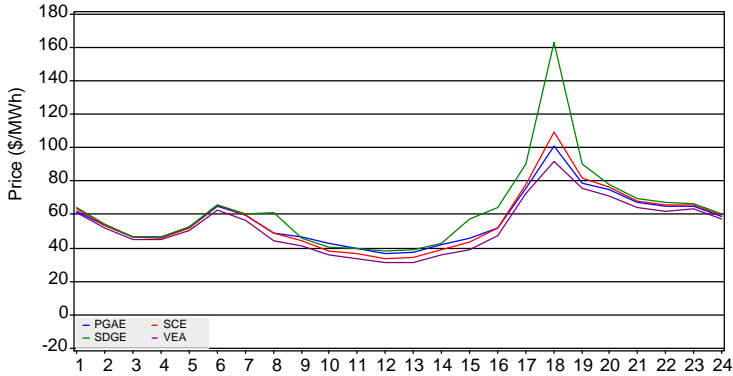


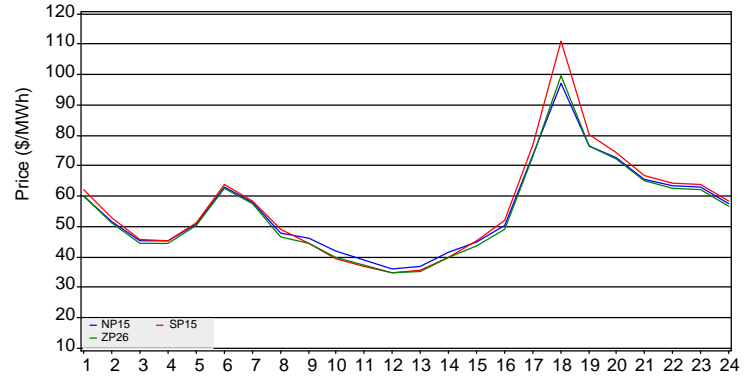
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(Note: An explanation of all metrics is available in the Day-Ahead Daily Market Watch Metric Catalog at <http://www.caiso.com/Documents/Day-AheadDailyMarketWatchMetricCatalog.pdf>)

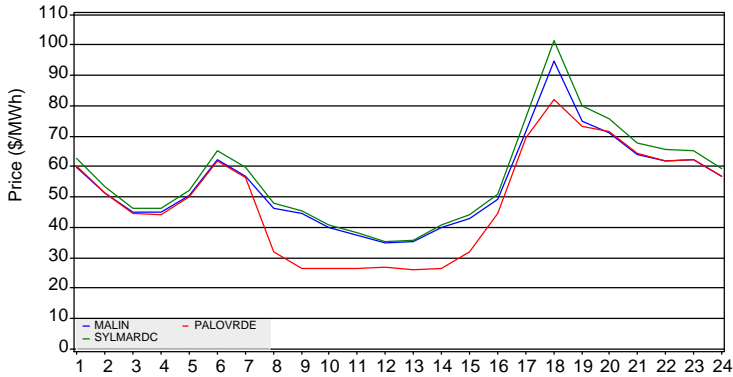
**IFM Default LAP LMPs**



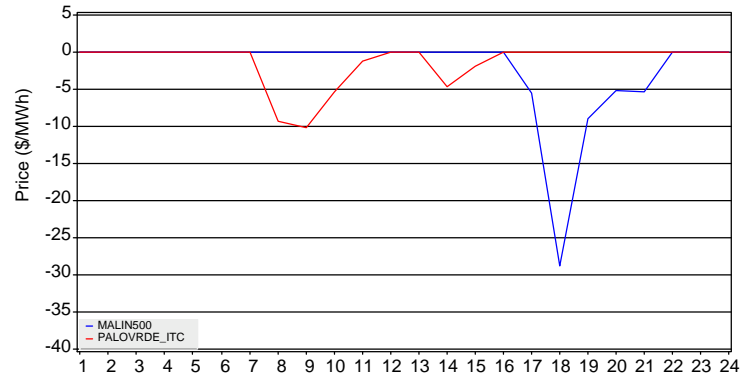
**IFM Trading Hub LMPs**



**Selected IFM Tie Point LMPs**



**Selected IFM Intertie Shadow Prices**



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

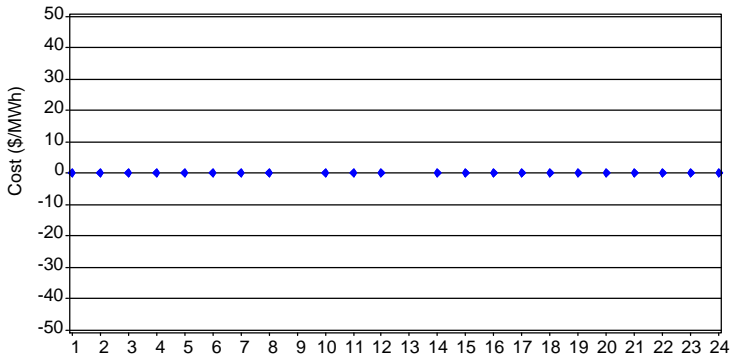
	NP15			SP15			ZP26			PG&E			SCE			SDGE			VEA		
	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min
<b>OFF</b>	63.15	54.55	45.17	64.08	55.50	45.35	62.67	54.07	44.39	64.91	56.11	46.44	65.44	56.52	46.11	66.58	57.07	46.43	63.10	54.58	44.69
<b>ON</b>	97.26	55.75	36.25	110.93	56.86	34.80	99.57	54.85	34.66	100.84	57.18	36.88	109.03	56.81	33.57	162.58	65.44	38.03	91.60	52.09	31.22

