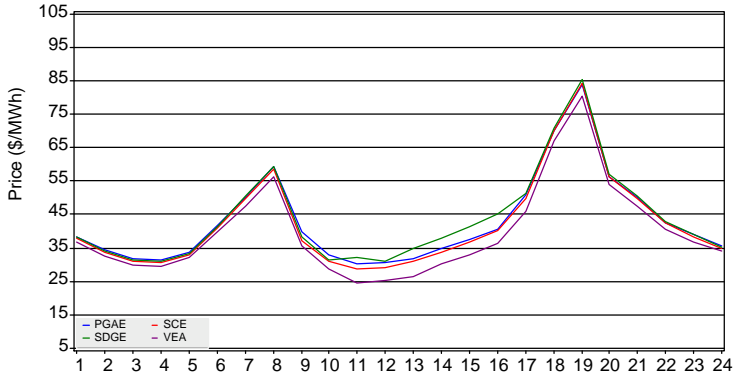


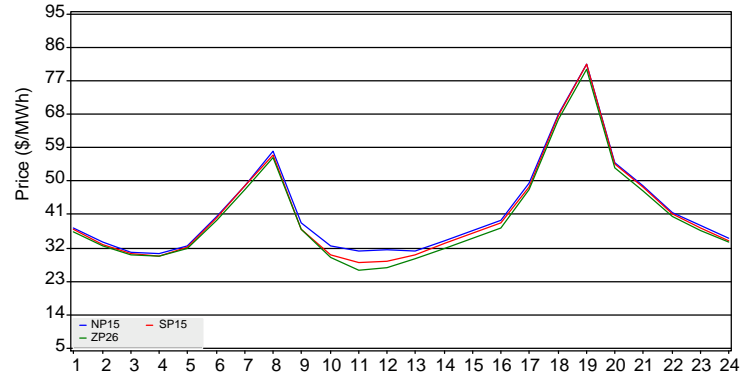
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(Note: An explanation of all metrics is available in the Day-Ahead Daily Market Watch Metric Catalog at <http://www.caiso.com/Documents/Day-AheadDailyMarketWatchMetricCatalog.pdf>)

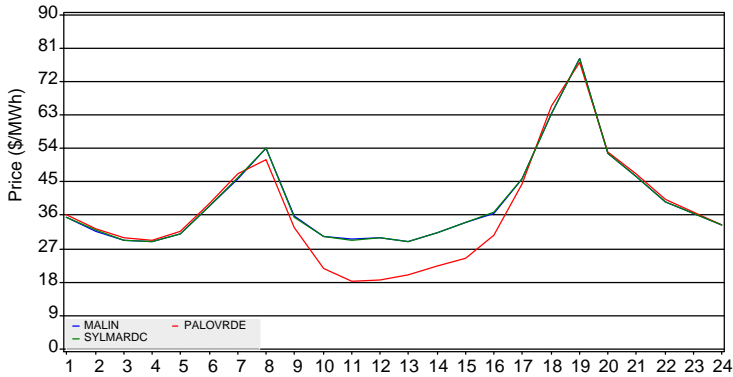
**IFM Default LAP LMPs**



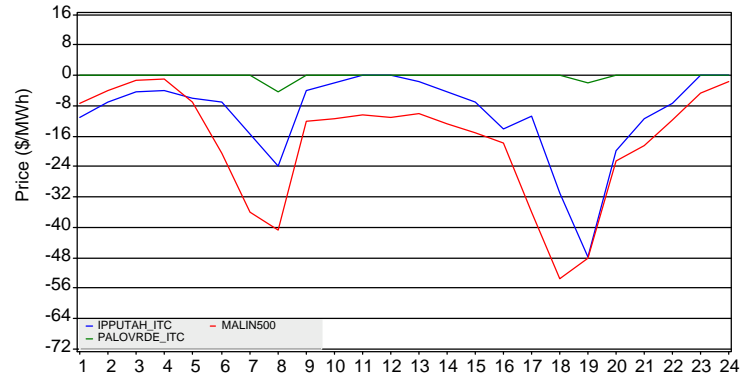
**IFM Trading Hub LMPs**



**Selected IFM Tie Point LMPs**



**Selected IFM Intertie Shadow Prices**



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

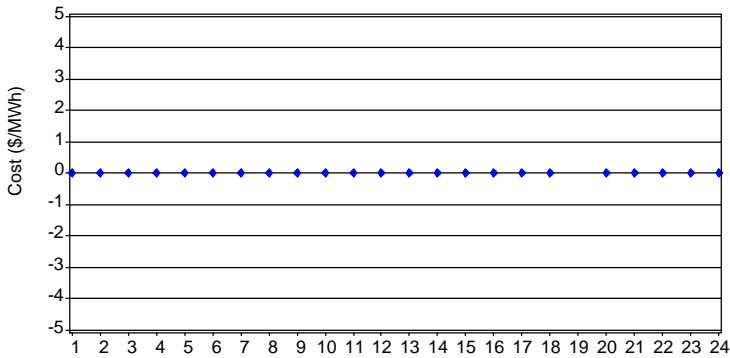
	NP15			SP15			ZP26			PG&E			SCE			SDGE			VEA		
	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min
<b>OFF</b>	40.58	34.78	30.54	40.06	34.25	29.96	39.51	33.78	29.64	41.60	35.65	31.31	41.02	35.05	30.59	41.51	35.45	30.89	39.86	33.93	29.51
<b>ON</b>	81.51	45.43	31.13	81.60	44.35	28.24	80.00	43.25	26.06	83.82	46.38	30.23	84.05	45.52	28.79	85.29	47.53	31.08	80.41	42.43	24.32

