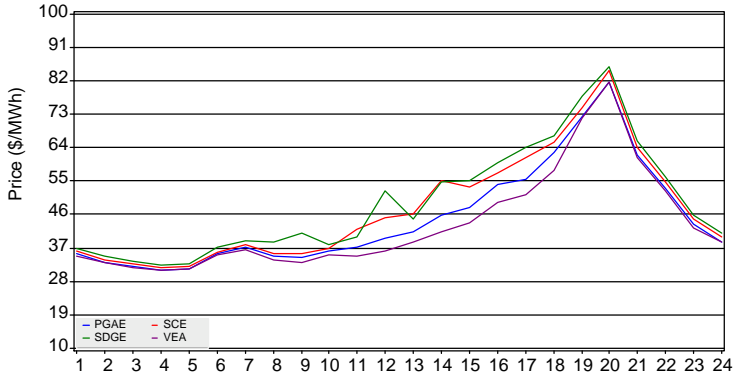


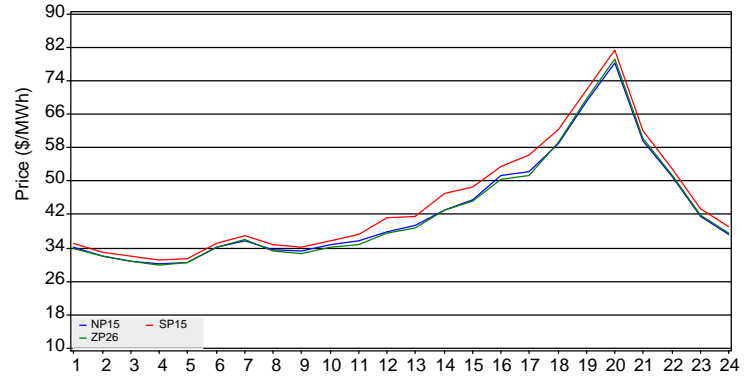
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(Note: An explanation of all metrics is available in the Day-Ahead Daily Market Watch Metric Catalog at <http://www.caiso.com/Documents/Day-AheadDailyMarketWatchMetricCatalog.pdf>)

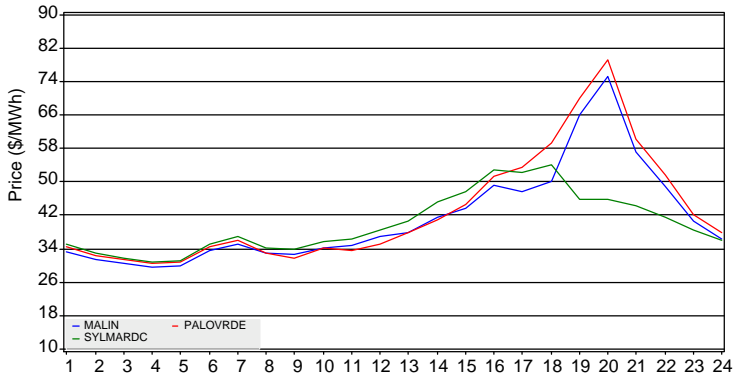
**IFM Default LAP LMPs**



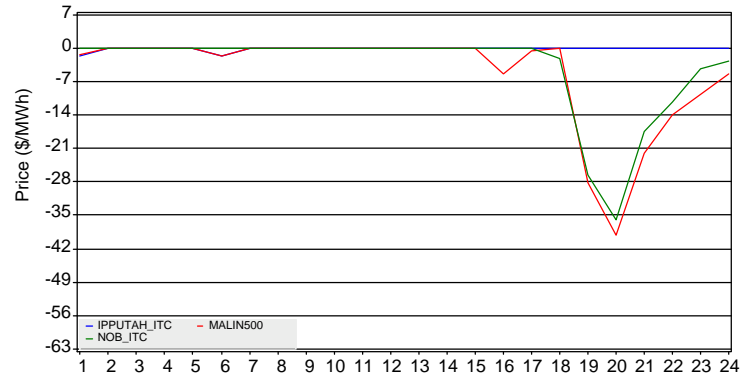
**IFM Trading Hub LMPs**



**Selected IFM Tie Point LMPs**



**Selected IFM Intertie Shadow Prices**



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

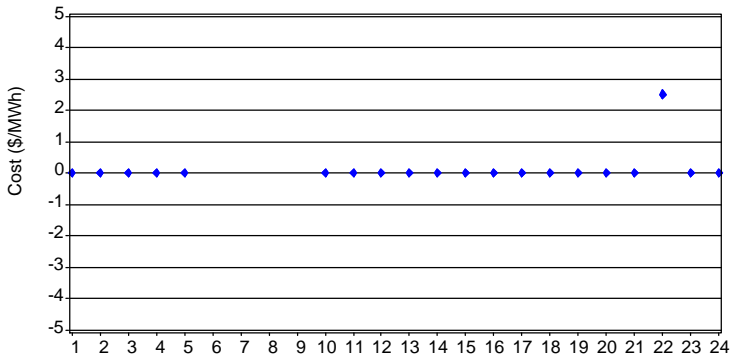
	NP15			SP15			ZP26			PGAE			SCE			SDGE			VEA		
	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min
<b>OFF</b>	41.67	33.85	30.13	43.44	35.05	31.08	41.92	33.84	30.00	43.38	35.03	31.06	44.76	35.86	31.65	45.76	36.77	32.48	42.49	34.76	30.92
<b>ON</b>	78.21	47.47	33.38	81.46	49.85	34.32	79.21	47.29	32.63	81.78	49.71	34.44	84.60	53.12	35.31	85.84	55.06	37.88	81.54	47.41	33.06

