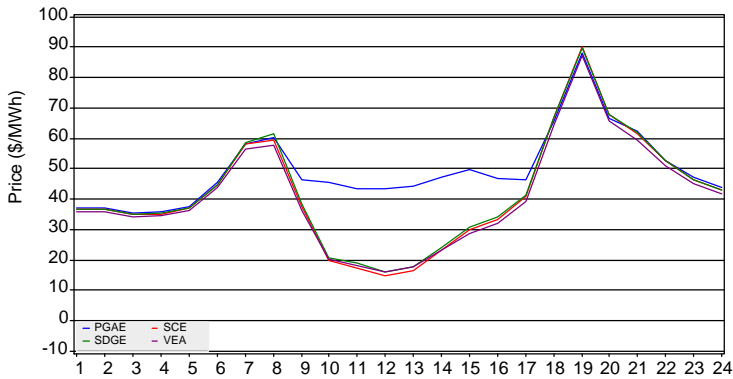


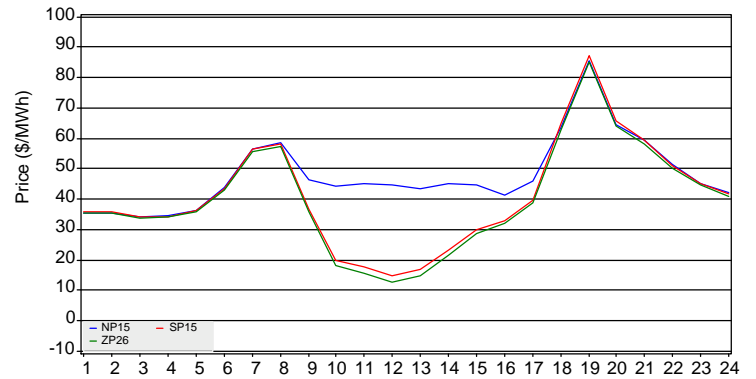
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(Note: An explanation of all metrics is available in the Day-Ahead Daily Market Watch Metric Catalog at <http://www.caiso.com/Documents/Day-AheadDailyMarketWatchMetricCatalog.pdf>)

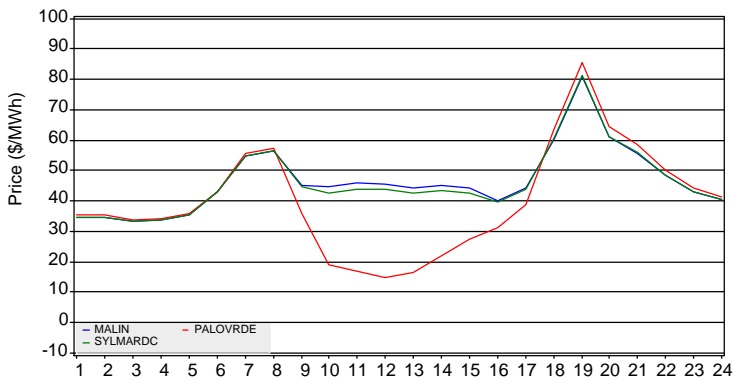
**IFM Default LAP LMPs**



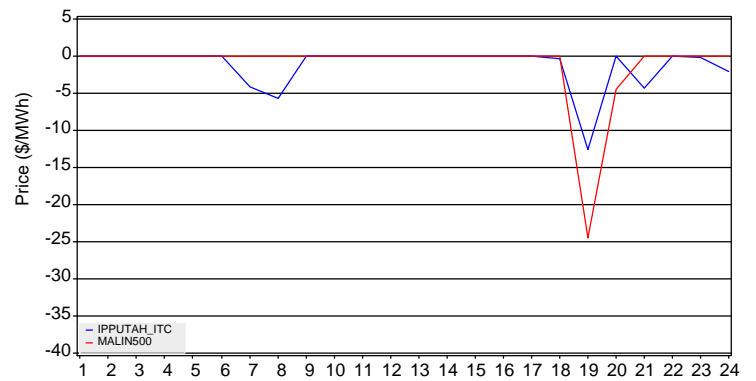
**IFM Trading Hub LMPs**



**Selected IFM Tie Point LMPs**



**Selected IFM Intertie Shadow Prices**



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

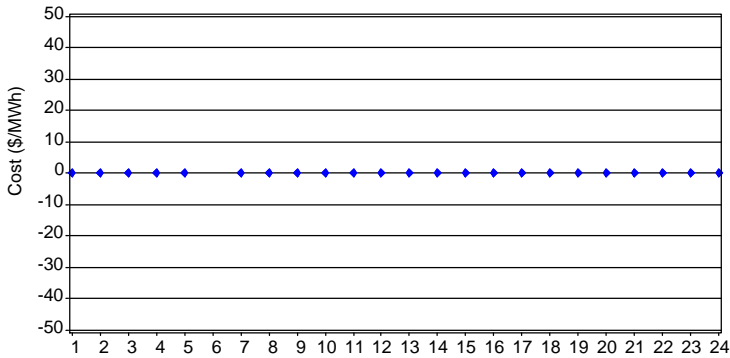
	NP15			SP15			ZP26			PG&E			SCE			SDGE			VEA		
	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min
<b>OFF</b>	45.00	38.39	34.33	44.99	38.28	34.08	44.53	37.88	33.72	47.44	40.03	35.61	46.51	39.35	34.96	46.24	39.41	35.10	45.26	38.50	34.31
<b>ON</b>	85.44	52.61	41.41	87.13	42.17	15.00	85.19	40.76	12.79	88.19	54.22	43.53	90.04	43.17	14.91	89.91	43.88	16.08	87.09	42.21	16.09

