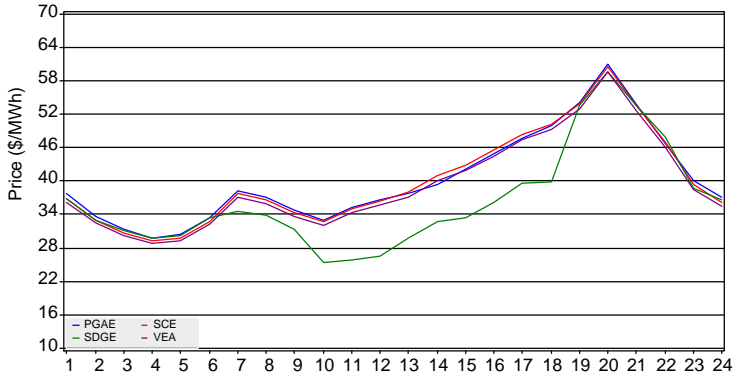


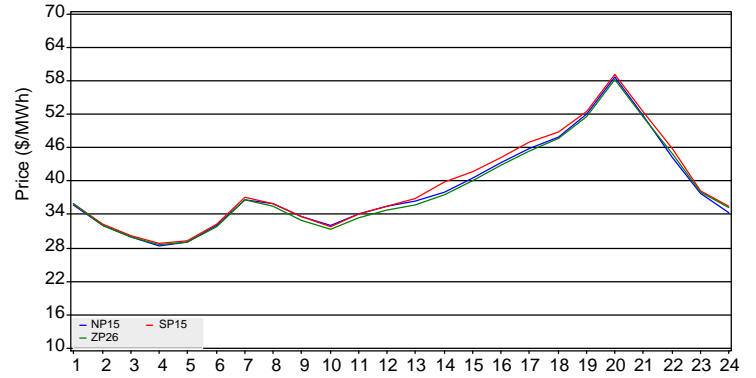
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(Note: An explanation of all metrics is available in the Day-Ahead Daily Market Watch Metric Catalog at <http://www.caiso.com/Documents/Day-AheadDailyMarketWatchMetricCatalog.pdf>)

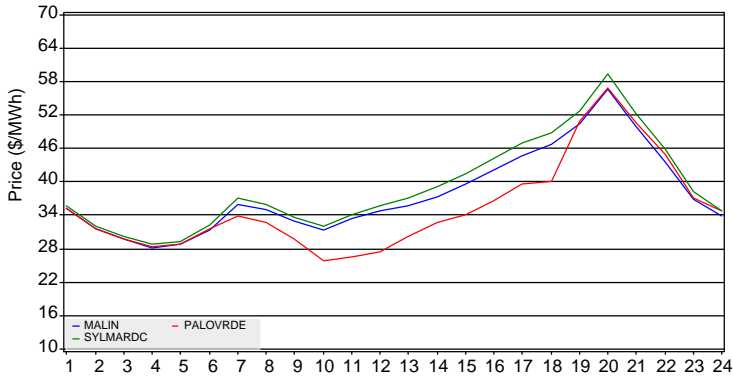
**IFM Default LAP LMPs**



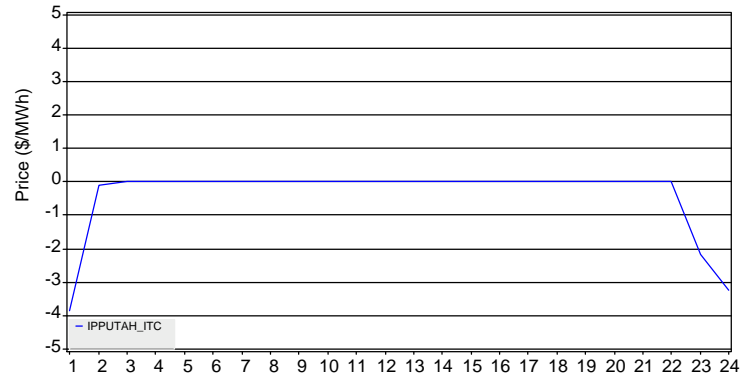
**IFM Trading Hub LMPs**



**Selected IFM Tie Point LMPs**



**Selected IFM Intertie Shadow Prices**



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

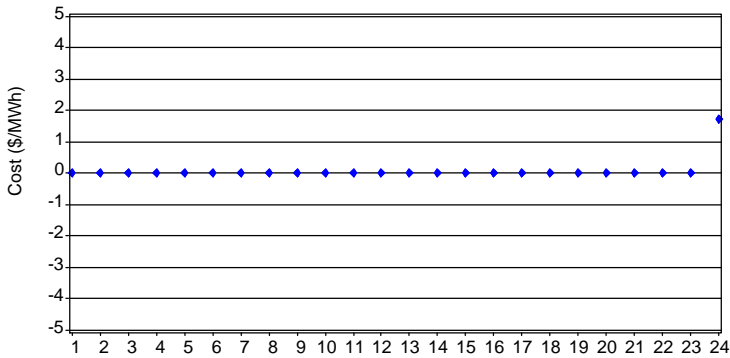
	NP15			SP15			ZP26			PG&E			SCE			SDGE			VEA		
	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min
<b>OFF</b>	37.88	32.42	28.41	38.31	32.80	28.82	38.03	32.55	28.50	40.07	34.20	29.84	39.29	33.48	29.33	38.81	33.70	29.70	38.54	32.93	28.88
<b>ON</b>	58.64	41.68	31.96	59.20	42.27	31.88	58.32	41.24	31.26	60.97	43.27	32.96	60.63	43.38	32.71	59.53	37.73	25.45	59.67	42.51	32.03

