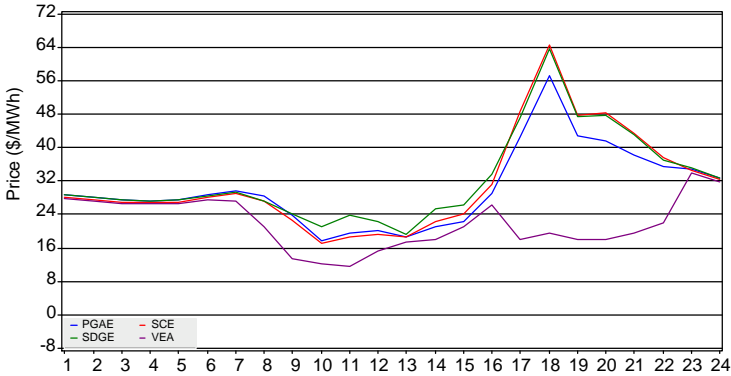


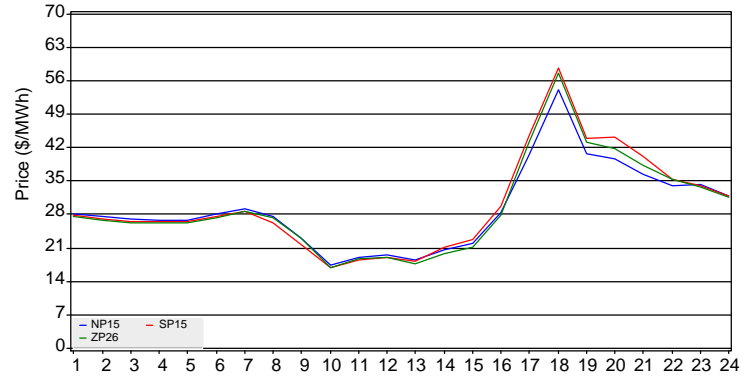
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(Note: An explanation of all metrics is available in the Day-Ahead Daily Market Watch Metric Catalog at <http://www.caiso.com/Documents/Day-AheadDailyMarketWatchMetricCatalog.pdf>)

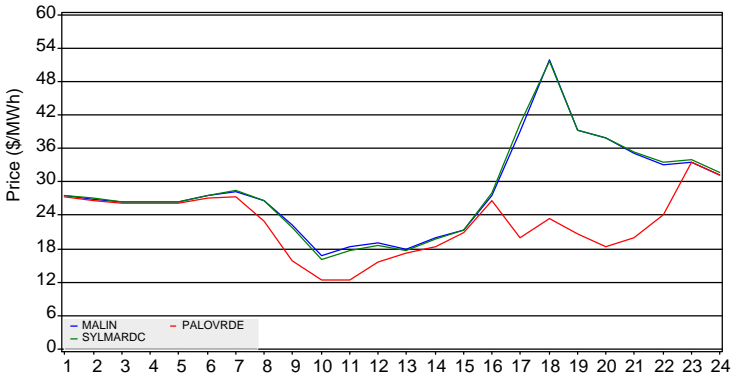
**IFM Default LAP LMPs**



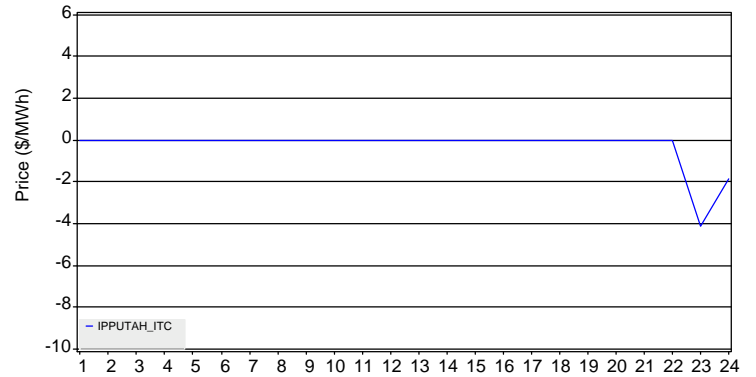
**IFM Trading Hub LMPs**



**Selected IFM Tie Point LMPs**



**Selected IFM Intertie Shadow Prices**



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

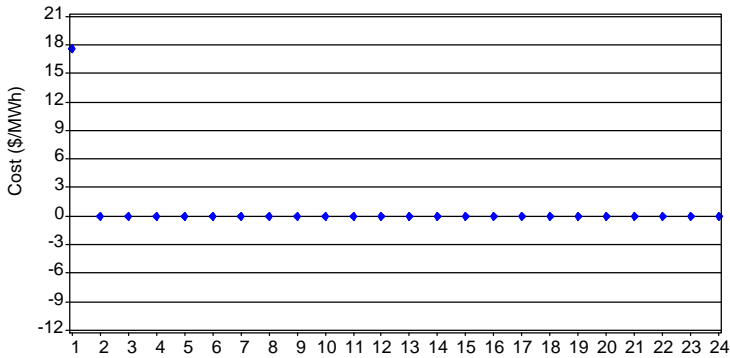
	NP15			SP15			ZP26			PG&E			SCE			SDGE			VEA		
	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min
<b>OFF</b>	34.24	28.84	26.89	34.10	28.55	26.54	33.74	28.22	26.19	35.01	29.40	27.34	34.69	28.98	26.90	35.04	29.36	27.30	33.97	28.44	26.48
<b>ON</b>	54.10	29.40	17.30	58.74	30.59	16.82	57.73	29.94	16.83	57.18	30.54	17.74	64.68	32.53	16.99	63.55	33.68	19.36	27.35	18.66	11.51

