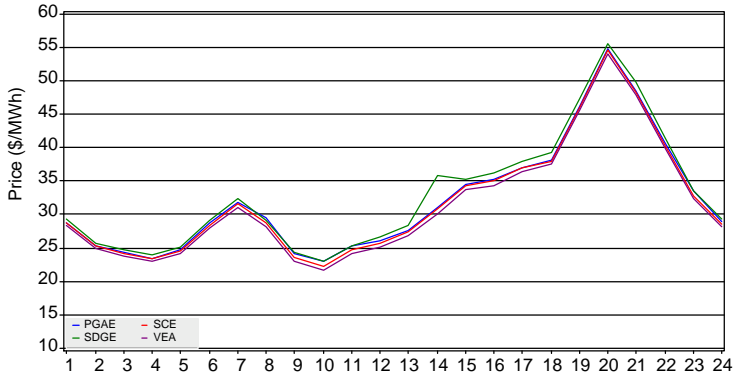


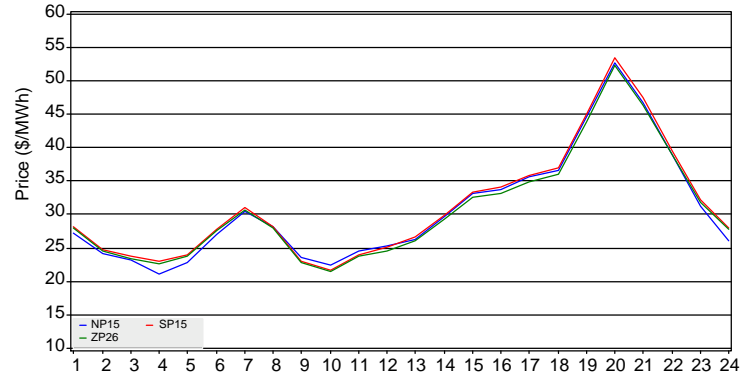
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(Note: An explanation of all metrics is available in the Day-Ahead Daily Market Watch Metric Catalog at <http://www.caiso.com/Documents/Day-AheadDailyMarketWatchMetricCatalog.pdf>)

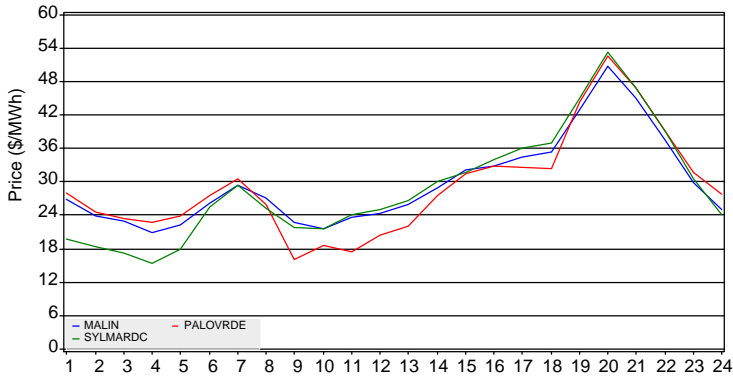
**IFM Default LAP LMPs**



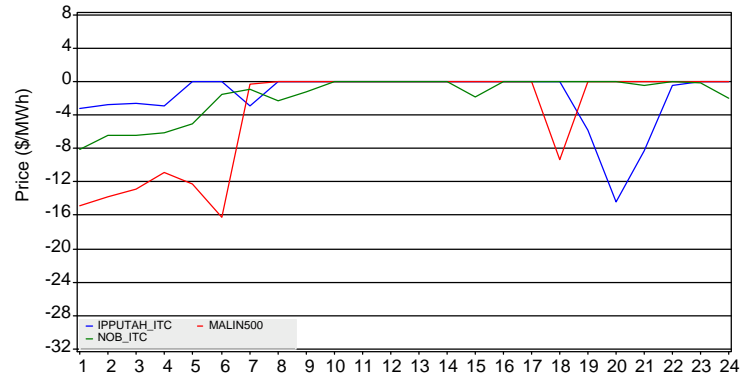
**IFM Trading Hub LMPs**



**Selected IFM Tie Point LMPs**



**Selected IFM Intertie Shadow Prices**



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

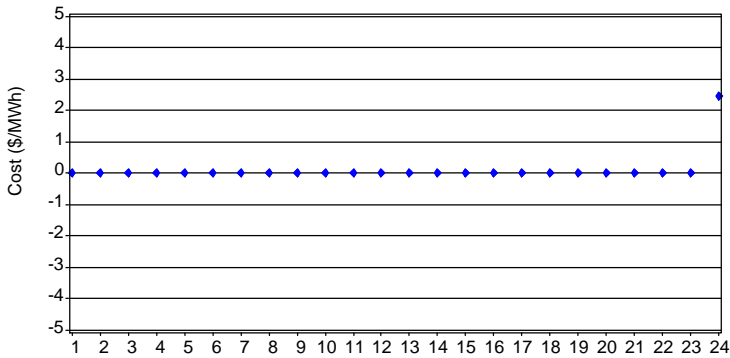
	NP15			SP15			ZP26			PG&E			SCE			SDGE			VEA		
	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min
<b>OFF</b>	31.20	25.36	21.18	32.11	26.49	23.00	31.90	26.20	22.64	33.58	27.24	23.47	32.81	26.97	23.34	33.52	27.60	23.95	32.42	26.59	23.02
<b>ON</b>	52.75	33.31	22.44	53.42	33.45	21.69	52.36	32.83	21.55	54.69	34.57	22.98	54.60	34.29	22.26	55.63	35.50	23.06	53.98	33.69	21.73