**Selected IFM Intertie Congestion Rents**

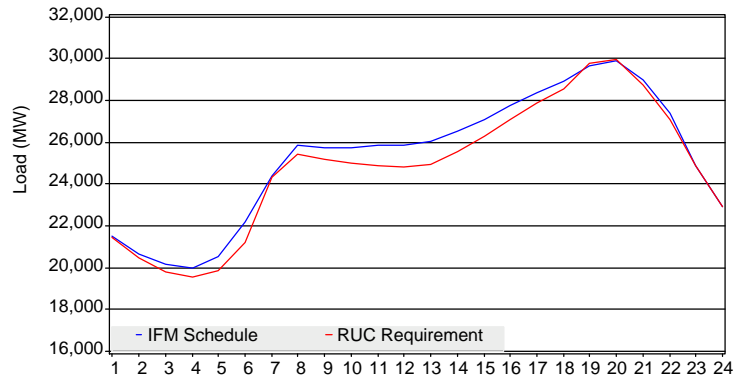
Inter-Tie	Import Rent	Export Rent	Total Rent	Total Rent Percent
MALIN500	\$55,966.66	\$0.00	\$55,966.66	92.78%
IPPUTAH_ITC	\$4,354.14	\$0.00	\$4,354.14	7.22%

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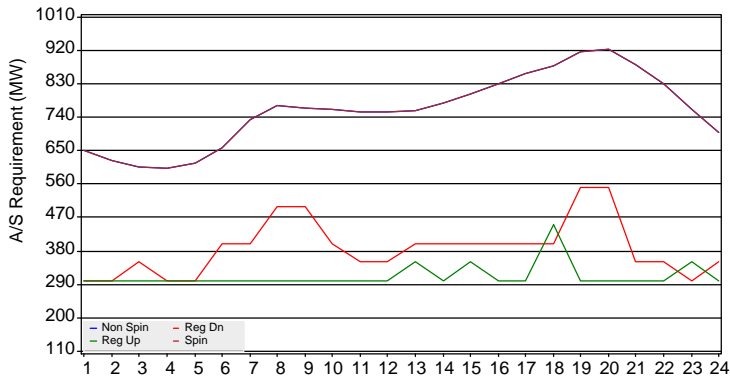
### RUC Cost to Underscheduled Load



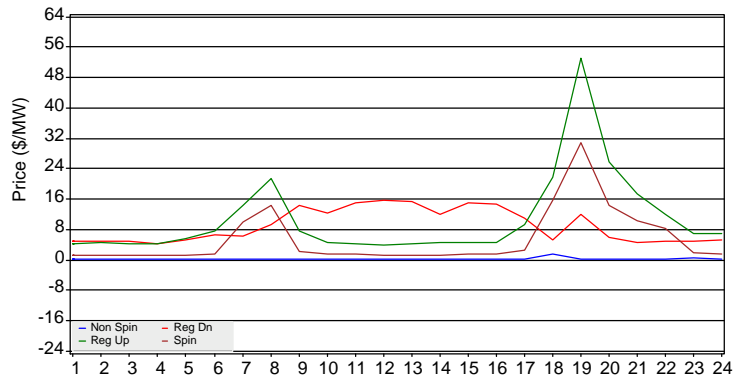
### IFM Cleared Quantity and RUC Requirement



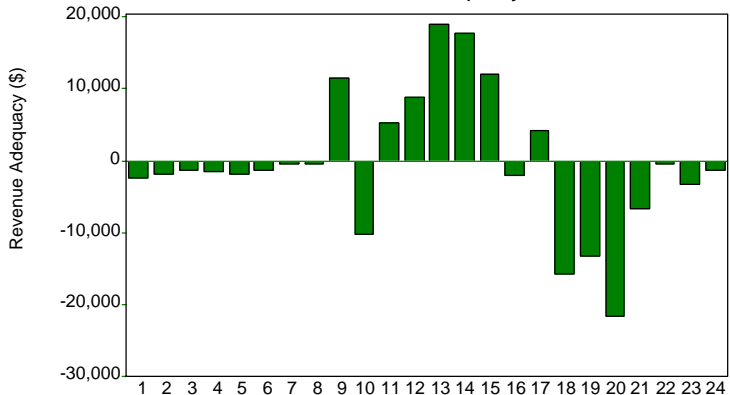
### A/S System Requirement



### A/S Average Price



### CRR Revenue Adequacy



### CRR Statistics

	23OCT2018	Cumulative
CONGESTION RENT	\$652,806.89	\$14,630,245.62
CRR PAYMENT	\$660,247.02	\$11,163,548.86
PERFECT HEDGE	.	\$547,925.51
CLAW BACK	.	\$86,436.55
CRR ADEQUACY	-\$7,440.12	\$3,005,207.80
ADEQUACY RATIO	98.87%	124.92%
AUCTION REVENUES	.	\$6,269,681.67
BALANCE ACCOUNT	.	\$9,274,889.48

\*The cumulative cost of perfect hedge is between 01OCT2018 and 19OCT2018

\*The cumulative cost of claw back is between 01OCT2018 and 19OCT2018