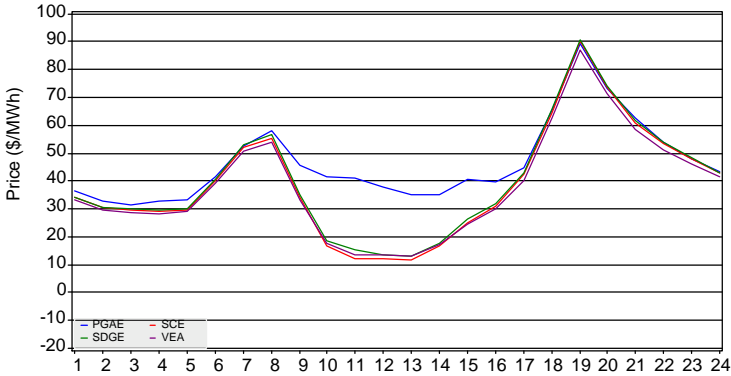


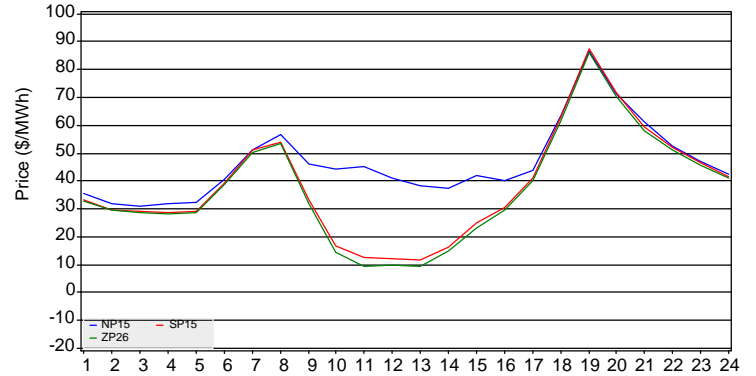
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(Note: An explanation of all metrics is available in the Day-Ahead Daily Market Watch Metric Catalog at <http://www.caiso.com/Documents/Day-AheadDailyMarketWatchMetricCatalog.pdf>)

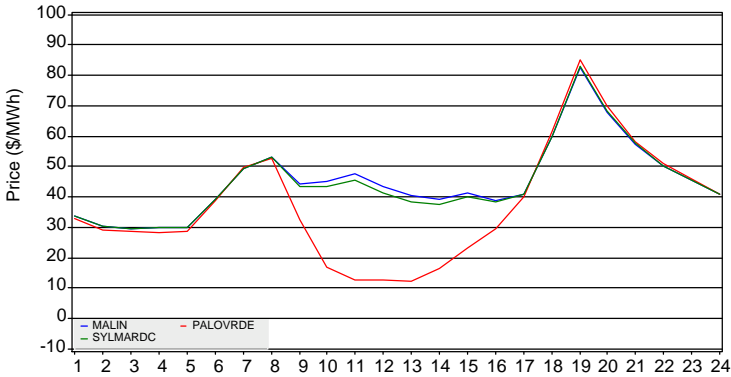
**IFM Default LAP LMPs**



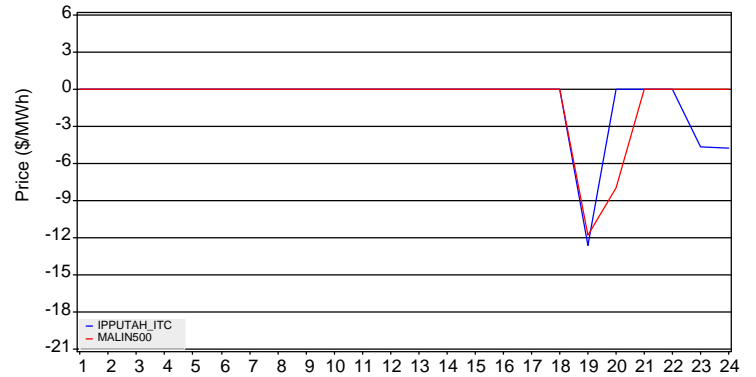
**IFM Trading Hub LMPs**



**Selected IFM Tie Point LMPs**



**Selected IFM Intertie Shadow Prices**



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

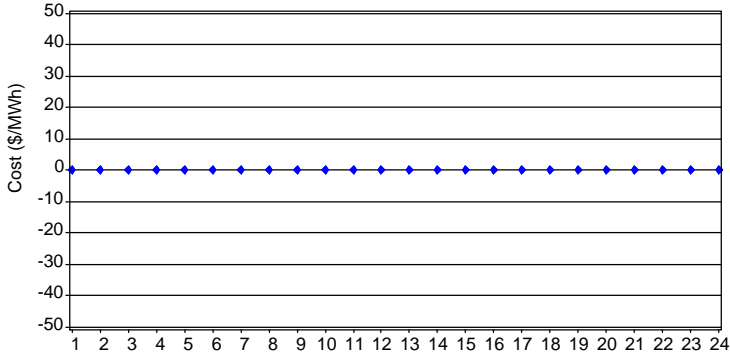
	NP15			SP15			ZP26			PG&E			SCE			SDGE			VEA		
	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min
<b>OFF</b>	46.88	36.45	30.78	46.70	34.64	28.57	45.89	34.27	28.25	48.15	37.43	31.44	48.03	35.51	29.22	48.32	35.75	29.38	46.10	34.49	28.31
<b>ON</b>	86.64	51.33	37.63	87.46	39.84	11.76	85.99	38.38	9.42	89.23	51.06	34.96	90.10	40.80	11.88	90.90	41.93	13.03	87.04	39.88	13.12

