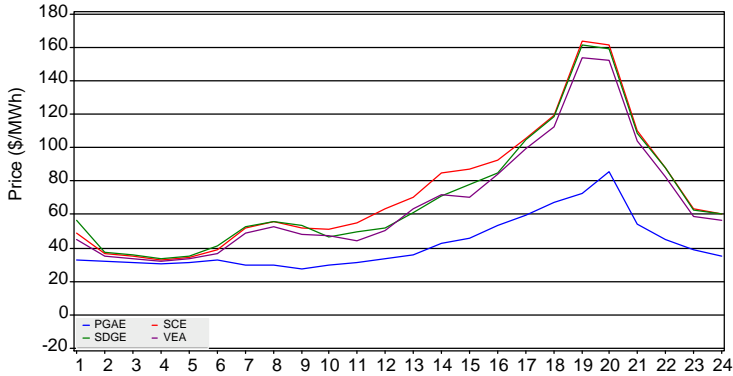


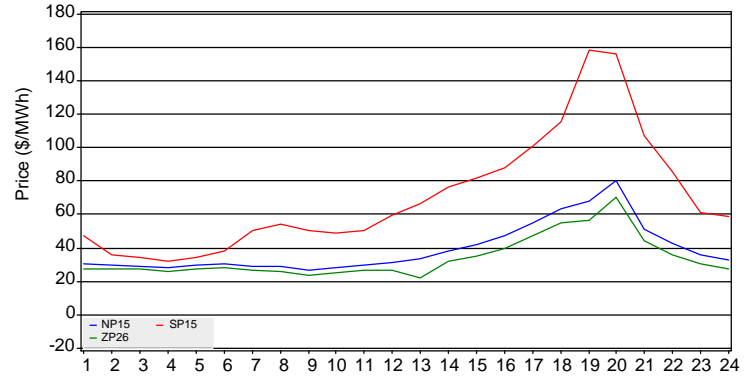
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(Note: An explanation of all metrics is available in the Day-Ahead Daily Market Watch Metric Catalog at <http://www.caiso.com/Documents/Day-AheadDailyMarketWatchMetricCatalog.pdf>)

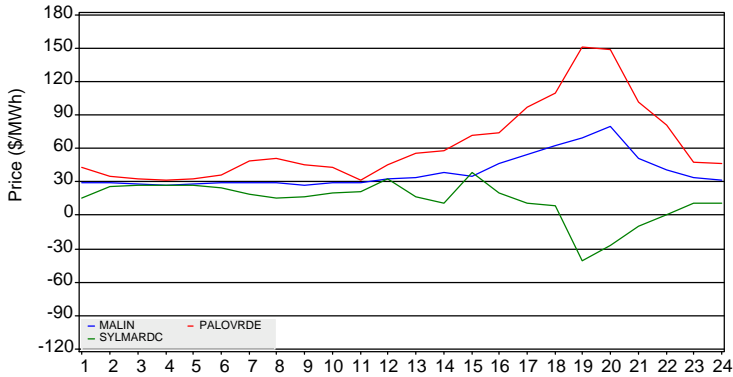
**IFM Default LAP LMPs**



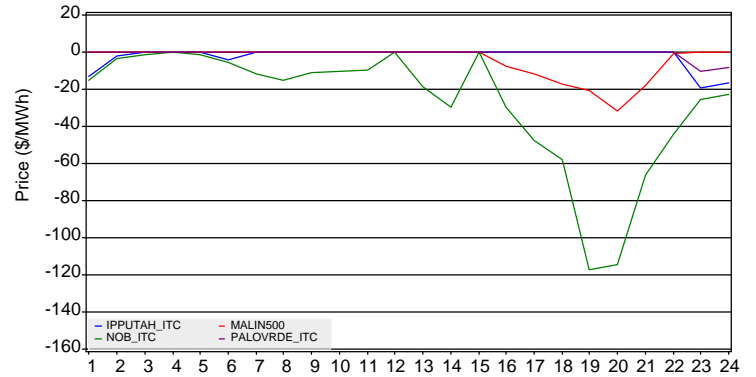
**IFM Trading Hub LMPs**



**Selected IFM Tie Point LMPs**



**Selected IFM Intertie Shadow Prices**



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

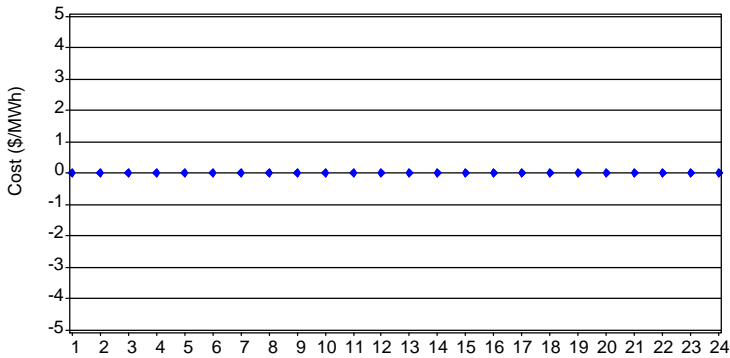
	NP15			SP15			ZP26			PG&E			SCE			SDGE			VEA		
	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min
<b>OFF</b>	35.55	30.78	28.23	61.31	42.74	32.37	30.37	27.73	25.85	38.86	32.93	30.23	63.15	43.77	32.97	62.90	45.39	33.65	59.06	41.39	31.70
<b>ON</b>	80.36	43.43	26.69	158.23	84.45	49.21	70.47	37.11	22.40	85.61	46.60	27.80	163.49	88.18	50.83	161.78	84.11	46.52	153.98	80.36	44.02

