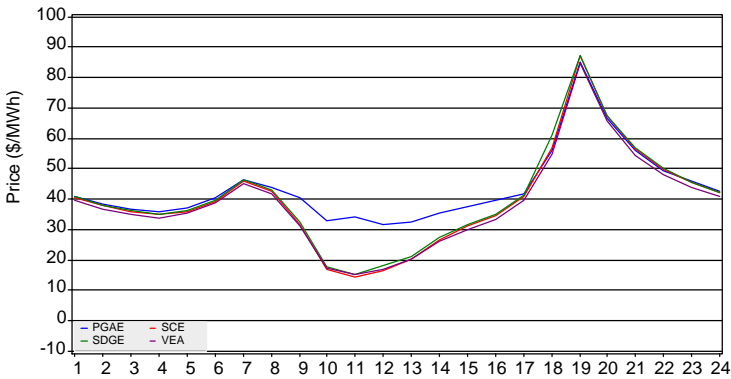


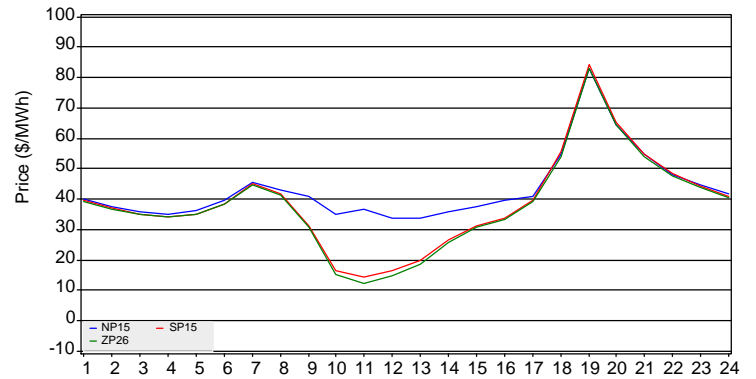
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(Note: An explanation of all metrics is available in the Day-Ahead Daily Market Watch Metric Catalog at <http://www.caiso.com/Documents/Day-AheadDailyMarketWatchMetricCatalog.pdf>)

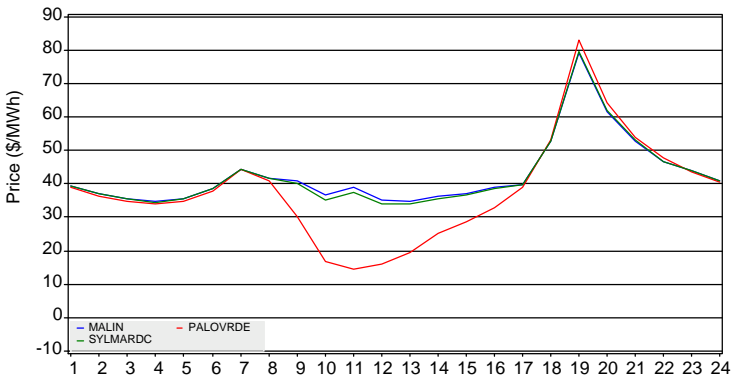
**IFM Default LAP LMPs**



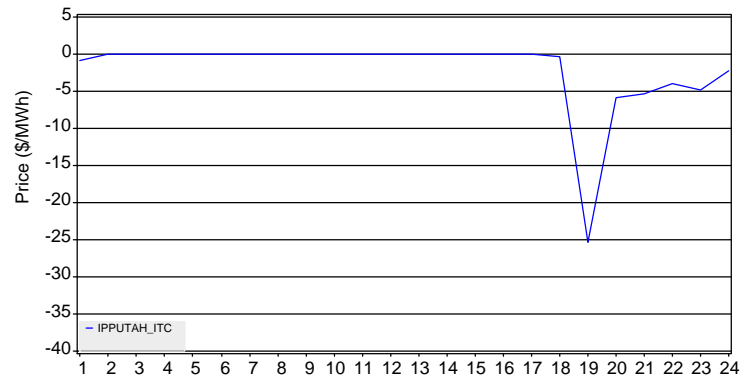
**IFM Trading Hub LMPs**



**Selected IFM Tie Point LMPs**



**Selected IFM Intertie Shadow Prices**



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

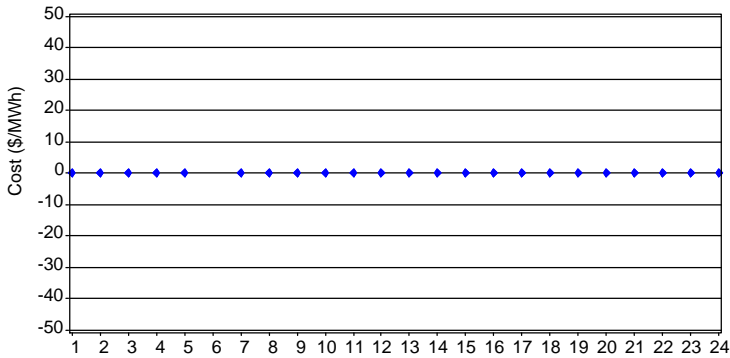
	NP15			SP15			ZP26			PG&E			SCE			SDGE			VEA		
	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min
<b>OFF</b>	44.79	38.92	35.16	44.41	38.13	34.19	43.89	37.85	34.02	45.90	39.77	35.87	45.64	39.10	35.04	45.66	39.23	35.21	44.00	38.05	33.93
<b>ON</b>	82.92	45.48	33.70	84.38	39.08	14.35	83.20	38.17	12.47	85.32	45.60	31.84	87.11	39.98	14.25	87.27	40.77	15.34	84.90	39.09	15.31

