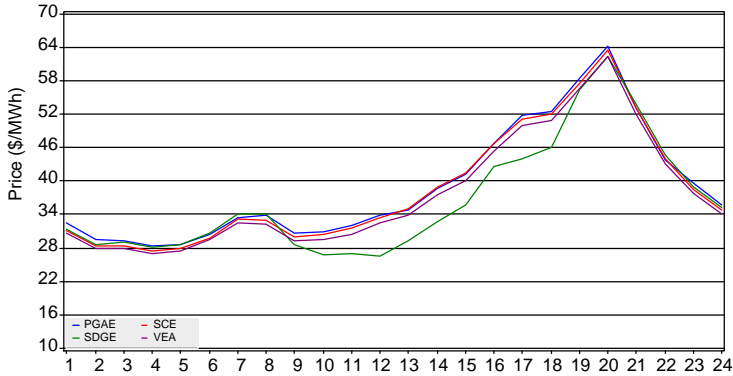


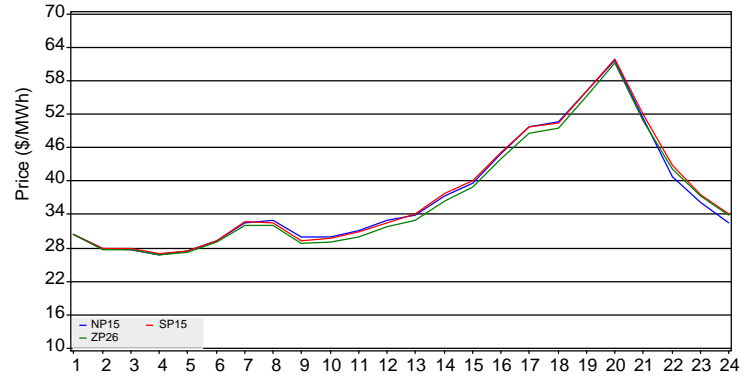
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(Note: An explanation of all metrics is available in the Day-Ahead Daily Market Watch Metric Catalog at <http://www.caiso.com/Documents/Day-AheadDailyMarketWatchMetricCatalog.pdf>)

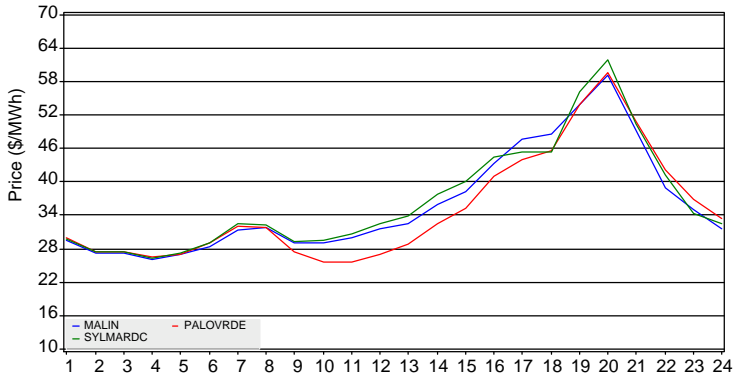
**IFM Default LAP LMPs**



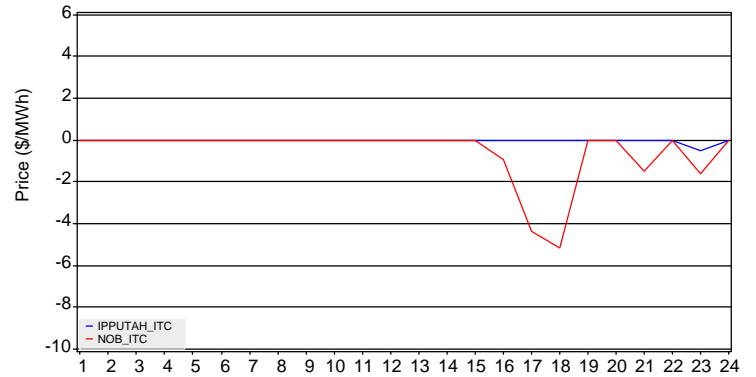
**IFM Trading Hub LMPs**



**Selected IFM Tie Point LMPs**



**Selected IFM Intertie Shadow Prices**



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

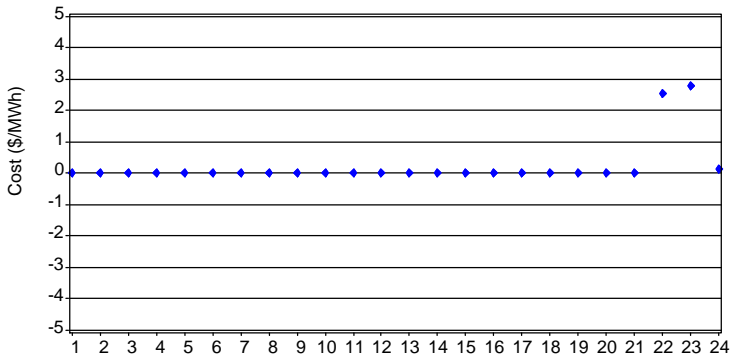
	NP15			SP15			ZP26			PG&E			SCE			SDGE			VEA		
	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min
<b>OFF</b>	36.23	29.79	26.71	37.56	30.19	26.98	37.26	29.98	26.78	39.52	31.70	28.25	38.53	30.79	27.42	38.94	31.32	28.09	37.77	30.30	27.06
<b>ON</b>	61.78	40.95	29.89	61.88	41.10	29.36	61.11	40.22	28.84	64.18	42.51	30.73	63.40	42.19	29.98	62.28	39.07	26.64	62.38	41.18	29.28