**Selected IFM Intertie Congestion Rents**

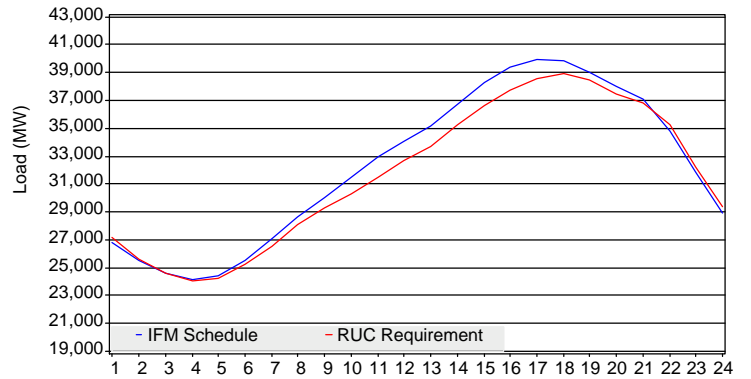
Inter-Tie	Import Rent	Export Rent	Total Rent	Total Rent Percent
IPPUTAH_ITC	\$1,884.50	\$0.00	\$1,884.50	100.00%

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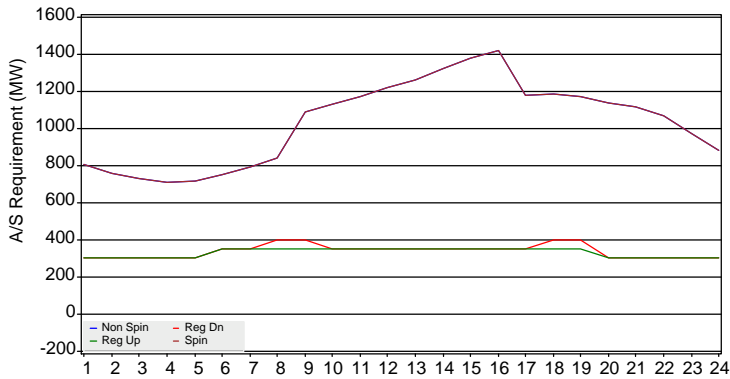
### RUC Cost to Underscheduled Load



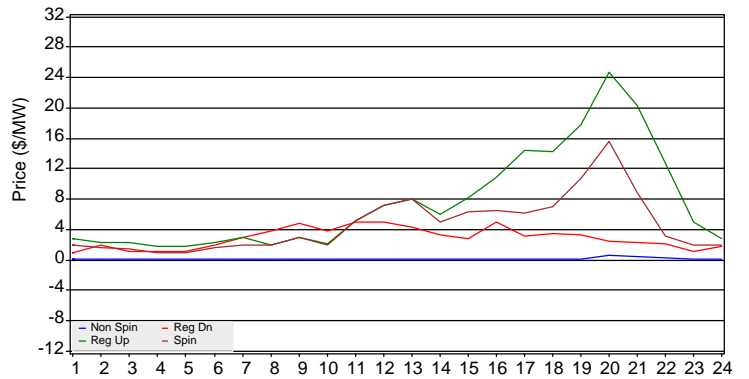
### IFM Cleared Quantity and RUC Requirement



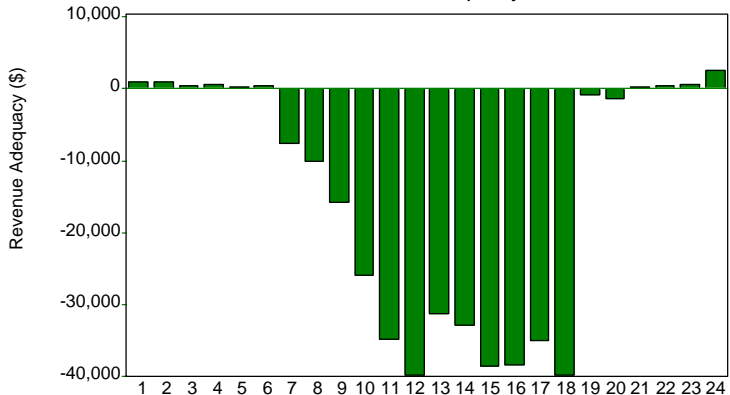
### A/S System Requirement



### A/S Average Price



### CRR Revenue Adequacy



### CRR Statistics

	25JUL2017	Cumulative
CONGESTION RENT	\$142,029.88	\$21,152,246.27
CRR PAYMENT	\$486,579.17	\$26,613,812.89
PERFECT HEDGE	.	\$895,451.73
CLAW BACK	.	\$338,595.98
CRR ADEQUACY	-\$344,549.29	-\$6,018,422.37
ADEQUACY RATIO	29.19%	76.89%
AUCTION REVENUES	.	\$8,093,259.60
BALANCE ACCOUNT	.	\$2,074,837.23

\*The cumulative cost of perfect hedge is between 01JUL2017 and 20JUL2017

\*The cumulative cost of claw back is between 01JUL2017 and 20JUL2017