**Selected IFM Intertie Congestion Rents**

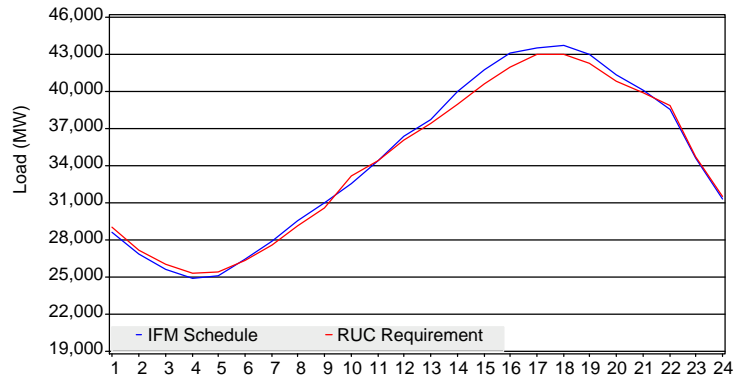
Inter-Tie	Import Rent	Export Rent	Total Rent	Total Rent Percent
NOB_ITC	\$1,072,239.83	\$0.00	\$1,072,239.83	73.30%
MALIN500	\$312,464.09	\$0.00	\$312,464.09	21.36%
PALOVRDE_ITC	\$67,489.42	\$0.00	\$67,489.42	4.61%
IPPUTAH_ITC	\$10,645.17	\$0.00	\$10,645.17	0.73%

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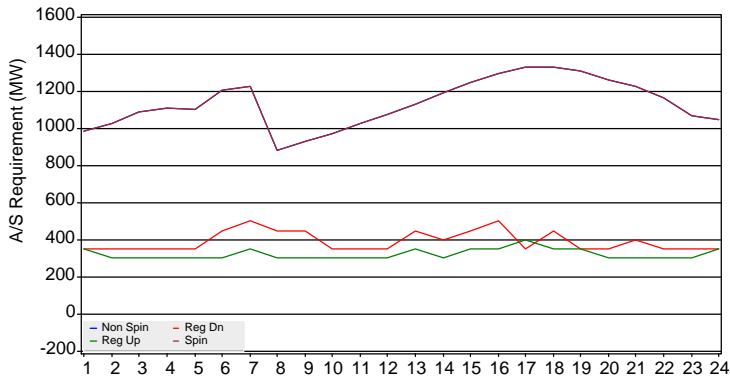
### RUC Cost to Underscheduled Load



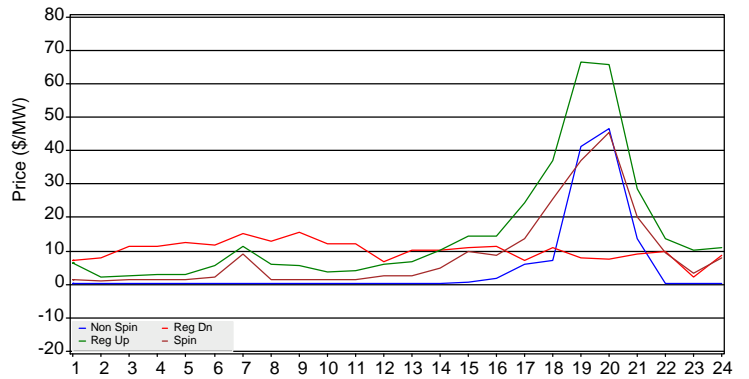
### IFM Cleared Quantity and RUC Requirement



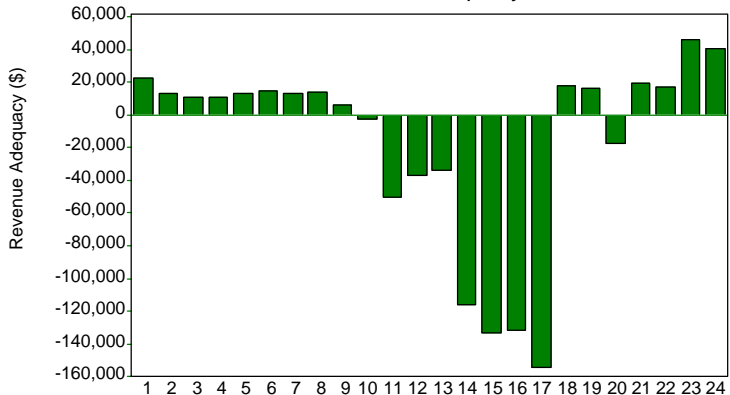
### A/S System Requirement



### A/S Average Price



### CRR Revenue Adequacy



### CRR Statistics

	18JUL2018	Cumulative
CONGESTION RENT	\$5,042,696.29	\$37,935,189.96
CRR PAYMENT	\$5,444,492.09	\$36,604,491.11
PERFECT HEDGE	.	\$556,374.47
CLAW BACK	.	\$14,634.80
CRR ADEQUACY	-\$401,795.80	\$788,959.18
ADEQUACY RATIO	92.62%	102.08%
AUCTION REVENUES	.	\$7,155,271.43
BALANCE ACCOUNT	.	\$7,944,230.61

\*The cumulative cost of perfect hedge is between 01JUL2018 and 15JUL2018

\*The cumulative cost of claw back is between 01JUL2018 and 13JUL2018