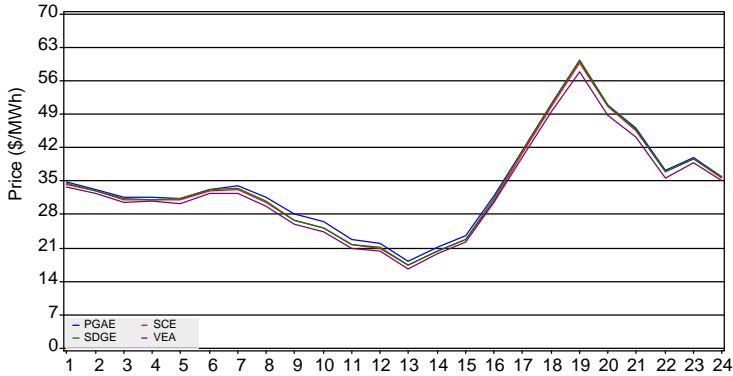


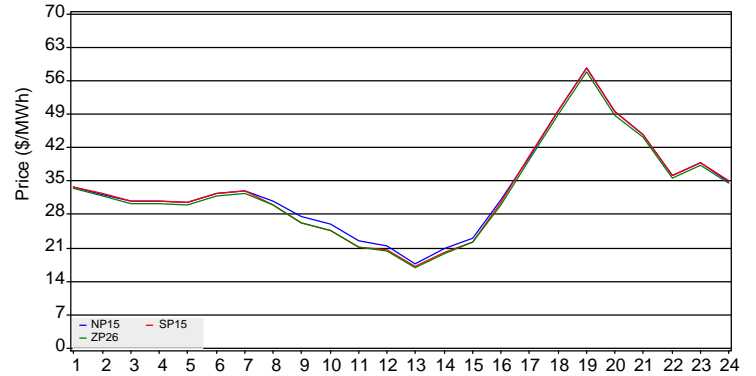
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(Note: An explanation of all metrics is available in the Day-Ahead Daily Market Watch Metric Catalog at <http://www.caiso.com/Documents/Day-AheadDailyMarketWatchMetricCatalog.pdf>)

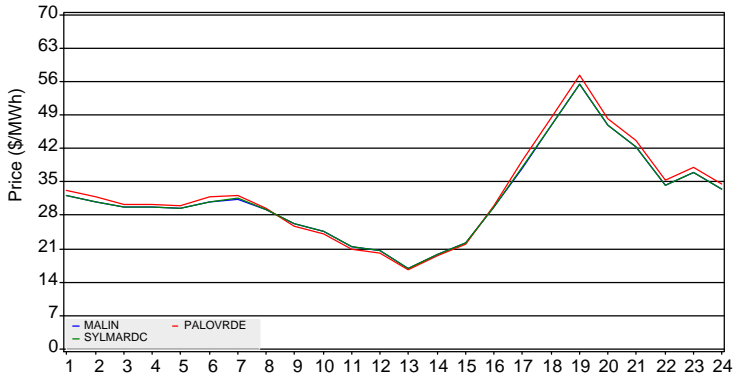
**IFM Default LAP LMPs**



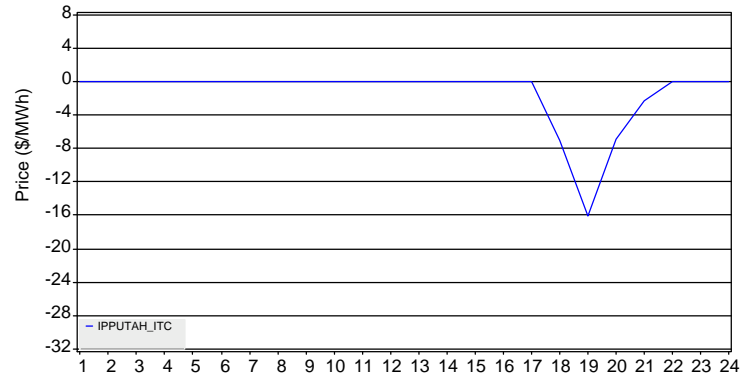
**IFM Trading Hub LMPs**



**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>	58.66	33.15	17.73	58.63	32.85	17.06	57.89	32.47	16.92	60.41	34.04	18.08	59.79	33.41	17.36	60.36	33.60	17.38	57.85	32.59	16.67

