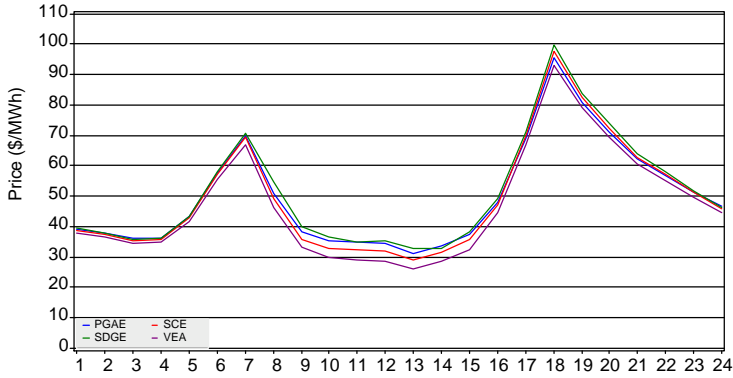


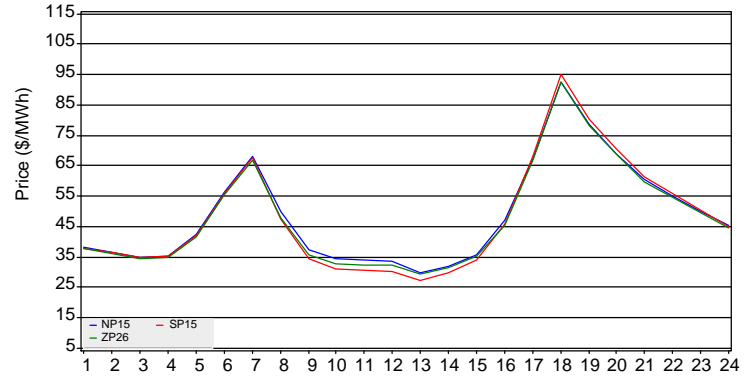
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(Note: An explanation of all metrics is available in the Day-Ahead Daily Market Watch Metric Catalog at <http://www.caiso.com/Documents/Day-AheadDailyMarketWatchMetricCatalog.pdf>)

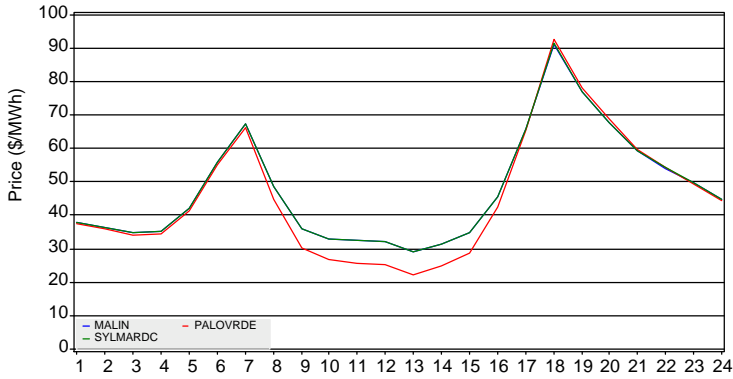
**IFM Default LAP LMPs**



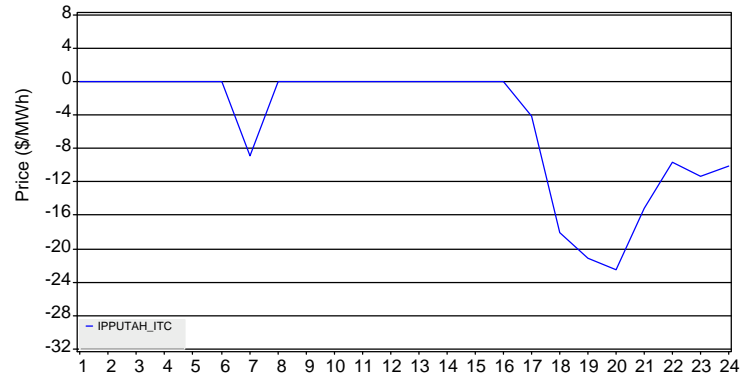
**IFM Trading Hub LMPs**



**Selected IFM Tie Point LMPs**



**Selected IFM Intertie Shadow Prices**



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

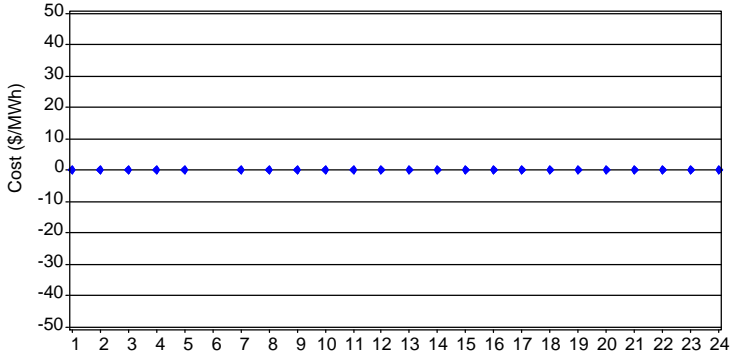
	NP15			SP15			ZP26			PG&E			SCE			SDGE			VEA		
	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min
<b>OFF</b>	56.32	42.43	35.02	56.04	42.23	34.77	55.52	41.79	34.49	57.78	43.61	36.02	57.37	43.20	35.55	58.13	43.63	35.88	55.71	41.96	34.64
<b>ON</b>	92.71	51.63	29.87	95.13	50.63	27.41	92.72	50.68	29.27	95.63	53.14	31.29	97.62	52.37	29.17	99.66	54.74	32.71	93.14	49.36	25.91

