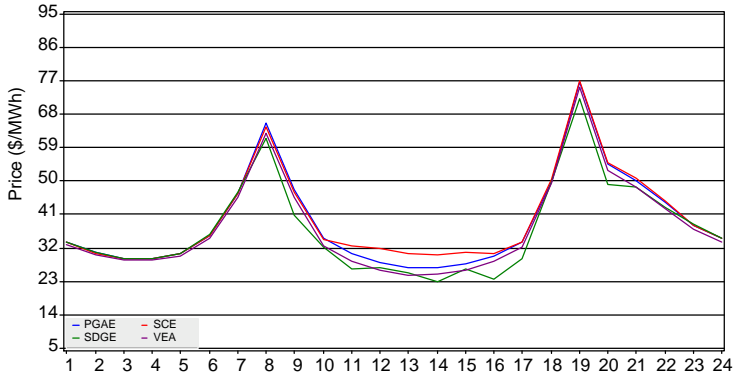


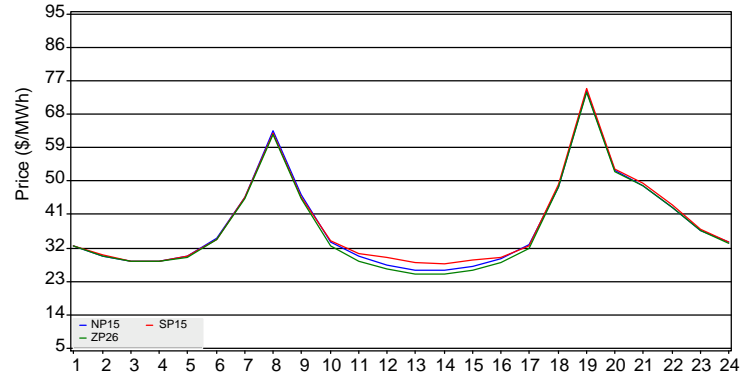
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(Note: An explanation of all metrics is available in the Day-Ahead Daily Market Watch Metric Catalog at <http://www.caiso.com/Documents/Day-AheadDailyMarketWatchMetricCatalog.pdf>)

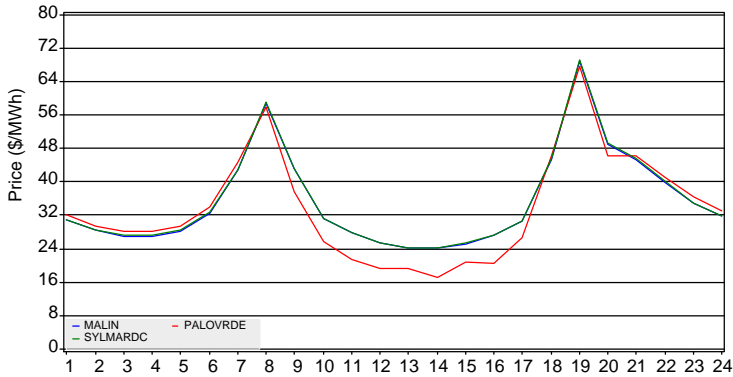
**IFM Default LAP LMPs**



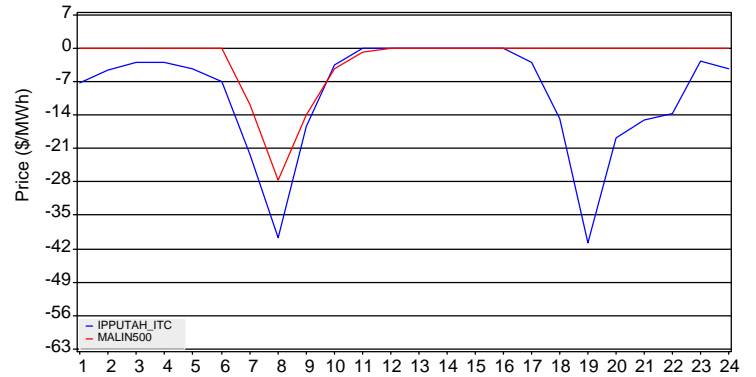
**IFM Trading Hub LMPs**



**Selected IFM Tie Point LMPs**



**Selected IFM Intertie Shadow Prices**



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

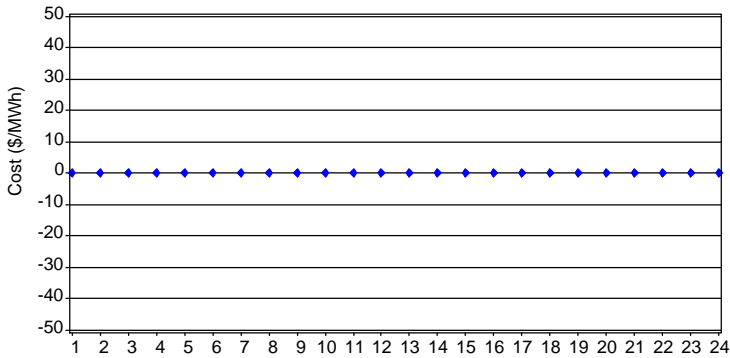
	NP15			SP15			ZP26			PG&E			SCE			SDGE			VEA		
	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min
<b>OFF</b>	36.82	31.73	28.38	37.07	31.81	28.51	36.64	31.56	28.26	37.91	32.64	29.18	38.12	32.56	29.08	38.25	32.71	29.19	36.99	31.93	28.67
<b>ON</b>	74.29	40.89	25.84	75.00	41.55	27.70	74.01	40.17	24.82	76.51	42.07	26.56	77.05	43.14	29.98	72.14	39.00	22.79	75.18	40.37	24.79

