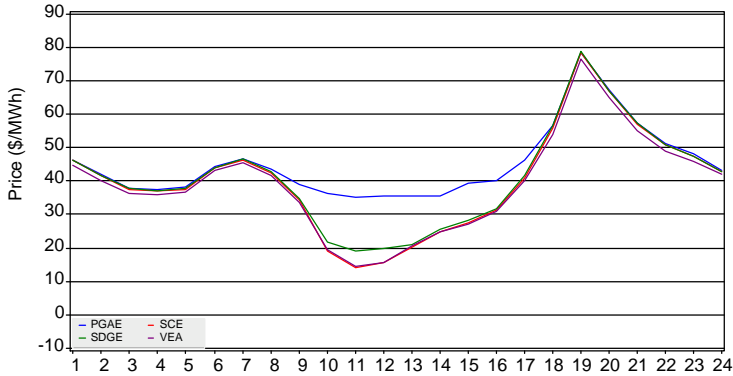


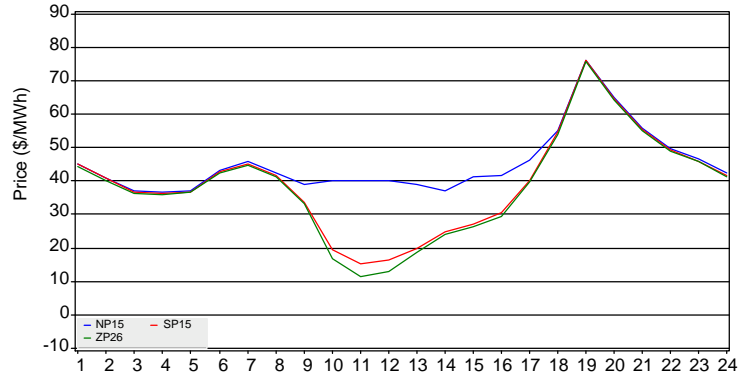
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(Note: An explanation of all metrics is available in the Day-Ahead Daily Market Watch Metric Catalog at <http://www.caiso.com/Documents/Day-AheadDailyMarketWatchMetricCatalog.pdf>)

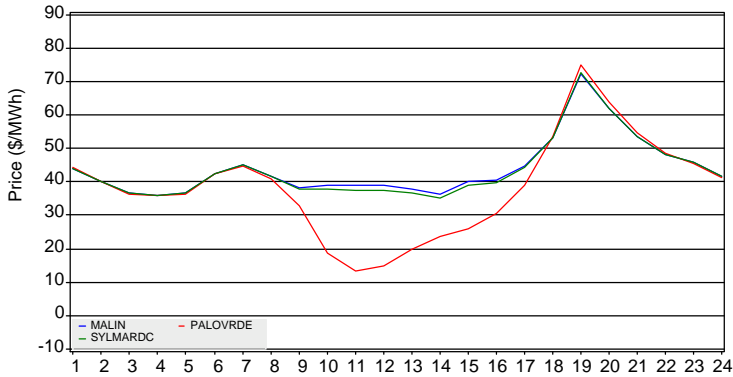
**IFM Default LAP LMPs**



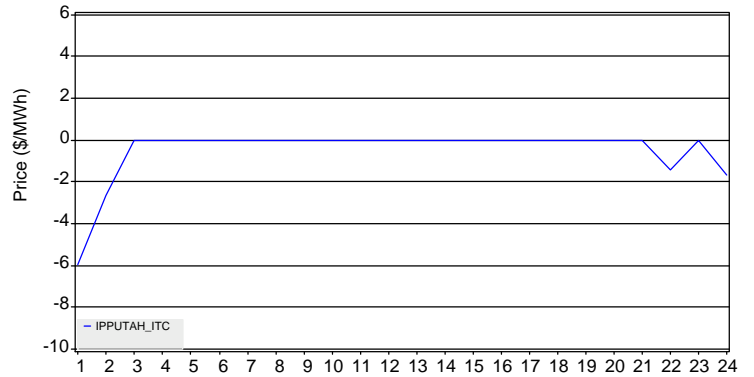
**IFM Trading Hub LMPs**



**Selected IFM Tie Point LMPs**



**Selected IFM Intertie Shadow Prices**



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

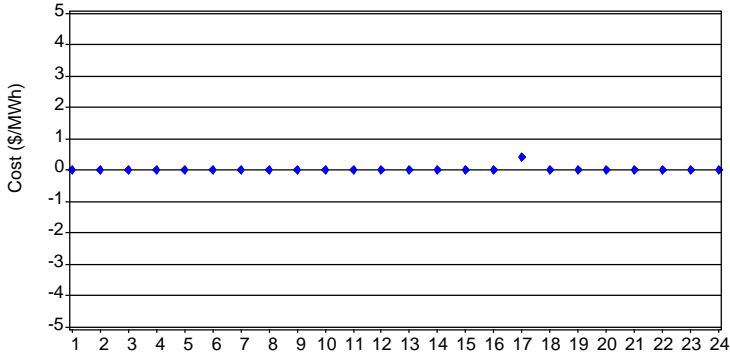
	NP15			SP15			ZP26			PGAE			SCE			SDGE			VEA		
	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min
<b>OFF</b>	76.23	45.16	36.61	76.14	39.17	15.27	75.54	38.33	11.40	78.54	45.03	35.13	78.54	40.00	14.13	78.87	40.79	19.23	76.45	39.13	14.44