**Selected IFM Intertie Congestion Rents**

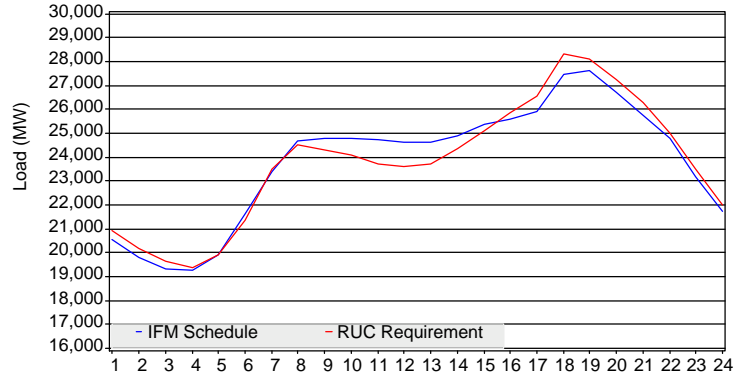
Inter-Tie	Import Rent	Export Rent	Total Rent	Total Rent Percent
IPPUTAH_ITC	\$22,846.59	\$0.00	\$22,846.59	100.00%

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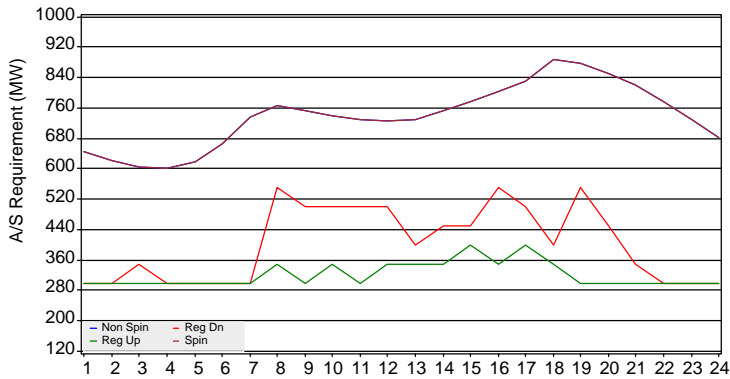
### RUC Cost to Underscheduled Load



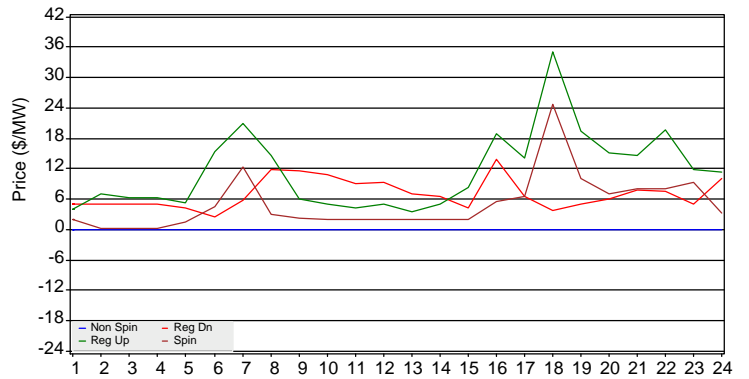
### IFM Cleared Quantity and RUC Requirement



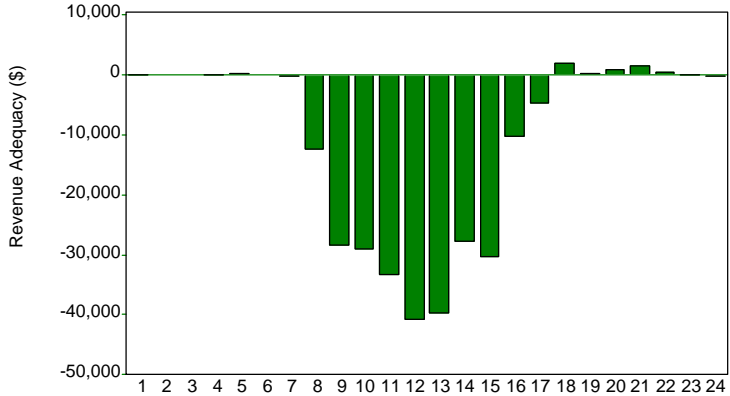
### A/S System Requirement



### A/S Average Price



### CRR Revenue Adequacy



### CRR Statistics

	09NOV2018	Cumulative
CONGESTION RENT	\$515,467.88	\$11,314,685.28
CRR PAYMENT	\$767,515.53	\$15,225,247.88
PERFECT HEDGE	.	\$280,977.26
CLAW BACK	.	\$52,779.17
CRR ADEQUACY	-\$252,047.66	-\$4,138,760.70
ADEQUACY RATIO	67.16%	72.97%
AUCTION REVENUES	.	\$7,753,511.72
BALANCE ACCOUNT	.	\$3,614,751.03

\*The cumulative cost of perfect hedge is between 01NOV2018 and 06NOV2018

\*The cumulative cost of claw back is between 01NOV2018 and 06NOV2018