**Selected IFM Intertie Congestion Rents**

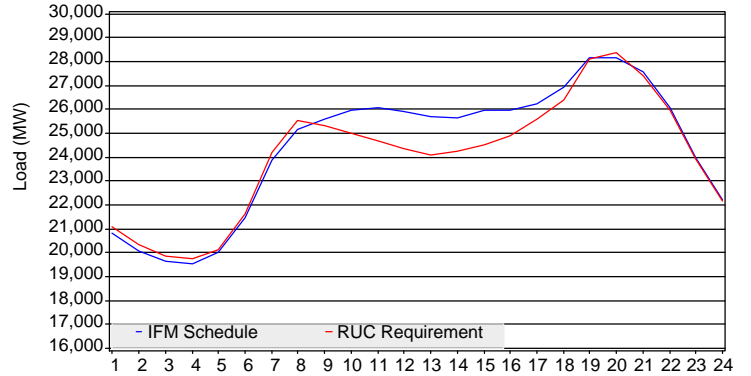
Inter-Tie	Import Rent	Export Rent	Total Rent	Total Rent Percent
MALIN500	\$115,167.78	\$0.00	\$115,167.78	71.81%
IPPUTAH_ITC	\$45,206.65	\$0.00	\$45,206.65	28.19%

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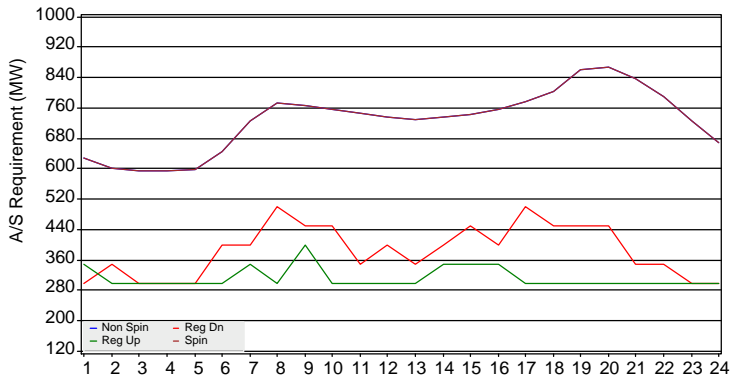
### RUC Cost to Underscheduled Load



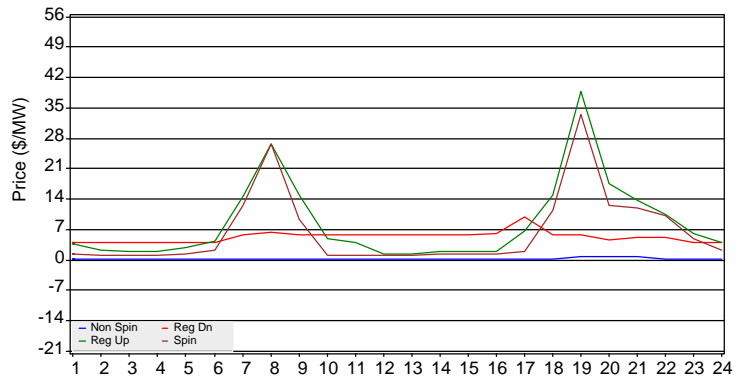
### IFM Cleared Quantity and RUC Requirement



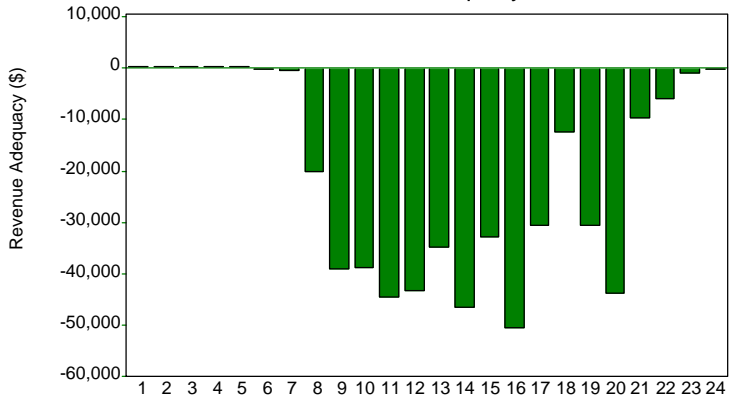
### A/S System Requirement



### A/S Average Price



### CRR Revenue Adequacy



### CRR Statistics

	01NOV2017	Cumulative
CONGESTION RENT	\$362,257.58	\$362,257.58
CRR PAYMENT	\$846,912.30	\$846,912.30
PERFECT HEDGE	.	\$0.00
CLAW BACK	.	\$0.00
CRR ADEQUACY	\$-484,654.72	\$-484,654.72
ADEQUACY RATIO	42.77%	42.77%
AUCTION REVENUES	.	\$5,531,648.63
BALANCE ACCOUNT	.	\$5,046,993.90

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

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