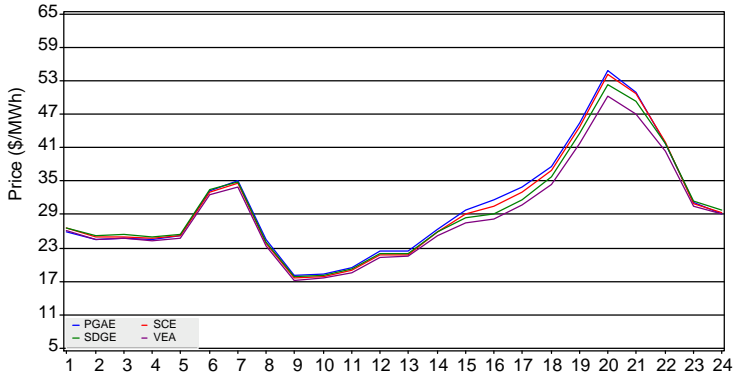


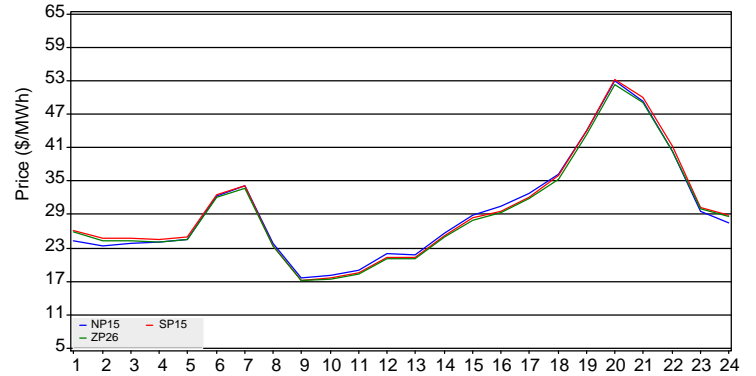
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(Note: An explanation of all metrics is available in the Day-Ahead Daily Market Watch Metric Catalog at <http://www.caiso.com/Documents/Day-AheadDailyMarketWatchMetricCatalog.pdf>)

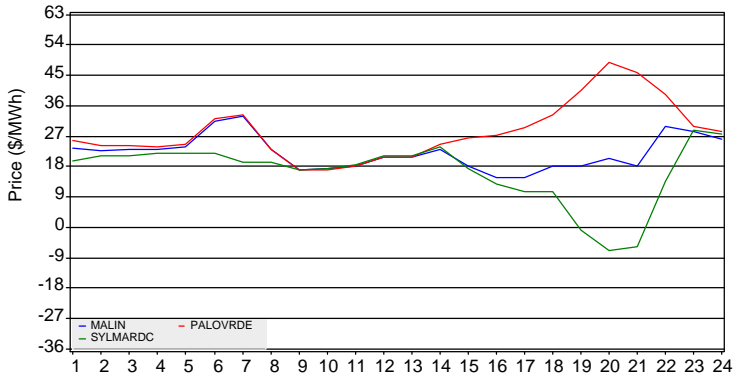
**IFM Default LAP LMPs**



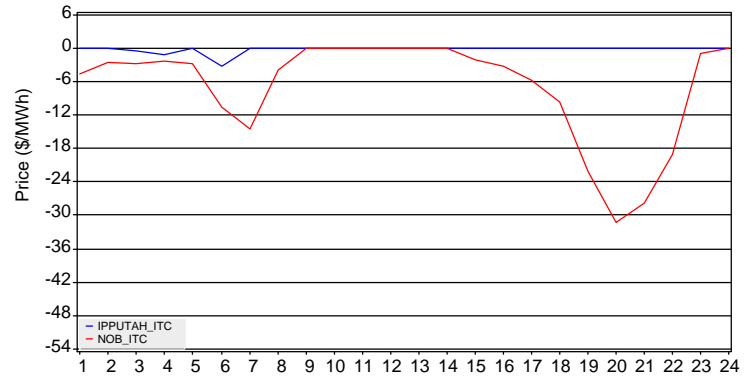
**IFM Trading Hub LMPs**



**Selected IFM Tie Point LMPs**



**Selected IFM Intertie Shadow Prices**



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

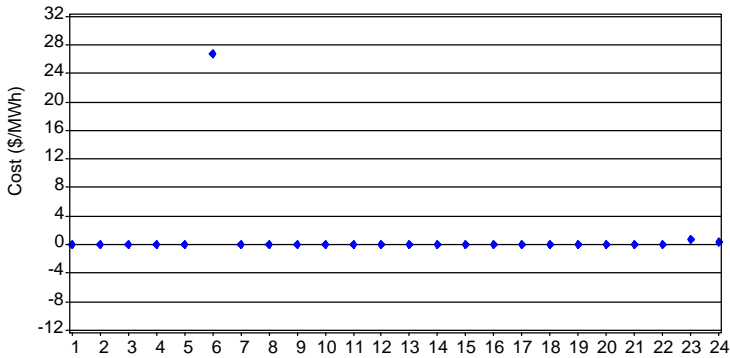
	NP15			SP15			ZP26			PG&E			SCE			SDGE			VEA		
	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min
<b>OFF</b>	32.41	26.18	23.43	32.65	27.11	24.41	32.19	26.72	23.99	33.19	27.29	24.55	33.06	27.48	24.68	33.42	27.77	25.01	32.53	27.08	24.32
<b>ON</b>	53.06	31.10	17.68	53.25	30.85	17.27	52.41	30.43	17.12	54.73	32.01	18.08	54.16	31.45	17.57	52.37	31.00	17.83	50.33	29.96	17.26