**Selected IFM Intertie Congestion Rents**

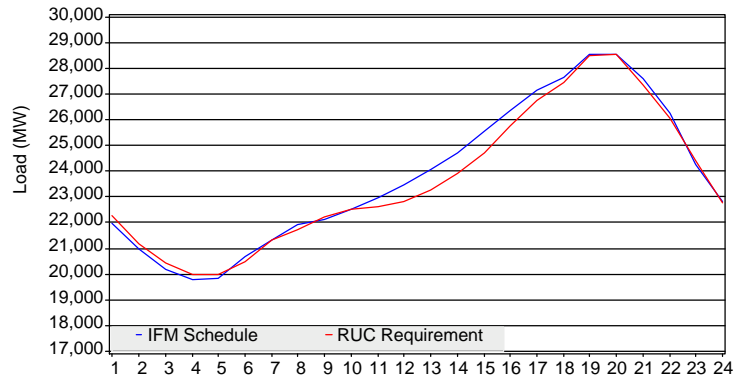
Inter-Tie	Import Rent	Export Rent	Total Rent	Total Rent Percent
IPPUTAH_ITC	\$8,105.01	\$0.00	\$8,105.01	100.00%

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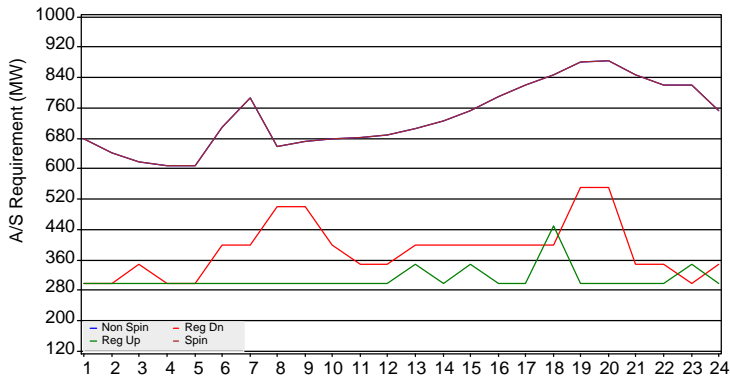
### RUC Cost to Underscheduled Load



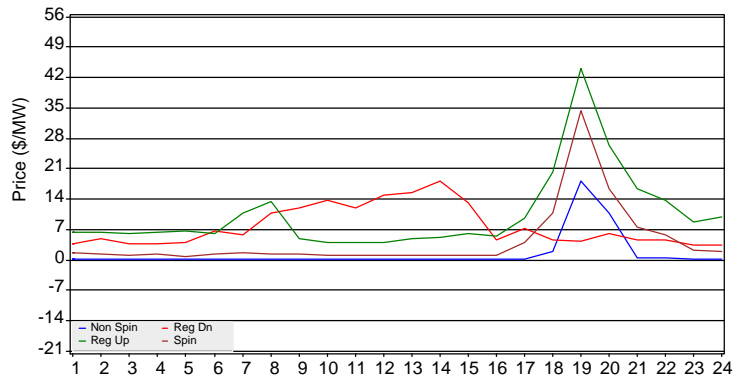
### IFM Cleared Quantity and RUC Requirement



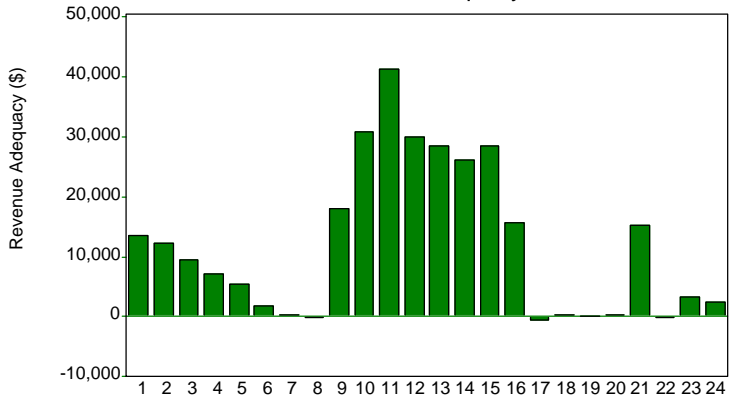
### A/S System Requirement



### A/S Average Price



### CRR Revenue Adequacy



### CRR Statistics

	20OCT2018	Cumulative
CONGESTION RENT	\$458,481.10	\$13,620,877.97
CRR PAYMENT	\$170,300.24	\$10,164,606.39
PERFECT HEDGE	.	\$538,101.75
CLAW BACK	.	\$80,671.11
CRR ADEQUACY	\$288,180.86	\$2,998,840.94
ADEQUACY RATIO	269.22%	127.27%
AUCTION REVENUES	.	\$6,269,681.67
BALANCE ACCOUNT	.	\$9,268,522.62

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

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