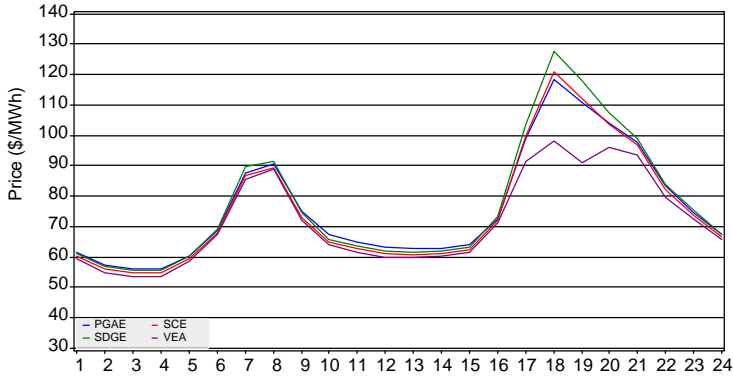


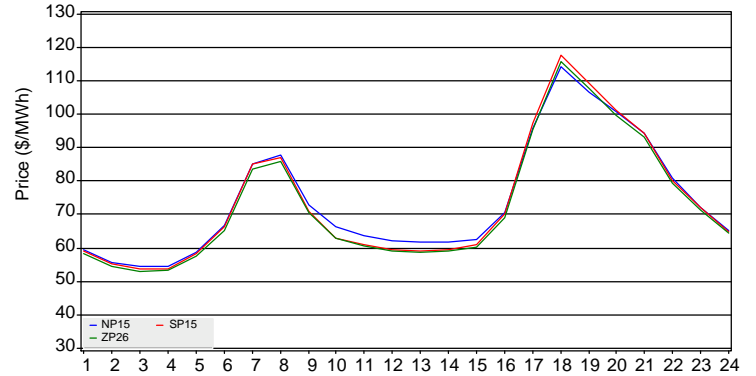
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(Note: An explanation of all metrics is available in the Day-Ahead Daily Market Watch Metric Catalog at <http://www.caiso.com/Documents/Day-AheadDailyMarketWatchMetricCatalog.pdf>)

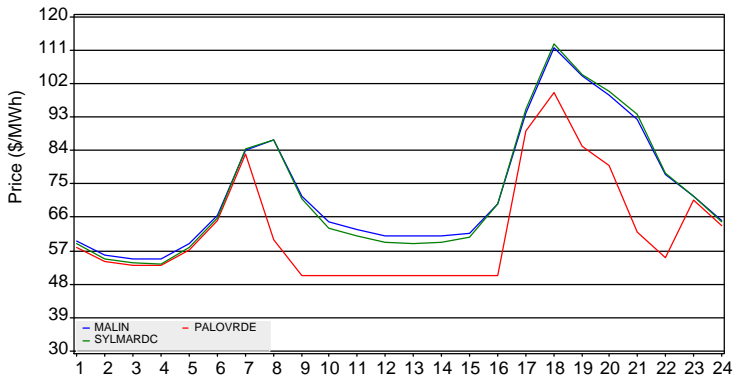
**IFM Default LAP LMPs**



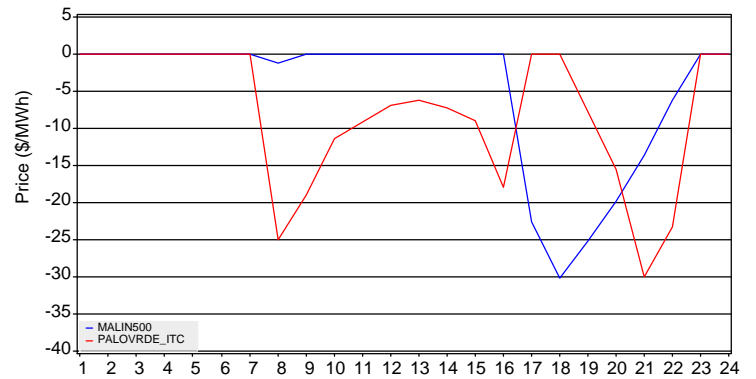
**IFM Trading Hub LMPs**



**Selected IFM Tie Point LMPs**



**Selected IFM Intertie Shadow Prices**



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

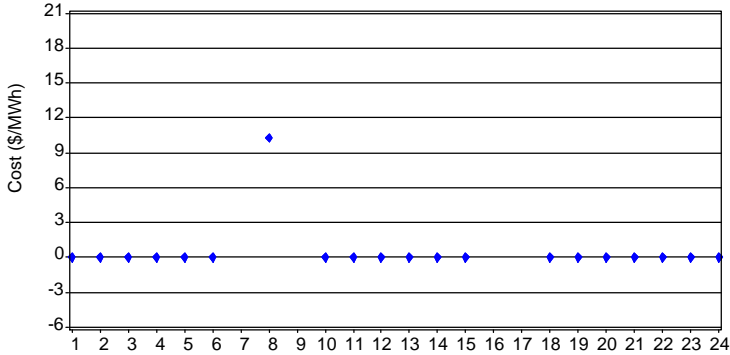
	NP15			SP15			ZP26			PG&E			SCE			SDGE			VEA		
	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min
<b>OFF</b>	71.97	60.85	54.48	72.06	60.41	53.84	71.15	59.64	53.13	74.55	62.74	56.03	73.72	61.63	54.84	75.42	62.77	55.65	72.38	60.80	53.77
<b>ON</b>	114.06	80.45	61.70	117.78	79.75	58.99	115.59	78.75	58.77	118.43	82.85	62.94	120.75	81.86	60.69	127.85	84.19	61.55	98.01	77.15	59.76