**Selected IFM Intertie Congestion Rents**

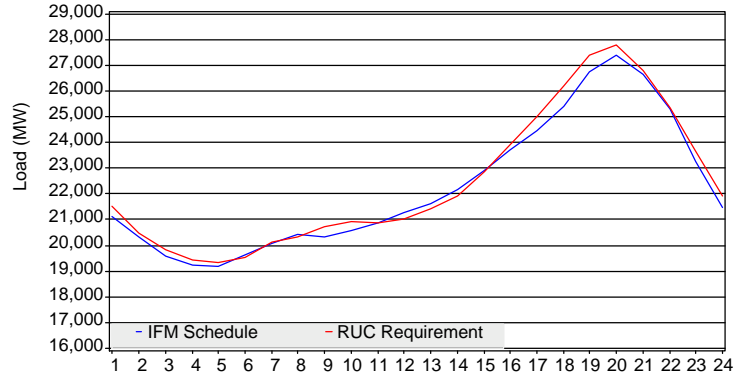
Inter-Tie	Import Rent	Export Rent	Total Rent	Total Rent Percent
IPPUTAH_ITC	\$2,227.18	\$0.00	\$2,227.18	100.00%

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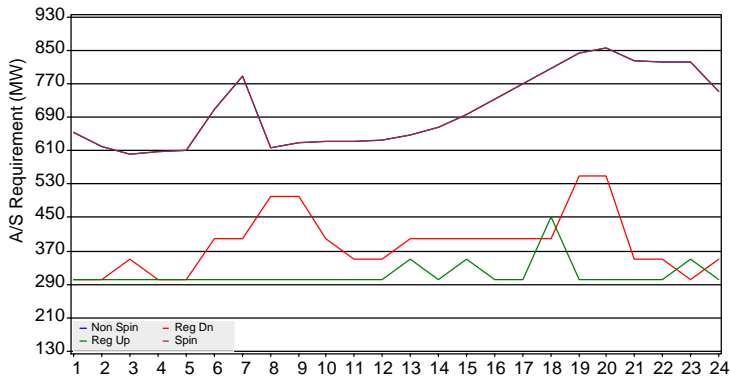
### RUC Cost to Underscheduled Load



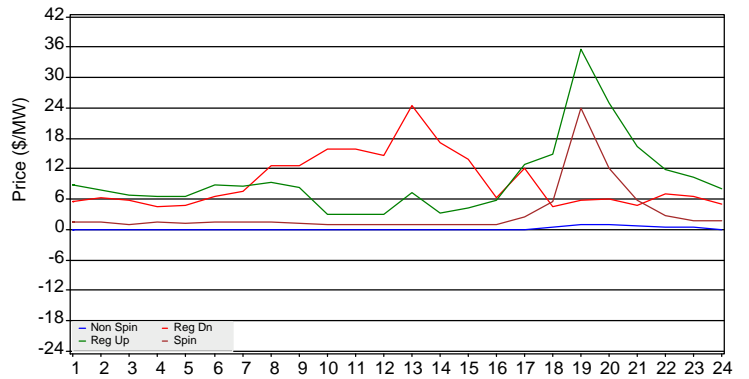
### IFM Cleared Quantity and RUC Requirement



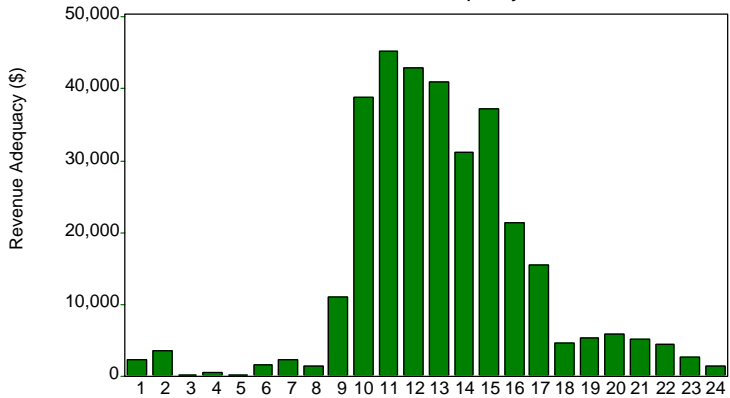
### A/S System Requirement



### A/S Average Price



### CRR Revenue Adequacy



### CRR Statistics

	21OCT2018	Cumulative
CONGESTION RENT	\$411,139.31	\$13,573,536.18
CRR PAYMENT	\$84,941.74	\$10,079,247.88
PERFECT HEDGE	.	\$538,101.75
CLAW BACK	.	\$80,671.11
CRR ADEQUACY	\$326,197.57	\$3,036,857.66
ADEQUACY RATIO	484.03%	127.84%
AUCTION REVENUES	.	\$6,269,681.67
BALANCE ACCOUNT	.	\$9,306,539.33

\*The cumulative cost of perfect hedge is between 01OCT2018 and 18OCT2018

\*The cumulative cost of claw back is between 01OCT2018 and 18OCT2018