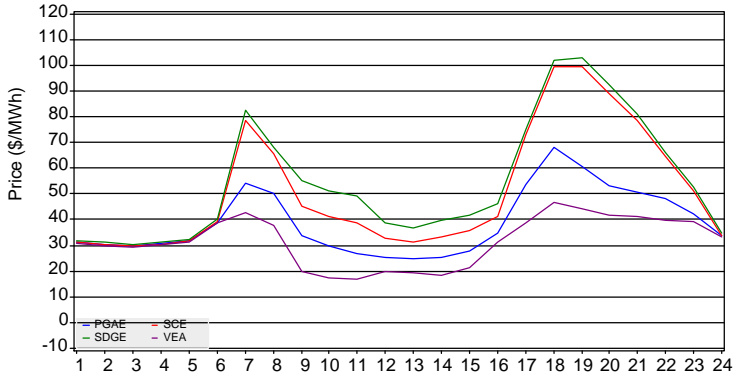


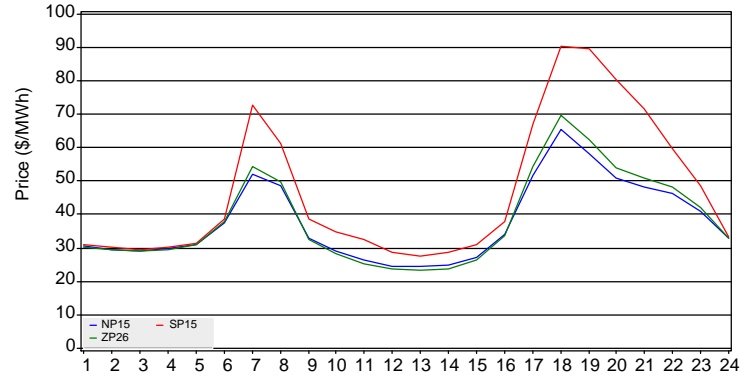
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(Note: An explanation of all metrics is available in the Day-Ahead Daily Market Watch Metric Catalog at <http://www.caiso.com/Documents/Day-AheadDailyMarketWatchMetricCatalog.pdf>)

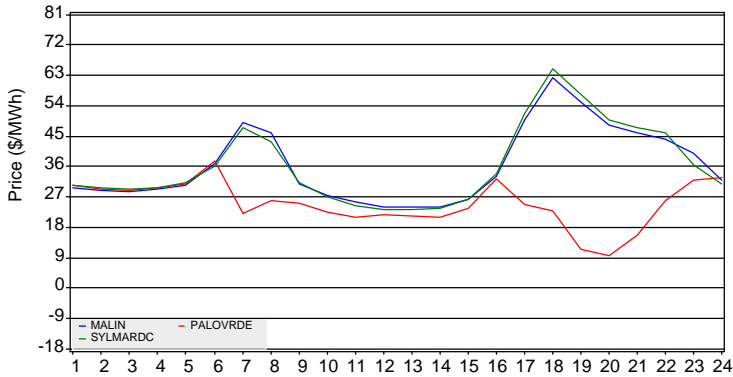
**IFM Default LAP LMPs**



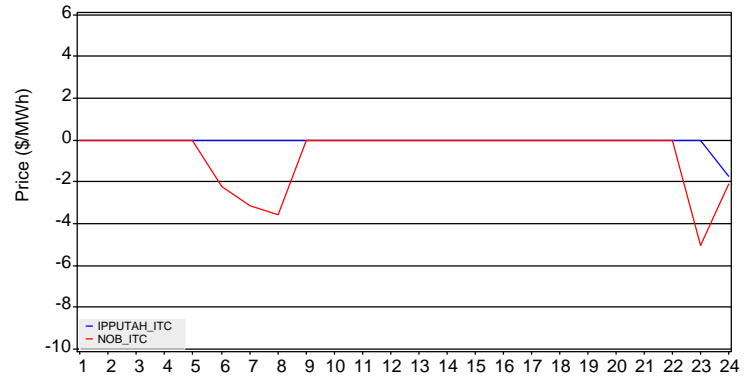
**IFM Trading Hub LMPs**



**Selected IFM Tie Point LMPs**



**Selected IFM Intertie Shadow Prices**



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

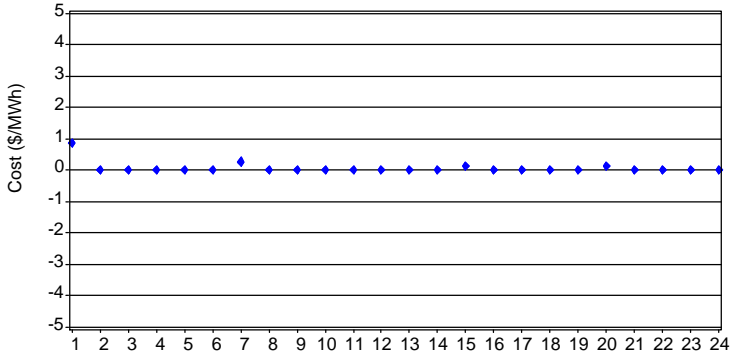
	NP15			SP15			ZP26			PG&E			SCE			SDGE			VEA		
	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min
<b>OFF</b>	40.96	32.64	29.08	48.72	34.12	29.53	42.07	32.76	29.02	42.44	33.58	29.87	51.16	34.81	29.89	52.59	35.60	30.51	39.36	32.81	29.51
<b>ON</b>	65.55	40.32	24.57	90.25	53.31	27.58	69.55	41.32	23.45	67.95	41.69	25.01	99.64	59.29	31.34	102.75	64.31	36.91	46.70	31.09	16.84