**Selected IFM Intertie Congestion Rents**

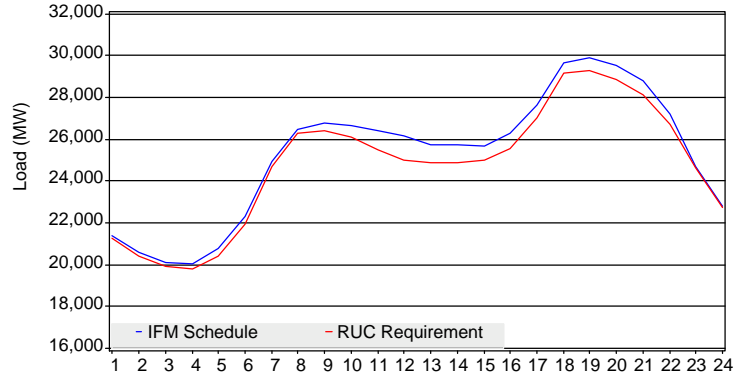
Inter-Tie	Import Rent	Export Rent	Total Rent	Total Rent Percent
PALOVRDE_ITC	\$588,193.56	\$0.00	\$588,193.56	70.20%
MALIN500	\$249,706.12	\$0.00	\$249,706.12	29.80%

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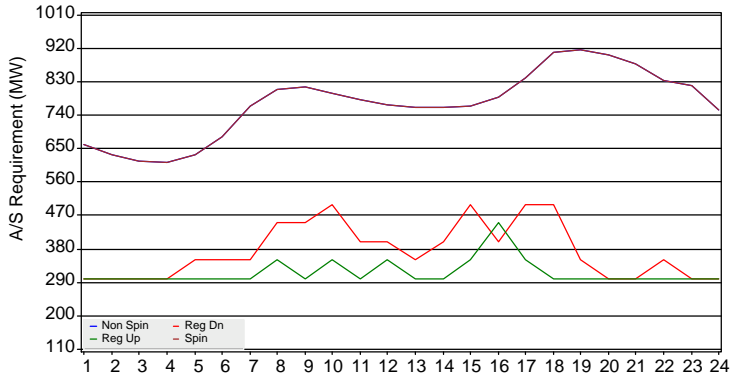
### RUC Cost to Underscheduled Load



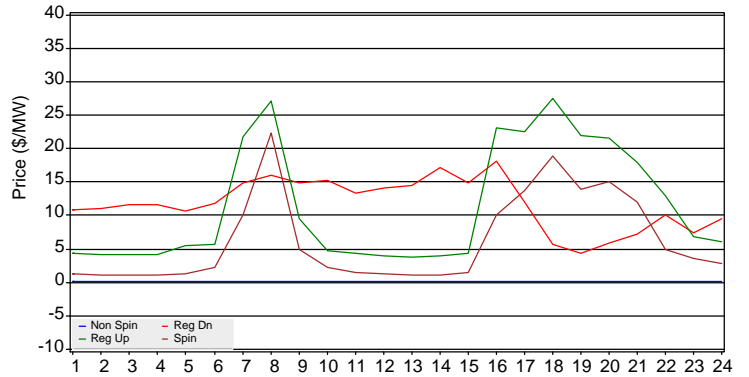
### IFM Cleared Quantity and RUC Requirement



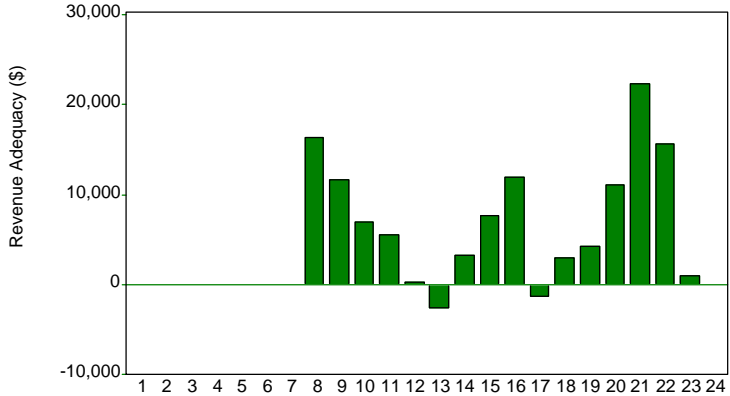
### A/S System Requirement



### A/S Average Price



### CRR Revenue Adequacy



### CRR Statistics

	06DEC2018	Cumulative
CONGESTION RENT	\$931,705.51	\$13,206,311.52
CRR PAYMENT	\$814,873.65	\$11,332,713.29
PERFECT HEDGE	.	\$442,577.54
CLAW BACK	.	\$52.80
CRR ADEQUACY	\$116,831.86	\$1,431,073.48
ADEQUACY RATIO	114.34%	112.15%
AUCTION REVENUES	.	\$10,446,912.24
BALANCE ACCOUNT	.	\$11,877,985.72

\*The cumulative cost of perfect hedge is between 01DEC2018 and 03DEC2018

\*The cumulative cost of claw back is between 01DEC2018 and 01DEC2018