**Selected IFM Intertie Congestion Rents**

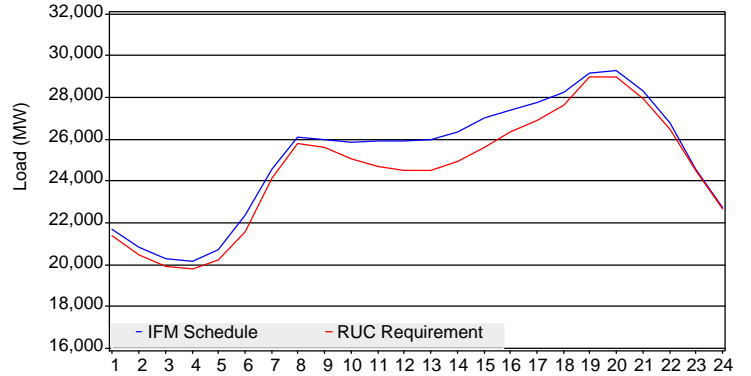
Inter-Tie	Import Rent	Export Rent	Total Rent	Total Rent Percent
MALIN500	\$33,566.57	\$0.00	\$33,566.57	89.96%
IPPUTAH_ITC	\$3,745.13	\$0.00	\$3,745.13	10.04%

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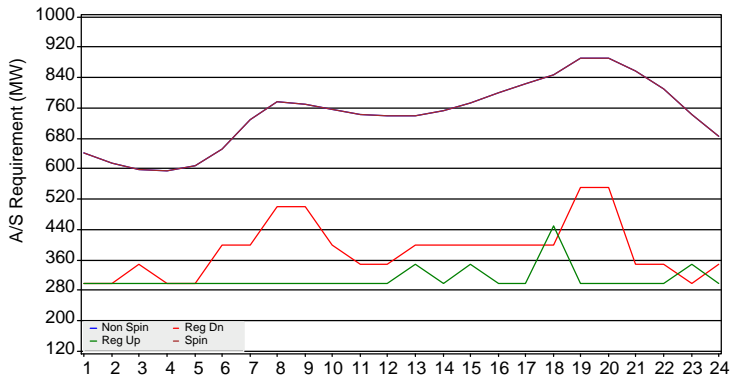
### RUC Cost to Underscheduled Load



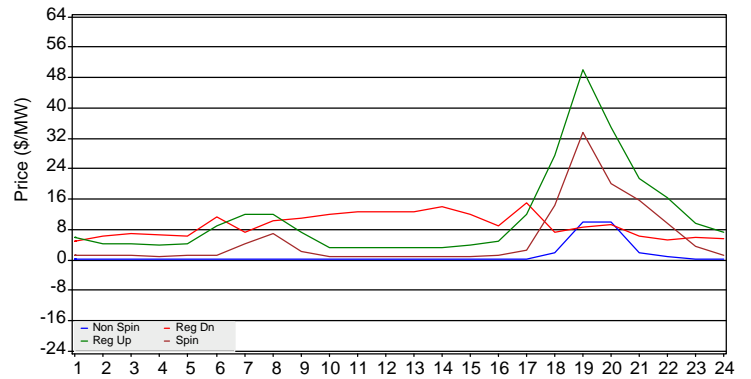
### IFM Cleared Quantity and RUC Requirement



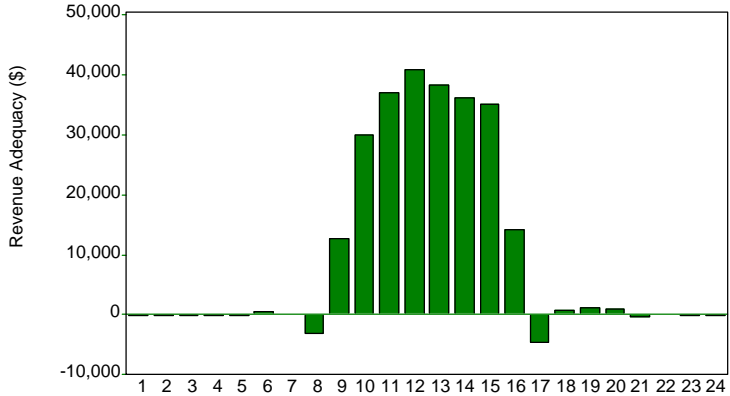
### A/S System Requirement



### A/S Average Price



### CRR Revenue Adequacy



### CRR Statistics

	30OCT2018	Cumulative
CONGESTION RENT	\$627,715.81	\$19,699,210.65
CRR PAYMENT	\$389,115.36	\$15,014,397.36
PERFECT HEDGE	.	\$663,022.27
CLAW BACK	.	\$129,281.57
CRR ADEQUACY	\$238,600.44	\$4,151,072.59
ADEQUACY RATIO	161.32%	125.65%
AUCTION REVENUES	.	\$6,269,681.67
BALANCE ACCOUNT	.	\$10,420,754.27

\*The cumulative cost of perfect hedge is between 01OCT2018 and 25OCT2018

\*The cumulative cost of claw back is between 01OCT2018 and 25OCT2018