**Selected IFM Intertie Congestion Rents**

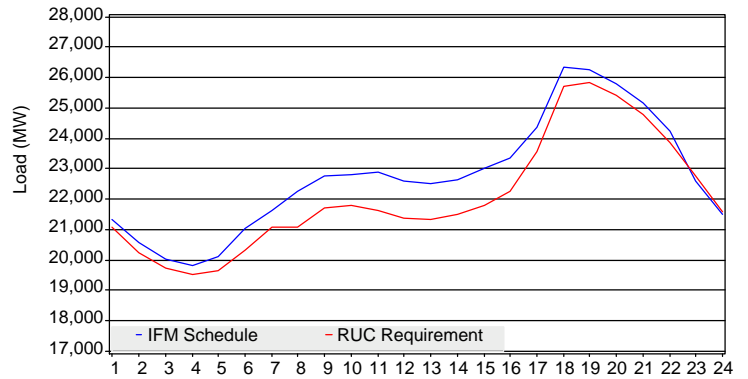
Inter-Tie	Import Rent	Export Rent	Total Rent	Total Rent Percent
MALIN500	\$105,859.76	\$0.00	\$105,859.76	51.25%
PALOVRDE_ITC	\$100,685.55	\$0.00	\$100,685.55	48.75%

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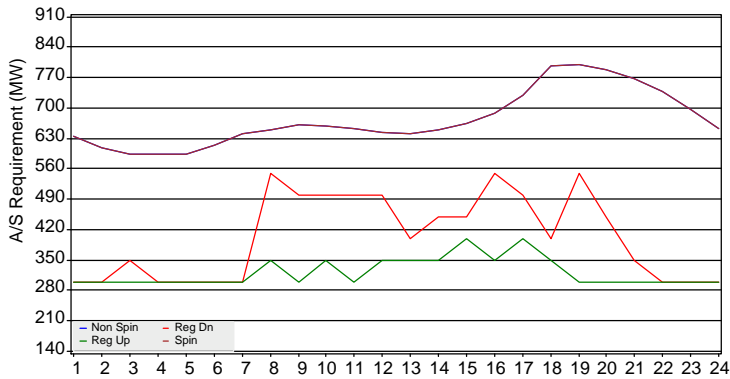
### RUC Cost to Underscheduled Load



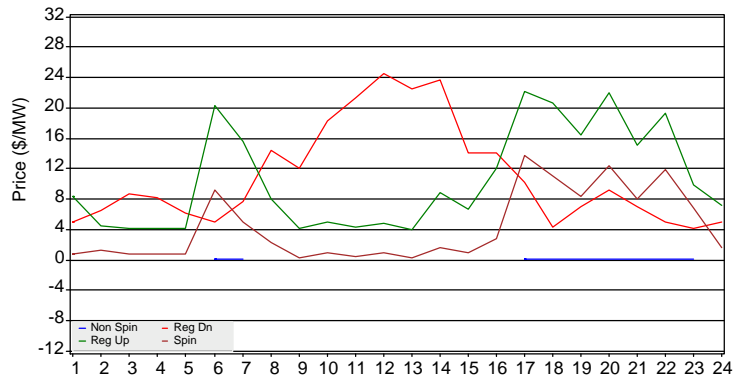
### IFM Cleared Quantity and RUC Requirement



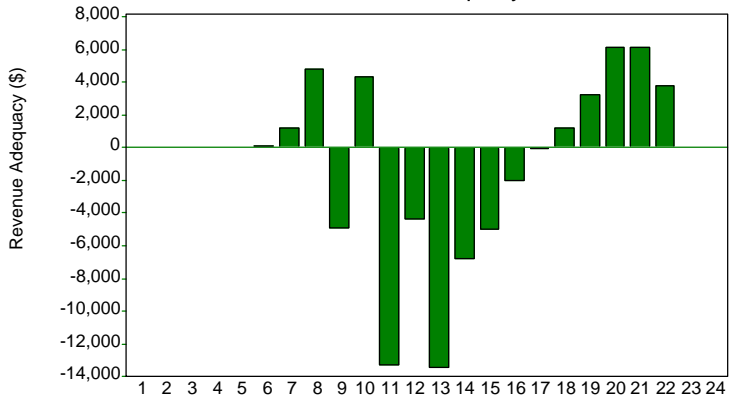
### A/S System Requirement



### A/S Average Price



### CRR Revenue Adequacy



### CRR Statistics

	17NOV2018	Cumulative
CONGESTION RENT	\$830,816.16	\$20,788,046.34
CRR PAYMENT	\$849,693.36	\$29,576,551.28
PERFECT HEDGE	.	\$87,155.40
CLAW BACK	.	\$58,355.48
CRR ADEQUACY	-\$18,877.20	-\$8,817,304.86
ADEQUACY RATIO	97.78%	70.08%
AUCTION REVENUES	.	\$7,753,511.72
BALANCE ACCOUNT	.	-\$1,063,793.14

\*The cumulative cost of perfect hedge is between 01NOV2018 and 14NOV2018

\*The cumulative cost of claw back is between 01NOV2018 and 13NOV2018