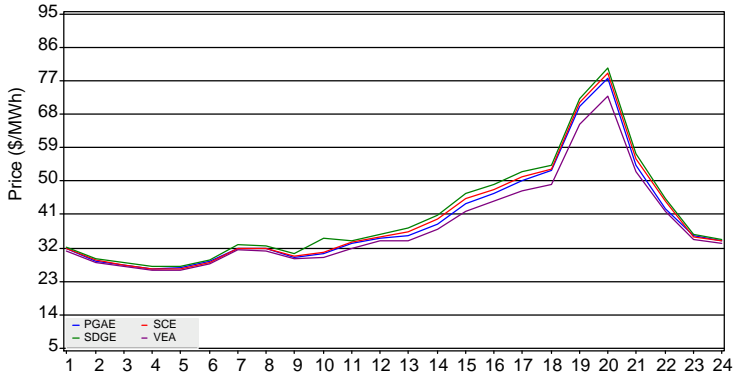


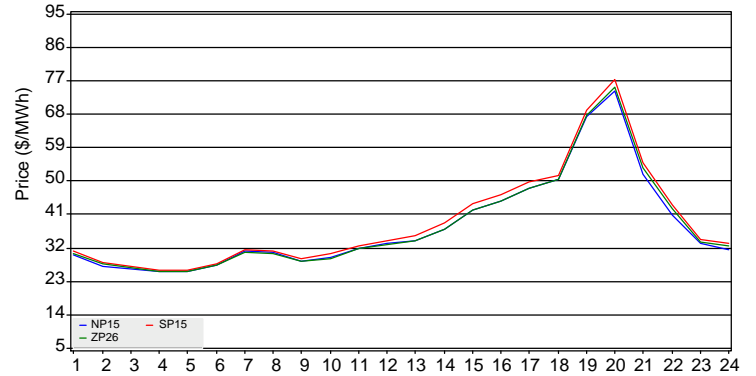
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(Note: An explanation of all metrics is available in the Day-Ahead Daily Market Watch Metric Catalog at <http://www.caiso.com/Documents/Day-AheadDailyMarketWatchMetricCatalog.pdf>)

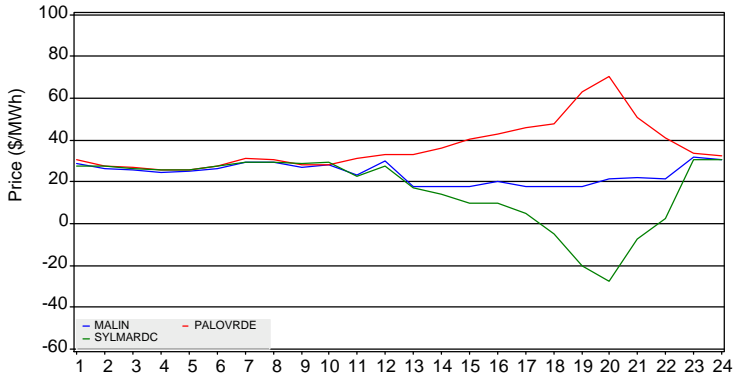
**IFM Default LAP LMPs**



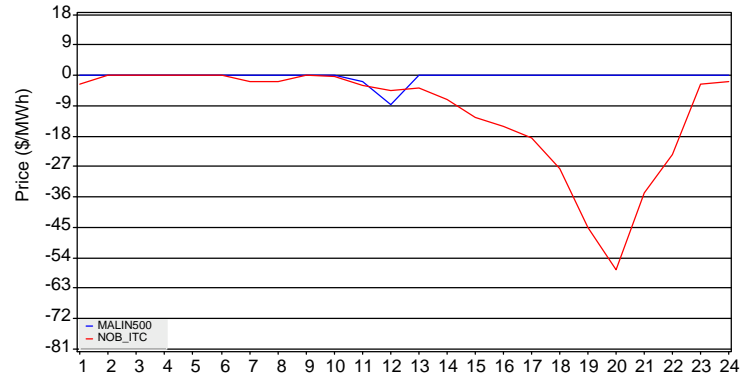
**IFM Trading Hub LMPs**



**Selected IFM Tie Point LMPs**



**Selected IFM Intertie Shadow Prices**



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

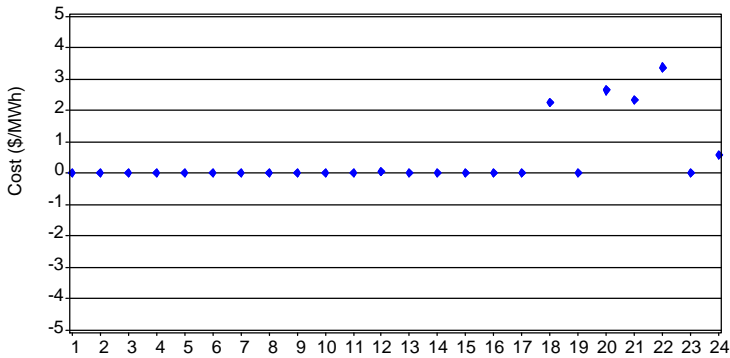
	NP15			SP15			ZP26			PG&E			SCE			SDGE			VEA		
	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min
<b>OFF</b>	33.27	28.35	25.52	34.11	29.17	26.00	33.70	28.71	25.61	35.23	29.78	26.50	34.95	29.72	26.40	35.60	30.24	26.97	34.35	29.25	26.04
<b>ON</b>	74.32	42.23	28.51	77.27	43.67	28.97	75.31	42.47	28.26	77.57	43.95	29.37	79.12	44.79	29.63	80.39	46.02	30.37	72.80	42.06	28.99