**Selected IFM Intertie Congestion Rents**

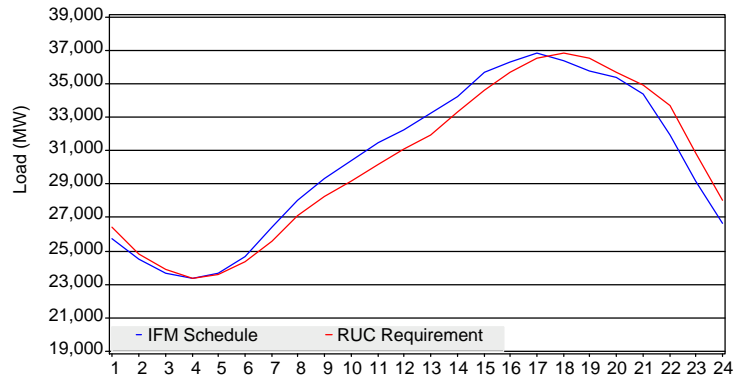
Inter-Tie	Import Rent	Export Rent	Total Rent	Total Rent Percent
MALIN500	\$234,790.68	\$0.00	\$234,790.68	75.76%
NOB_ITC	\$66,375.05	\$0.00	\$66,375.05	21.42%
IPPUTAH_ITC	\$8,747.69	\$0.00	\$8,747.69	2.82%

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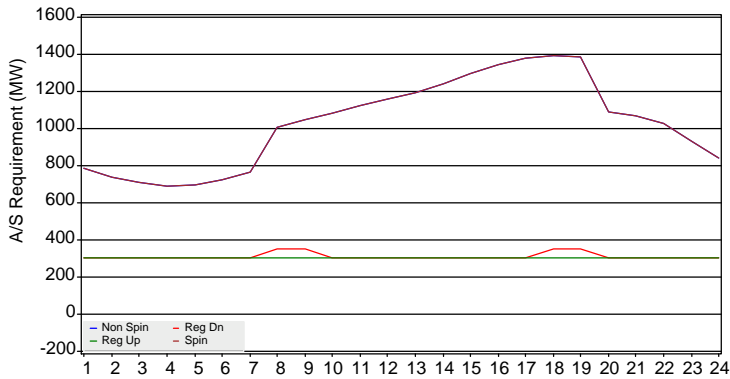
### RUC Cost to Underscheduled Load



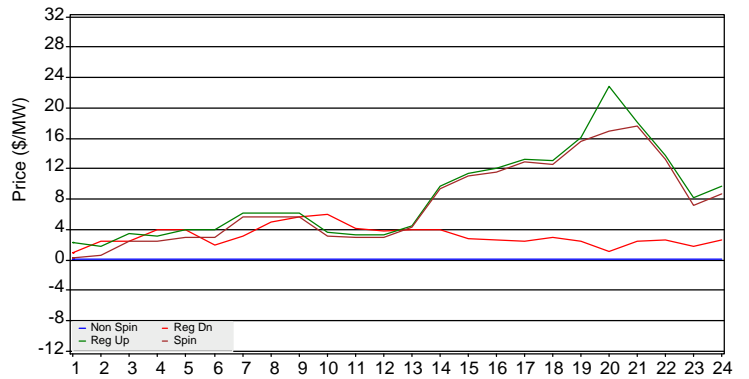
### IFM Cleared Quantity and RUC Requirement



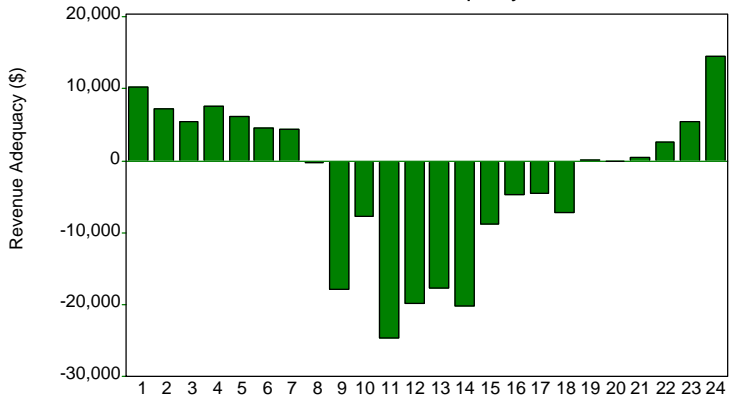
### A/S System Requirement



### A/S Average Price



### CRR Revenue Adequacy



### CRR Statistics

	27JUN2017	Cumulative
CONGESTION RENT	\$493,492.87	\$27,146,864.70
CRR PAYMENT	\$558,652.87	\$30,843,948.99
PERFECT HEDGE	.	\$3,719,460.27
CLAW BACK	.	\$305,070.22
CRR ADEQUACY	-\$65,160.00	-\$7,111,474.35
ADEQUACY RATIO	88.34%	78.54%
AUCTION REVENUES	.	\$6,173,425.25
BALANCE ACCOUNT	.	-\$938,049.10

\*The cumulative cost of perfect hedge is between 01JUN2017 and 23JUN2017

\*The cumulative cost of claw back is between 01JUN2017 and 23JUN2017