**Selected IFM Intertie Congestion Rents**

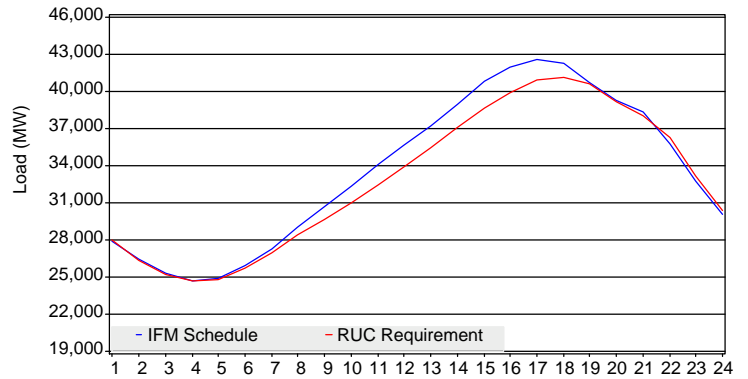
Inter-Tie	Import Rent	Export Rent	Total Rent	Total Rent Percent
NOB_ITC	\$21,158.81	\$0.00	\$21,158.81	99.51%
IPPUTAH_ITC	\$103.14	\$0.00	\$103.14	0.49%

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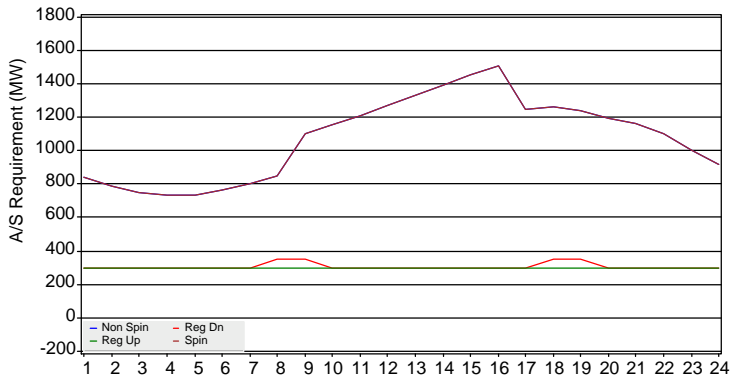
### RUC Cost to Underscheduled Load



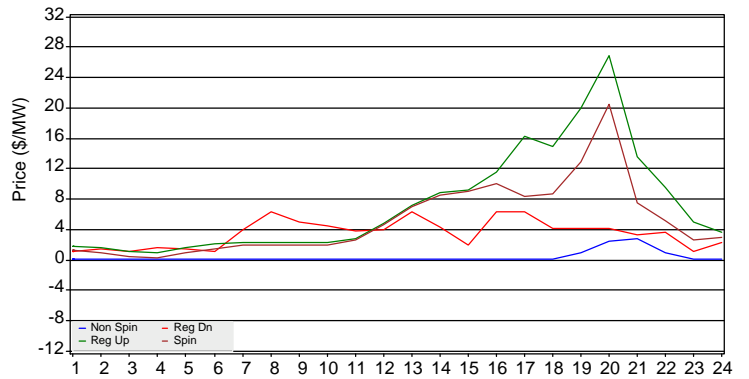
### IFM Cleared Quantity and RUC Requirement



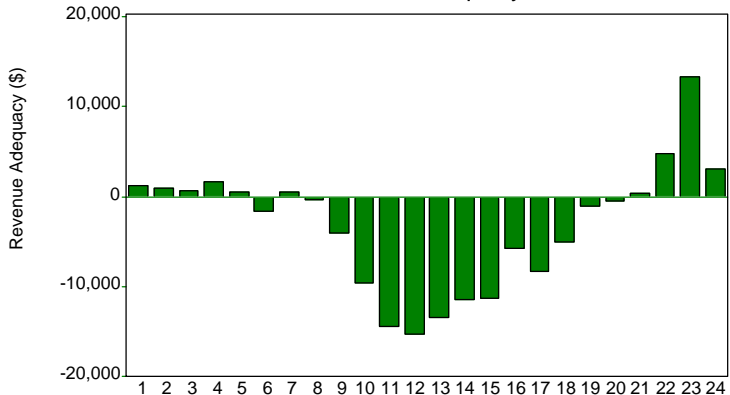
### A/S System Requirement



### A/S Average Price



### CRR Revenue Adequacy



### CRR Statistics

	28JUL2017	Cumulative
CONGESTION RENT	\$277,623.97	\$22,099,286.21
CRR PAYMENT	\$352,231.82	\$28,437,002.31
PERFECT HEDGE	.	\$979,879.26
CLAW BACK	.	\$348,735.47
CRR ADEQUACY	-\$74,607.85	-\$6,968,859.89
ADEQUACY RATIO	78.82%	75.12%
AUCTION REVENUES	.	\$8,093,259.60
BALANCE ACCOUNT	.	\$1,124,399.71

\*The cumulative cost of perfect hedge is between 01JUL2017 and 25JUL2017

\*The cumulative cost of claw back is between 01JUL2017 and 25JUL2017