**Selected IFM Intertie Congestion Rents**

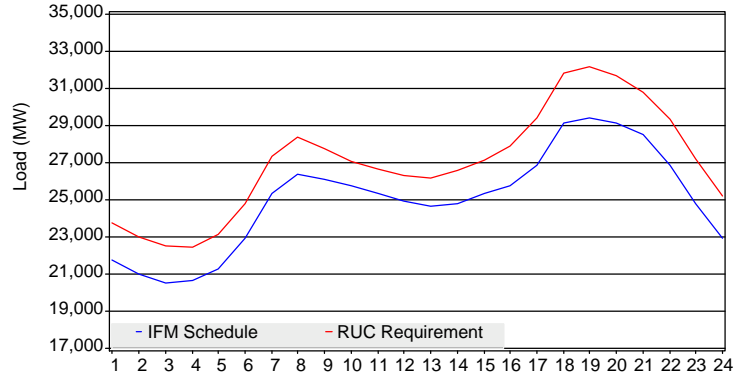
Inter-Tie	Import Rent	Export Rent	Total Rent	Total Rent Percent
NOB_ITC	\$25,104.20	\$0.00	\$25,104.20	98.77%
IPPUTAH_ITC	\$312.74	\$0.00	\$312.74	1.23%

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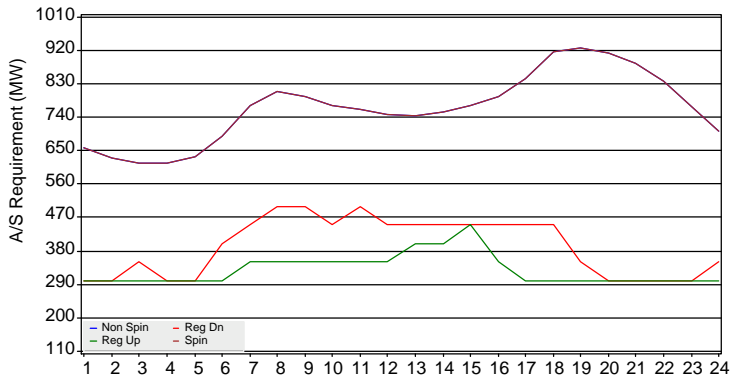
### RUC Cost to Underscheduled Load



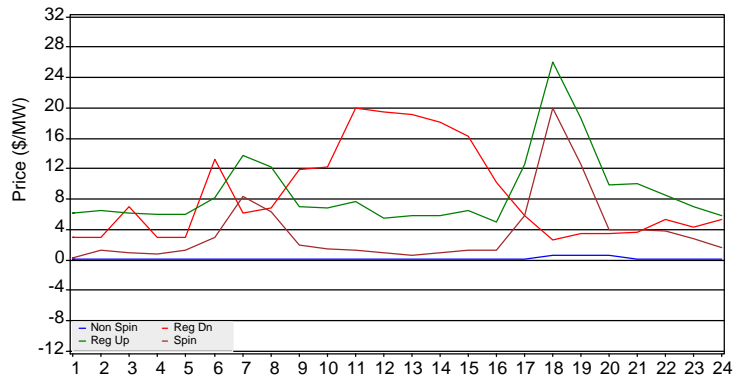
### IFM Cleared Quantity and RUC Requirement



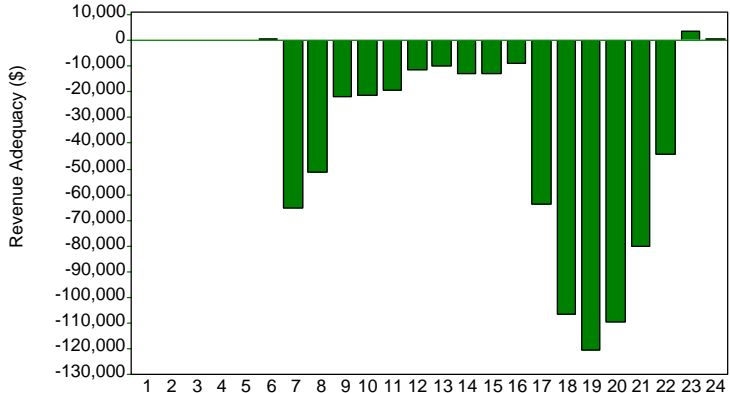
### A/S System Requirement



### A/S Average Price



### CRR Revenue Adequacy



### CRR Statistics

	07DEC2017	Cumulative
CONGESTION RENT	\$3,853,929.51	\$18,545,678.45
CRR PAYMENT	\$4,609,956.84	\$23,018,361.29
PERFECT HEDGE	.	\$492,184.48
CLAW BACK	.	\$59.42
CRR ADEQUACY	-\$756,027.33	-\$4,964,807.90
ADEQUACY RATIO	83.60%	78.88%
AUCTION REVENUES	.	\$7,202,231.34
BALANCE ACCOUNT	.	\$2,237,423.44

\*The cumulative cost of perfect hedge is between 01DEC2017 and 04DEC2017

\*The cumulative cost of claw back is between 01DEC2017 and 02DEC2017