**Selected IFM Intertie Congestion Rents**

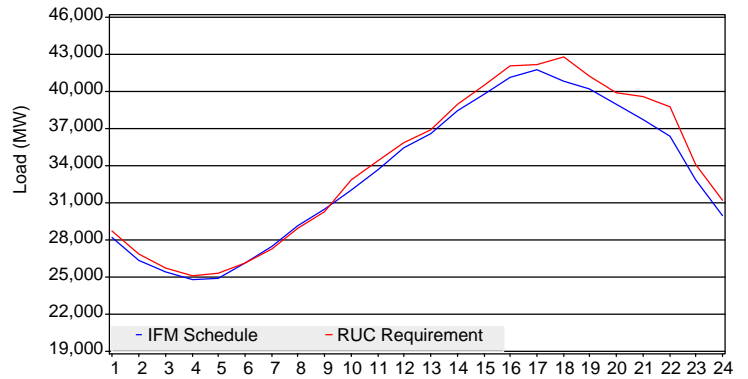
Inter-Tie	Import Rent	Export Rent	Total Rent	Total Rent Percent
MALIN500	\$361,013.38	\$0.00	\$361,013.38	68.85%
NOB_ITC	\$162,710.94	\$0.00	\$162,710.94	31.03%
IPPUTAH_ITC	\$634.10	\$0.00	\$634.10	0.12%

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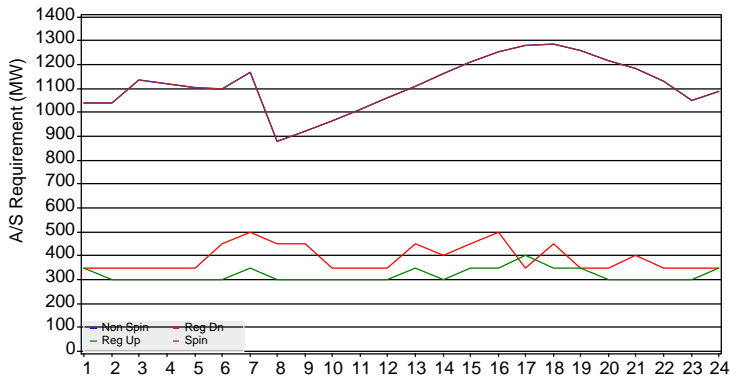
### RUC Cost to Underscheduled Load



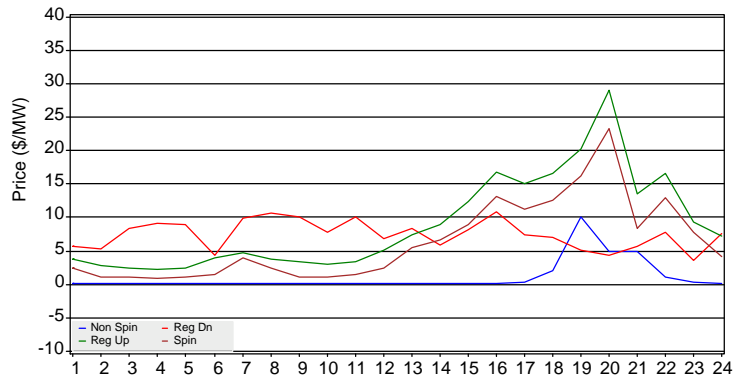
### IFM Cleared Quantity and RUC Requirement



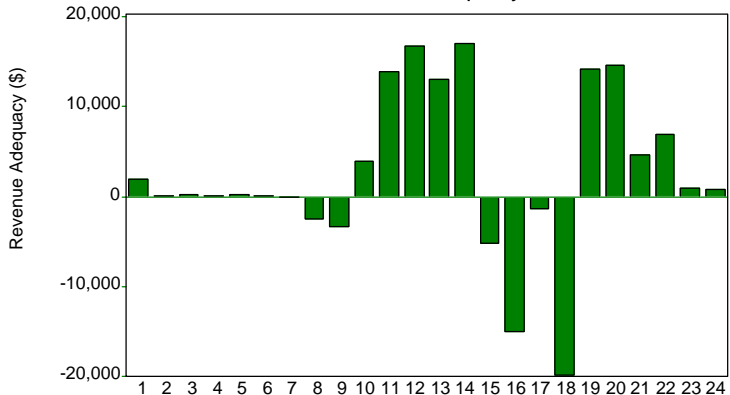
### A/S System Requirement



### A/S Average Price



### CRR Revenue Adequacy



### CRR Statistics

	13JUL2018	Cumulative
CONGESTION RENT	\$987,229.64	\$23,459,670.05
CRR PAYMENT	\$925,384.49	\$21,543,558.32
PERFECT HEDGE	.	\$557,879.24
CLAW BACK	.	\$11,066.17
CRR ADEQUACY	\$61,845.15	\$1,369,298.66
ADEQUACY RATIO	106.68%	106.15%
AUCTION REVENUES	.	\$7,155,271.43
BALANCE ACCOUNT	.	\$8,524,570.09

\*The cumulative cost of perfect hedge is between 01JUL2018 and 10JUL2018

\*The cumulative cost of claw back is between 01JUL2018 and 10JUL2018