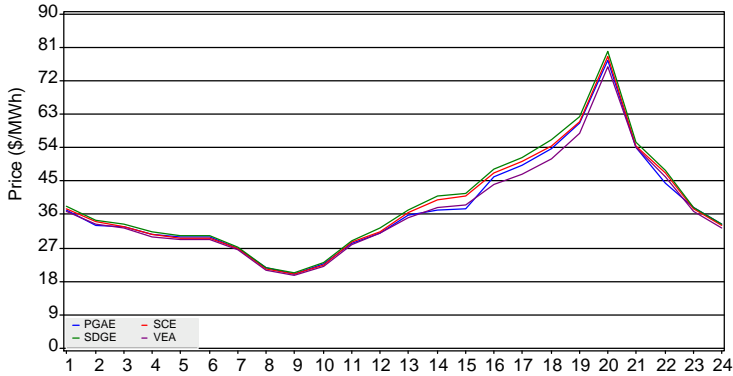


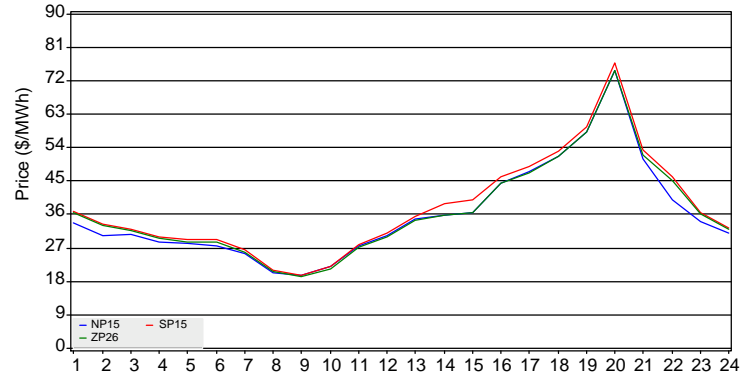
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(Note: An explanation of all metrics is available in the Day-Ahead Daily Market Watch Metric Catalog at <http://www.caiso.com/Documents/Day-AheadDailyMarketWatchMetricCatalog.pdf>)

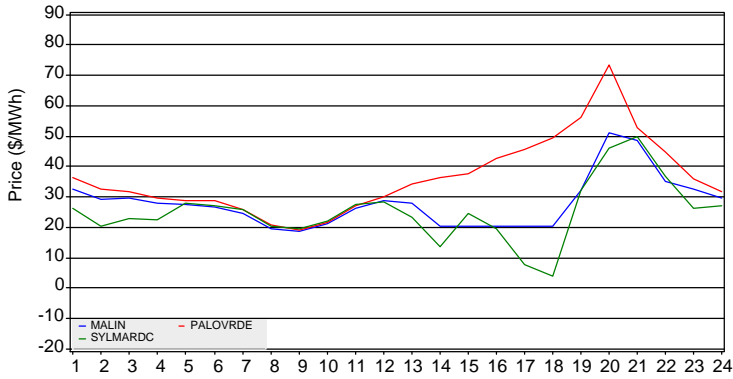
**IFM Default LAP LMPs**



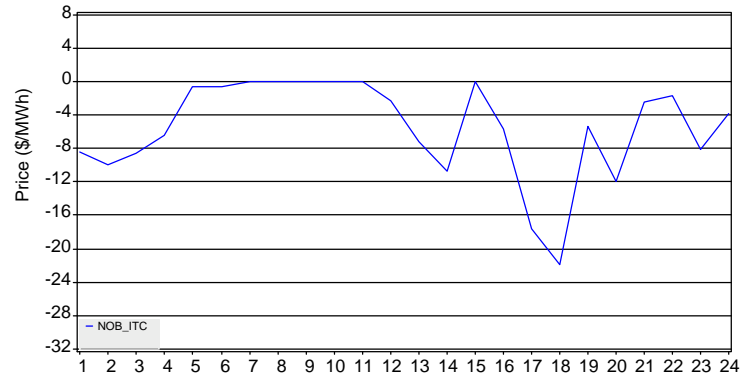
**IFM Trading Hub LMPs**



**Selected IFM Tie Point LMPs**



**Selected IFM Intertie Shadow Prices**



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

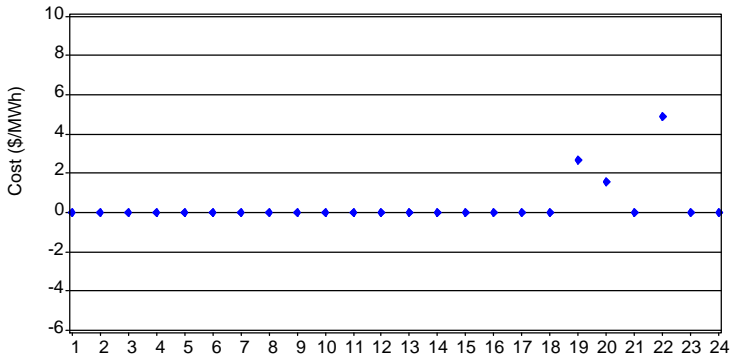
	NP15			SP15			ZP26			PG&E			SCE			SDGE			VEA		
	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min
<b>OFF</b>	74.58	36.01	19.69	76.66	37.76	19.62	74.87	36.69	19.20	77.59	37.99	20.14	78.39	38.57	19.93	79.87	39.36	20.39	75.69	37.34	19.67