**Selected IFM Intertie Congestion Rents**

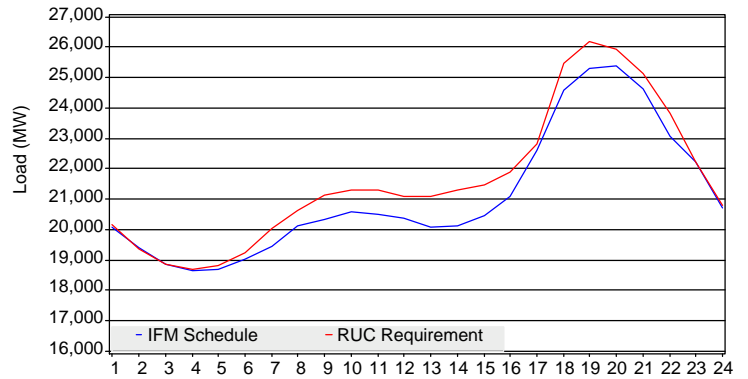
Inter-Tie	Import Rent	Export Rent	Total Rent	Total Rent Percent
IPPUTAH_ITC	\$6,548.79	\$0.00	\$6,548.79	100.00%

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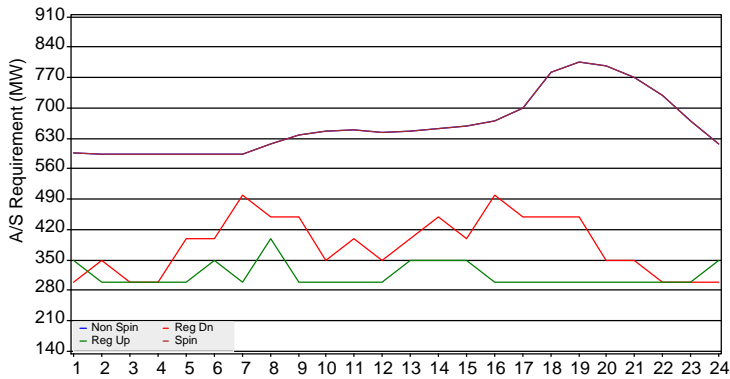
### RUC Cost to Underscheduled Load



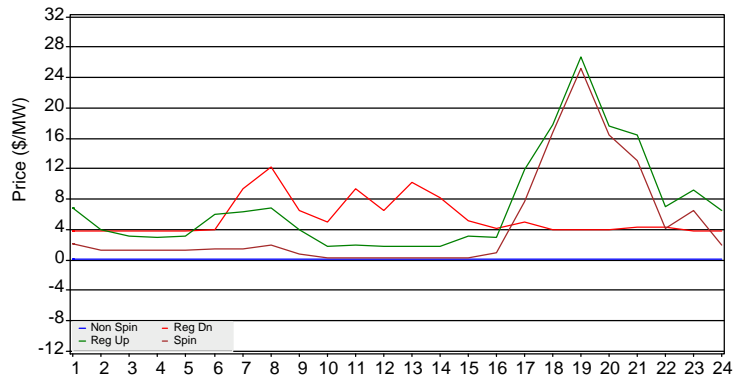
### IFM Cleared Quantity and RUC Requirement



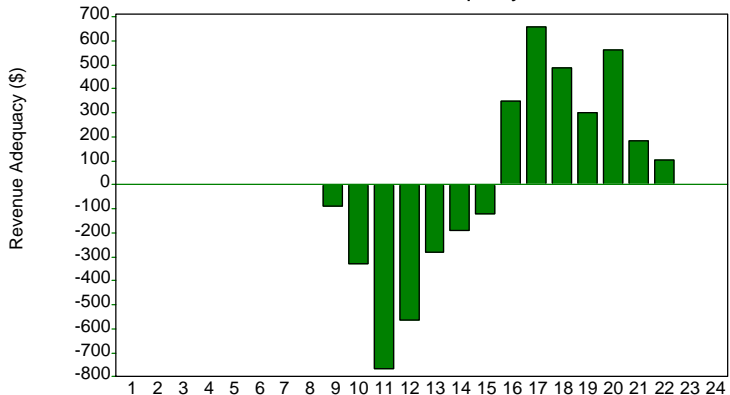
### A/S System Requirement



### A/S Average Price



### CRR Revenue Adequacy



### CRR Statistics

	05NOV2017	Cumulative
CONGESTION RENT	\$41,112.72	\$1,763,043.94
CRR PAYMENT	\$40,811.73	\$3,342,748.95
PERFECT HEDGE	.	\$63,667.08
CLAW BACK	.	\$1,189.05
CRR ADEQUACY	\$300.98	\$-1,642,183.05
ADEQUACY RATIO	100.74%	51.76%
AUCTION REVENUES	.	\$5,531,648.63
BALANCE ACCOUNT	.	\$3,889,465.57

\*The cumulative cost of perfect hedge is between 01NOV2017 and 02NOV2017

\*The cumulative cost of claw back is between 01NOV2017 and 01NOV2017