**Selected IFM Intertie Congestion Rents**

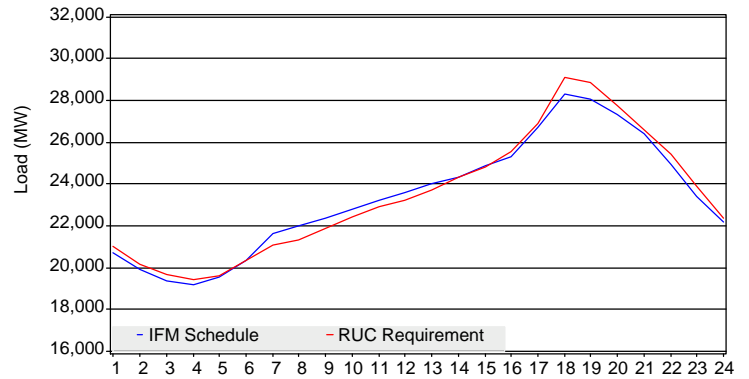
Inter-Tie	Import Rent	Export Rent	Total Rent	Total Rent Percent
IPPUTAH_ITC	\$1,214.73	\$0.00	\$1,214.73	100.00%

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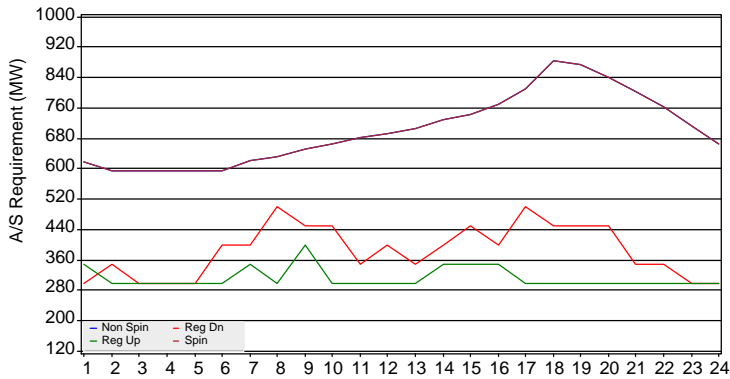
### RUC Cost to Underscheduled Load



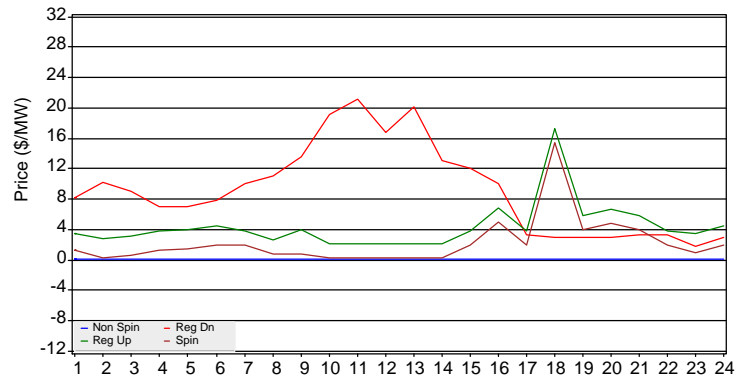
### IFM Cleared Quantity and RUC Requirement



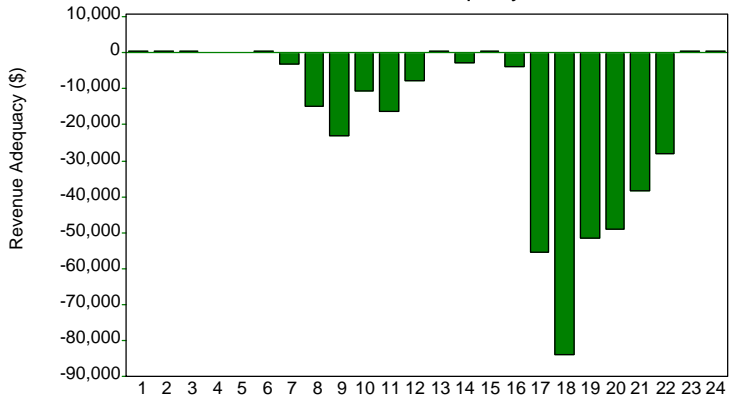
### A/S System Requirement



### A/S Average Price



### CRR Revenue Adequacy



### CRR Statistics

	24NOV2017	Cumulative
CONGESTION RENT	\$1,199,318.06	\$31,484,607.96
CRR PAYMENT	\$1,584,899.83	\$34,795,445.51
PERFECT HEDGE	.	\$1,258,834.54
CLAW BACK	.	\$4,235.22
CRR ADEQUACY	-\$385,581.77	-\$4,565,436.88
ADEQUACY RATIO	75.67%	87.33%
AUCTION REVENUES	.	\$5,531,648.63
BALANCE ACCOUNT	.	\$966,211.74

\*The cumulative cost of perfect hedge is between 01NOV2017 and 20NOV2017

\*The cumulative cost of claw back is between 01NOV2017 and 19NOV2017