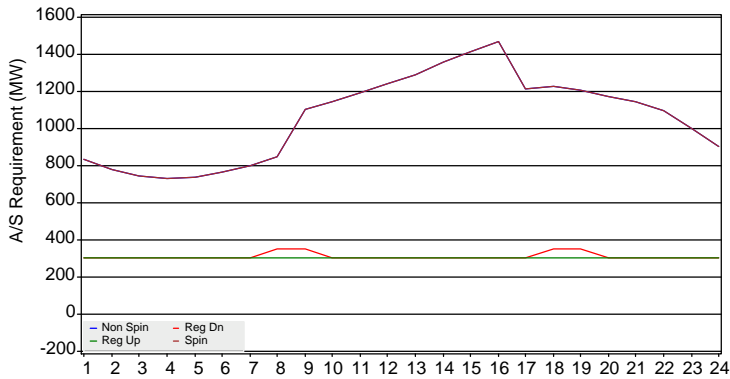
### RUC Cost to Underscheduled Load



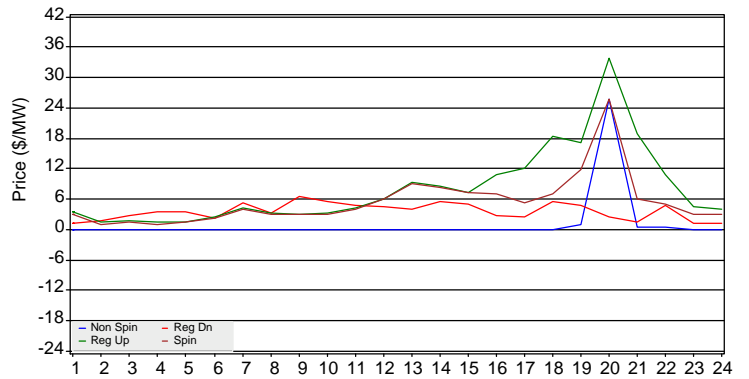
### IFM Cleared Quantity and RUC Requirement



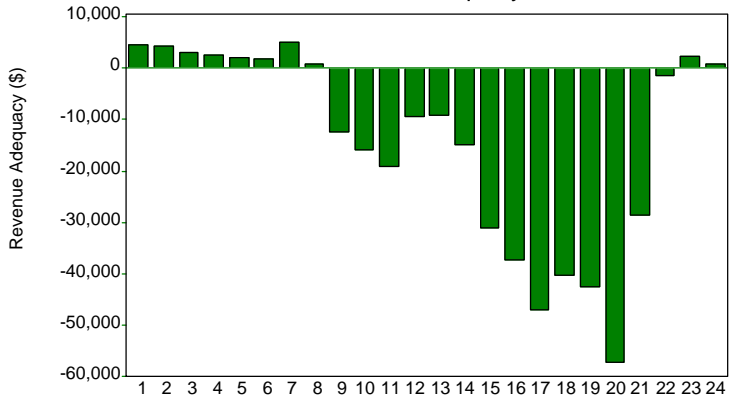
### A/S System Requirement



### A/S Average Price



### CRR Revenue Adequacy



### CRR Statistics

	12JUL2017	Cumulative
CONGESTION RENT	\$1,760,159.55	\$11,960,181.57
CRR PAYMENT	\$2,098,876.11	\$13,980,437.51
PERFECT HEDGE	.	\$323,006.54
CLAW BACK	.	\$50,981.55
CRR ADEQUACY	-\$338,716.55	-\$2,292,280.93
ADEQUACY RATIO	83.86%	83.62%
AUCTION REVENUES	.	\$8,093,259.60
BALANCE ACCOUNT	.	\$5,800,978.67

\*The cumulative cost of perfect hedge is between 01JUL2017 and 09JUL2017

\*The cumulative cost of claw back is between 01JUL2017 and 09JUL2017