**Selected IFM Intertie Congestion Rents**

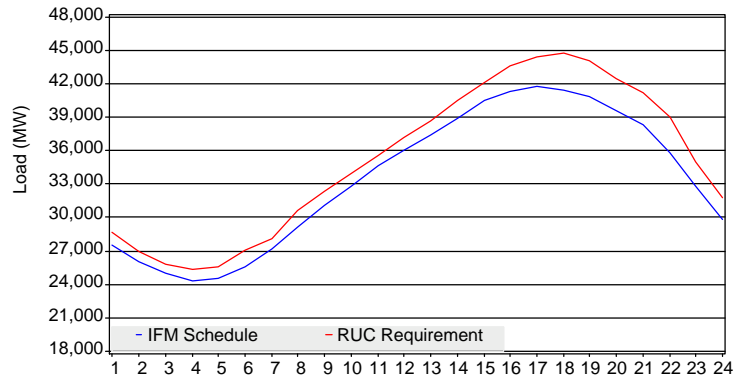
Inter-Tie	Import Rent	Export Rent	Total Rent	Total Rent Percent
NOB_ITC	\$413,075.96	\$0.00	\$413,075.96	92.63%
MALIN500	\$32,876.57	\$0.00	\$32,876.57	7.37%

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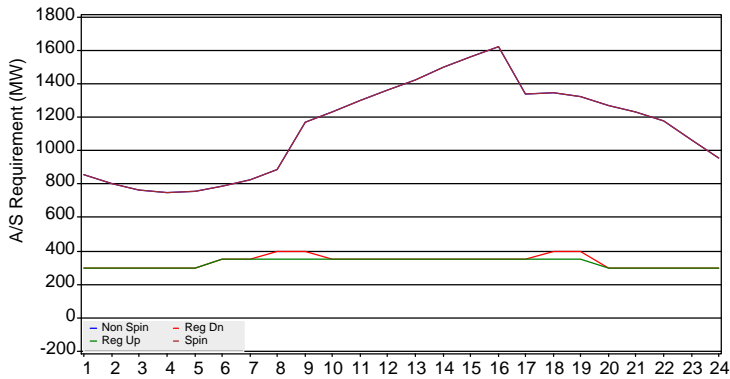
### RUC Cost to Underscheduled Load



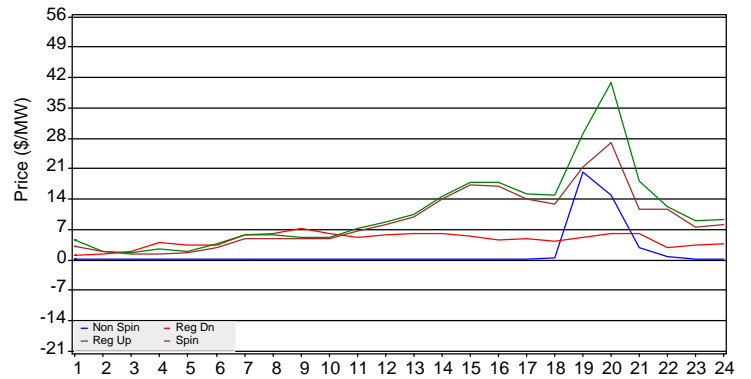
### IFM Cleared Quantity and RUC Requirement



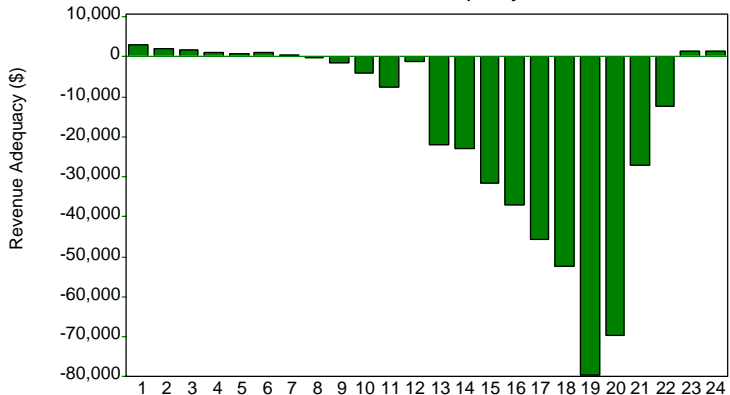
### A/S System Requirement



### A/S Average Price



### CRR Revenue Adequacy



### CRR Statistics

	10JUL2017	Cumulative
CONGESTION RENT	\$2,004,602.66	\$9,248,318.92
CRR PAYMENT	\$2,406,705.41	\$10,634,278.26
PERFECT HEDGE	.	\$196,029.81
CLAW BACK	.	\$13,862.86
CRR ADEQUACY	-\$402,102.75	-\$1,568,126.29
ADEQUACY RATIO	83.29%	85.39%
AUCTION REVENUES	.	\$8,093,259.60
BALANCE ACCOUNT	.	\$6,525,133.31

\*The cumulative cost of perfect hedge is between 01JUL2017 and 06JUL2017

\*The cumulative cost of claw back is between 01JUL2017 and 06JUL2017