**Selected IFM Intertie Congestion Rents**

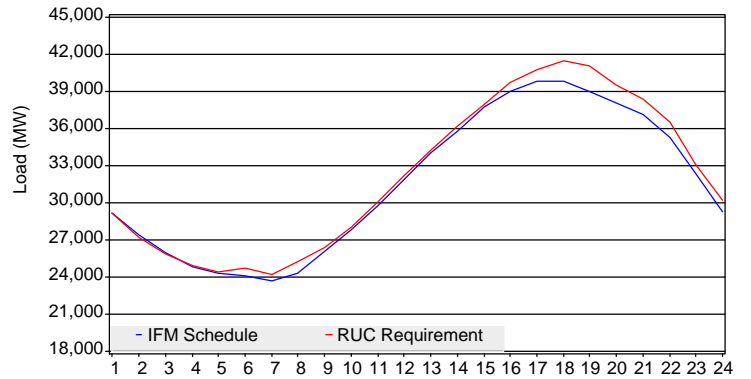
Inter-Tie	Import Rent	Export Rent	Total Rent	Total Rent Percent
NOB_ITC	\$208,874.55	\$0.00	\$208,874.55	100.00%

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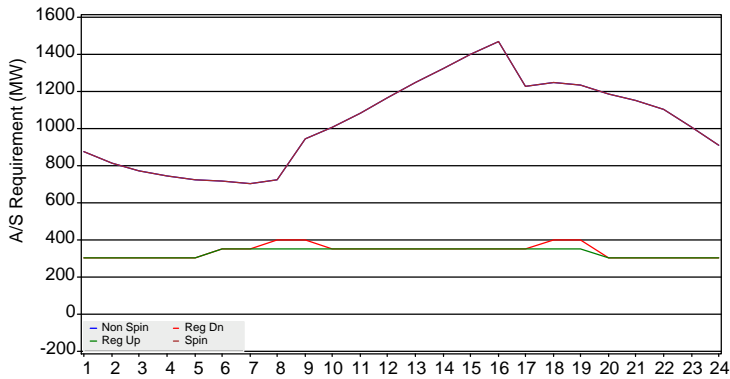
### RUC Cost to Underscheduled Load



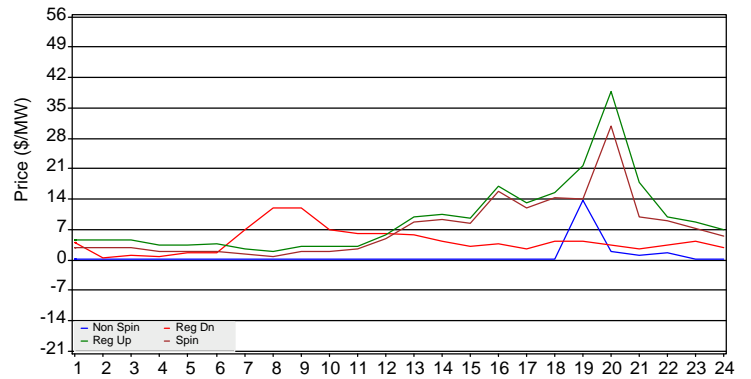
### IFM Cleared Quantity and RUC Requirement



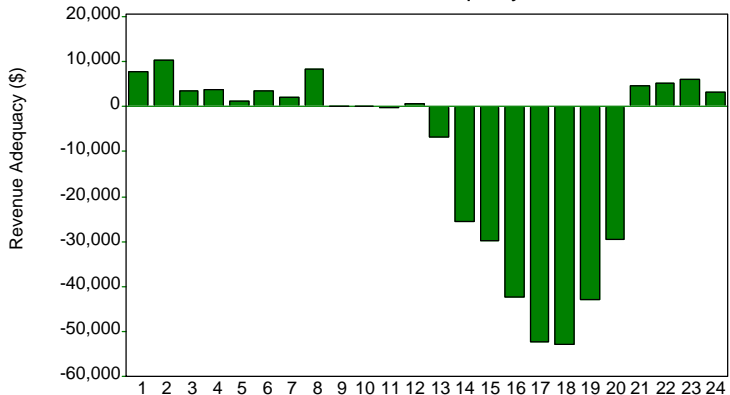
### A/S System Requirement



### A/S Average Price



### CRR Revenue Adequacy



### CRR Statistics

	09JUL2017	Cumulative
CONGESTION RENT	\$1,320,642.87	\$7,243,716.26
CRR PAYMENT	\$1,541,742.65	\$8,227,572.85
PERFECT HEDGE	.	\$196,029.81
CLAW BACK	.	\$13,862.86
CRR ADEQUACY	-\$-221,099.78	-\$-1,166,023.54
ADEQUACY RATIO	85.66%	85.99%
AUCTION REVENUES	.	\$8,093,259.60
BALANCE ACCOUNT	.	\$6,927,236.06

\*The cumulative cost of perfect hedge is between 01JUL2017 and 06JUL2017

\*The cumulative cost of claw back is between 01JUL2017 and 06JUL2017