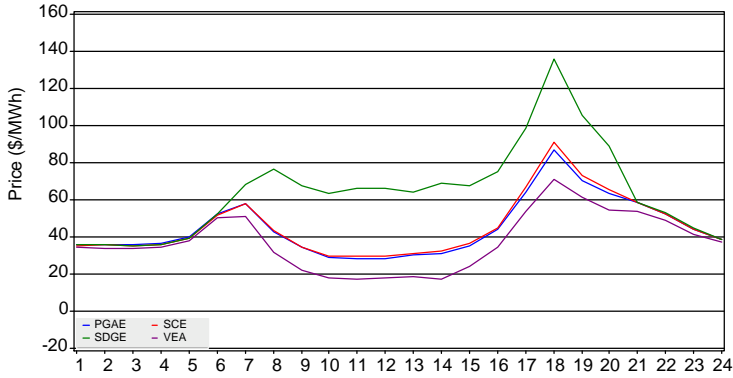


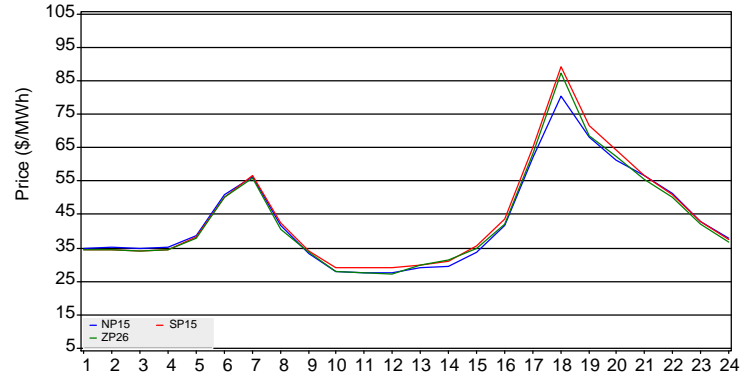
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(Note: An explanation of all metrics is available in the Day-Ahead Daily Market Watch Metric Catalog at <http://www.caiso.com/Documents/Day-AheadDailyMarketWatchMetricCatalog.pdf>)

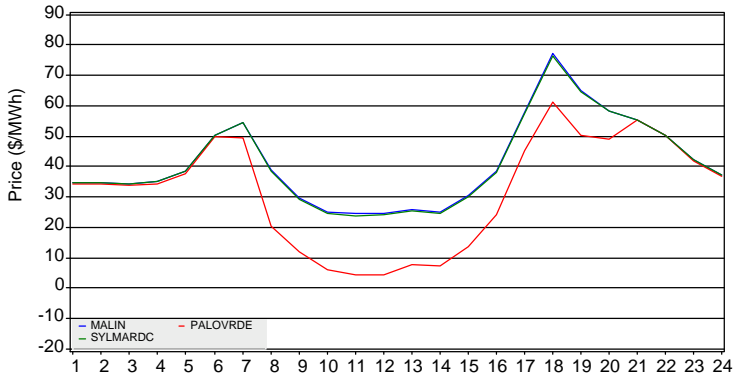
**IFM Default LAP LMPs**



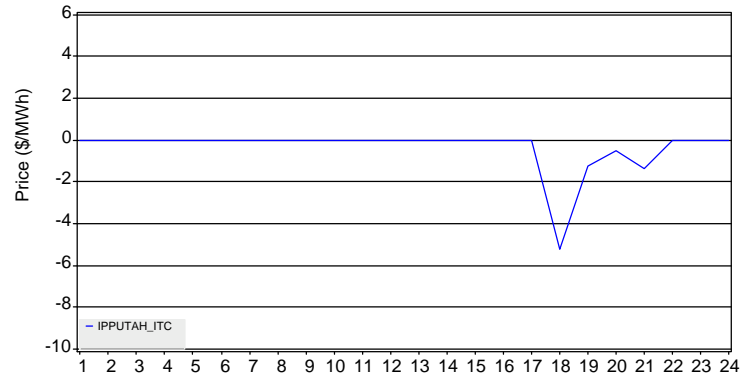
**IFM Trading Hub LMPs**



**Selected IFM Tie Point LMPs**



**Selected IFM Intertie Shadow Prices**



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

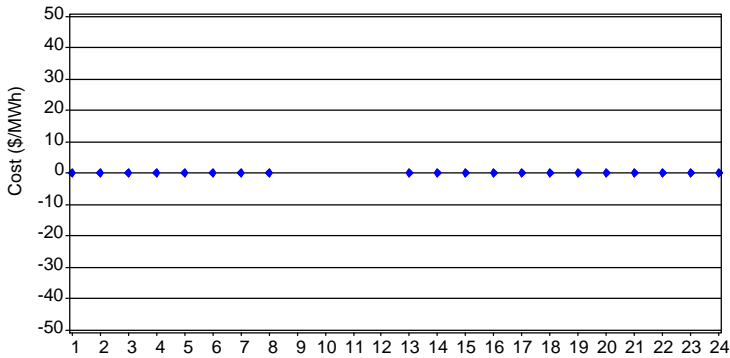
	NP15			SP15			ZP26			PG&E			SCE			SDGE			VEA		
	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min
<b>OFF</b>	50.77	38.77	34.70	50.32	38.31	34.11	50.13	38.02	34.02	52.17	39.86	35.64	51.72	39.30	34.98	52.16	39.61	35.16	50.08	37.94	33.53
<b>ON</b>	80.23	45.47	27.49	89.22	47.40	28.98	87.32	46.19	27.37	86.97	47.33	28.25	91.15	48.56	29.52	135.70	76.44	52.74	71.14	37.19	17.21