**Selected IFM Intertie Congestion Rents**

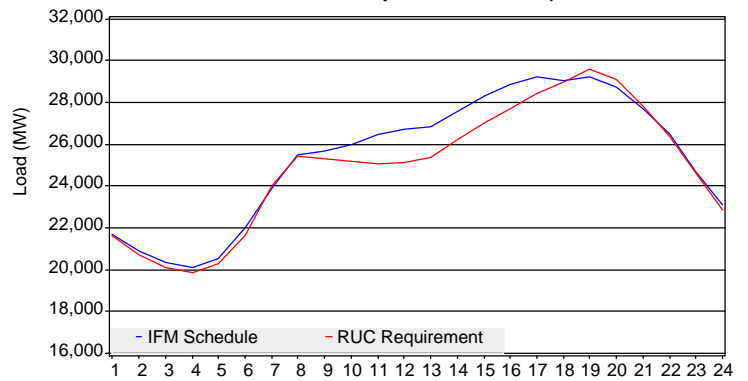
Inter-Tie	Import Rent	Export Rent	Total Rent	Total Rent Percent
MALIN500	\$883,298.95	\$0.00	\$883,298.95	93.41%
IPPUTAH_ITC	\$43,048.93	\$0.00	\$43,048.93	4.55%
PALOVRDE_ITC	\$19,248.96	\$0.00	\$19,248.96	2.04%

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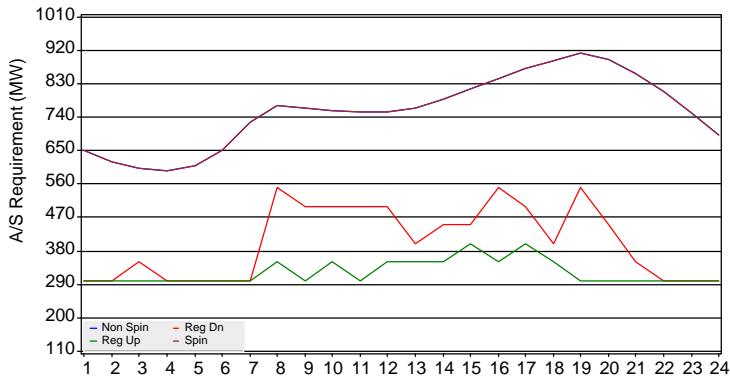
### RUC Cost to Underscheduled Load



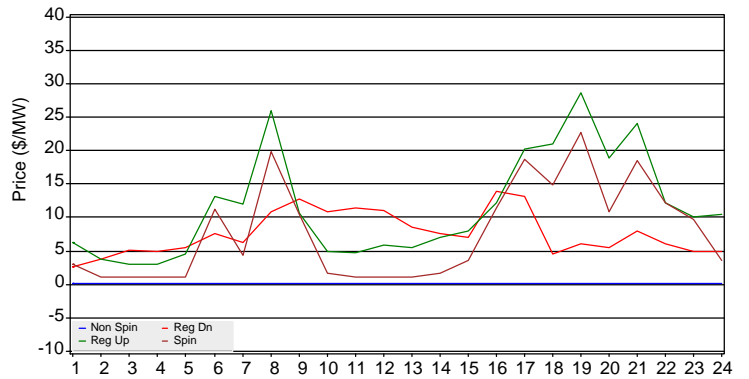
### IFM Cleared Quantity and RUC Requirement



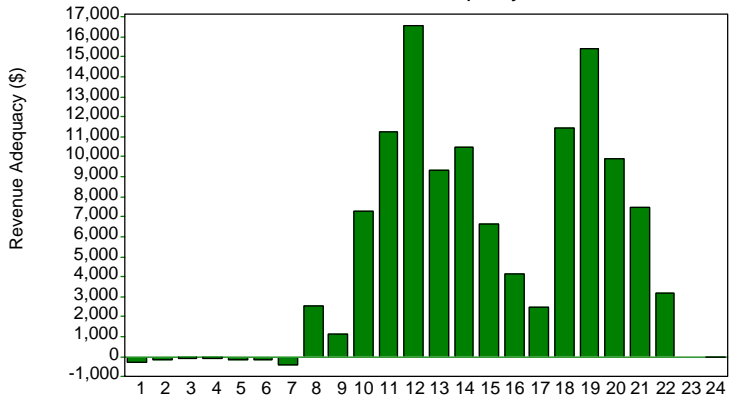
### A/S System Requirement



### A/S Average Price



### CRR Revenue Adequacy



### CRR Statistics

	02NOV2018	Cumulative
CONGESTION RENT	\$950,815.06	\$2,093,920.88
CRR PAYMENT	\$833,063.50	\$1,882,828.43
PERFECT HEDGE	.	\$0.00
CLAW BACK	.	\$0.00
CRR ADEQUACY	\$117,751.56	\$211,092.45
ADEQUACY RATIO	114.13%	111.21%
AUCTION REVENUES	.	\$7,753,511.72
BALANCE ACCOUNT	.	\$7,964,604.17

\*The cumulative cost of perfect hedge is between 01NOV2018 and 02NOV2018

\*The cumulative cost of claw back is between 01NOV2018 and 02NOV2018