**Selected IFM Intertie Congestion Rents**

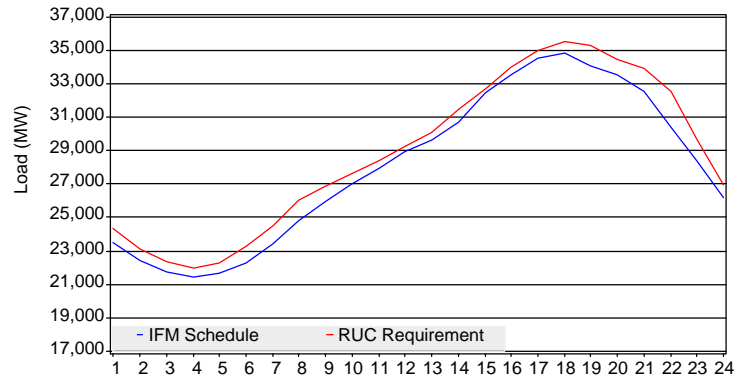
Inter-Tie	Import Rent	Export Rent	Total Rent	Total Rent Percent
NOB_ITC	\$259,741.69	\$0.00	\$259,741.69	99.62%
IPPUTAH_ITC	\$990.03	\$0.00	\$990.03	0.38%

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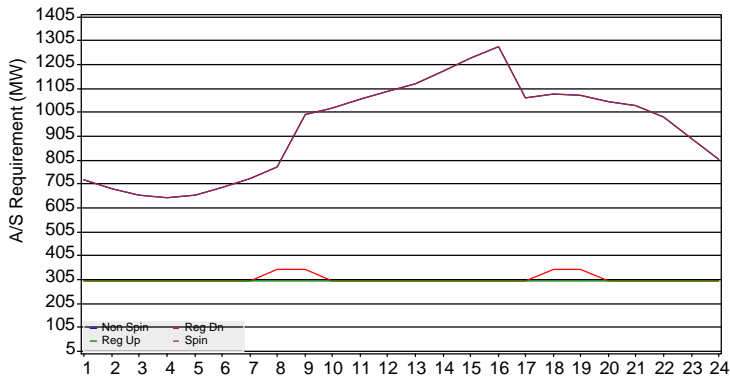
### RUC Cost to Underscheduled Load



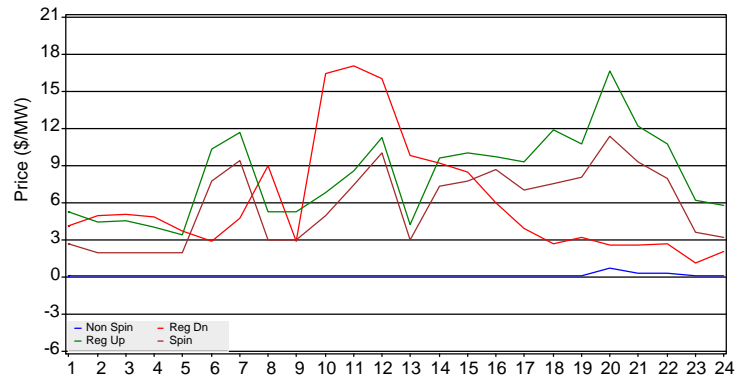
### IFM Cleared Quantity and RUC Requirement



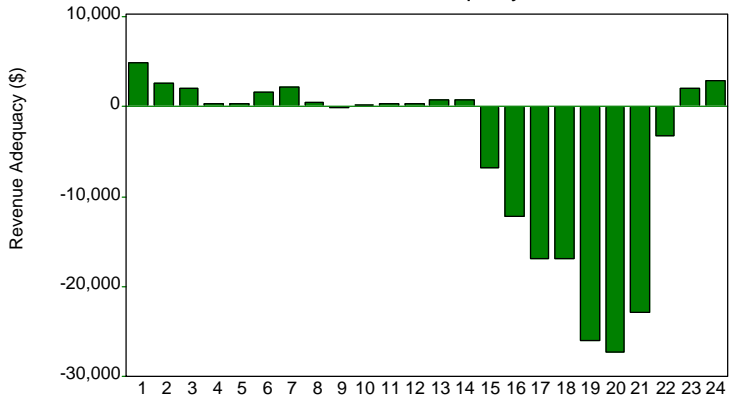
### A/S System Requirement



### A/S Average Price



### CRR Revenue Adequacy



### CRR Statistics

	03JUL2017	Cumulative
CONGESTION RENT	\$1,181,254.87	\$2,651,024.38
CRR PAYMENT	\$1,291,544.92	\$2,822,675.66
PERFECT HEDGE	.	\$0.00
CLAW BACK	.	\$0.00
CRR ADEQUACY	\$-110,290.05	\$-171,651.28
ADEQUACY RATIO	91.46%	93.92%
AUCTION REVENUES	.	\$8,093,259.60
BALANCE ACCOUNT	.	\$7,921,608.32

\*The cumulative cost of perfect hedge is between 01JUL2017 and 03JUL2017

\*The cumulative cost of claw back is between 01JUL2017 and 03JUL2017