**Selected IFM Intertie Congestion Rents**

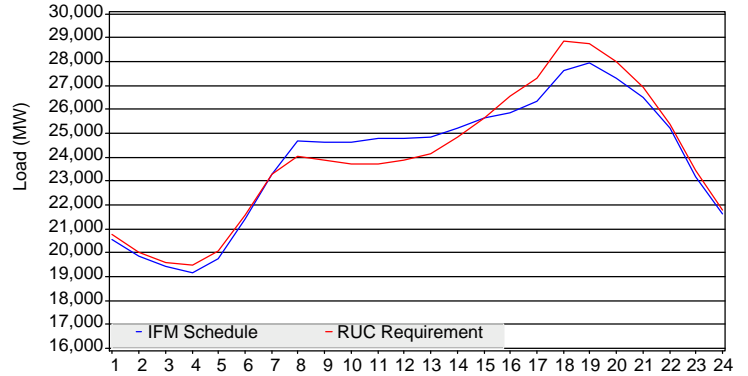
Inter-Tie	Import Rent	Export Rent	Total Rent	Total Rent Percent
IPPUTAH_ITC	\$1,571.80	\$0.00	\$1,571.80	100.00%

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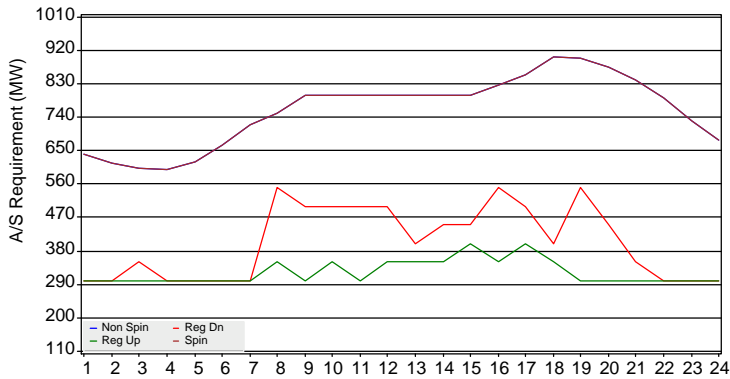
### RUC Cost to Underscheduled Load



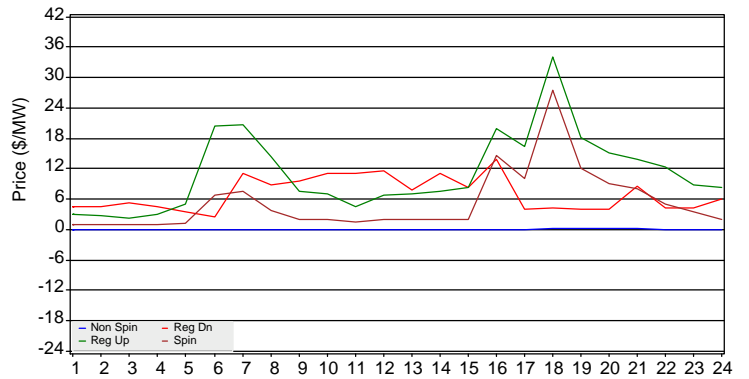
### IFM Cleared Quantity and RUC Requirement



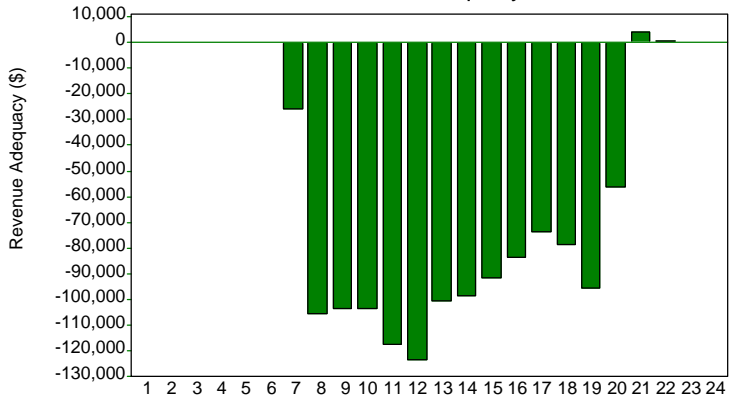
### A/S System Requirement



### A/S Average Price



### CRR Revenue Adequacy



### CRR Statistics

	08NOV2018	Cumulative
CONGESTION RENT	\$2,118,997.84	\$10,799,217.40
CRR PAYMENT	\$3,371,862.72	\$14,457,732.35
PERFECT HEDGE	.	\$288,611.00
CLAW BACK	.	\$38,836.95
CRR ADEQUACY	\$-1,252,864.88	\$-3,908,288.99
ADEQUACY RATIO	62.84%	73.23%
AUCTION REVENUES	.	\$7,753,511.72
BALANCE ACCOUNT	.	\$3,845,222.73

\*The cumulative cost of perfect hedge is between 01NOV2018 and 05NOV2018

\*The cumulative cost of claw back is between 01NOV2018 and 05NOV2018