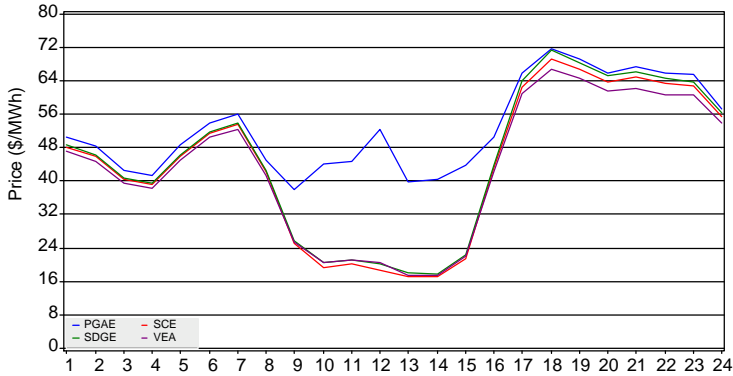


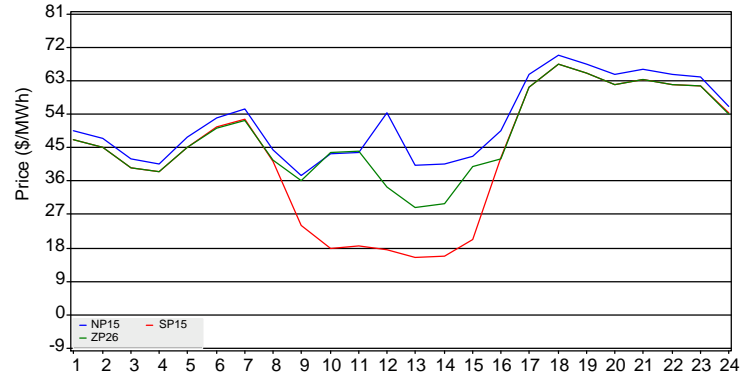
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(Note: An explanation of all metrics is available in the Day-Ahead Daily Market Watch Metric Catalog at <http://www.caiso.com/Documents/Day-AheadDailyMarketWatchMetricCatalog.pdf>)

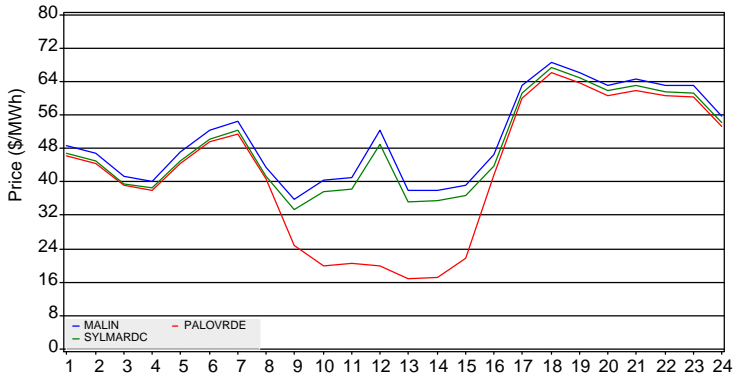
**IFM Default LAP LMPs**



**IFM Trading Hub LMPs**



**Selected IFM Tie Point LMPs**



**Selected IFM Intertie Shadow Prices**

**No Constraint is Binding**

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

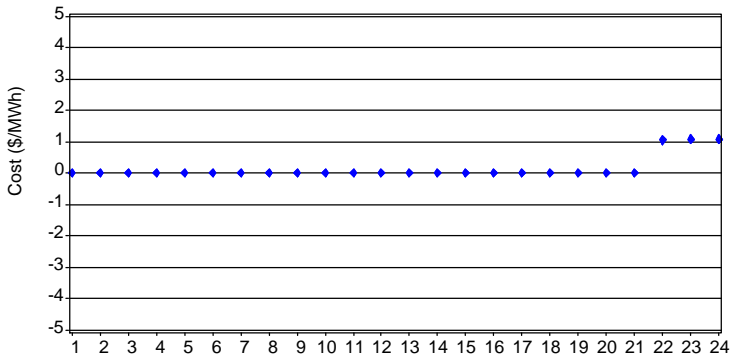
	NP15			SP15			ZP26			PG&E			SCE			SDGE			VEA		
	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min
<b>OFF</b>	64.04	50.14	40.66	61.45	47.73	38.52	61.45	47.67	38.54	65.43	51.00	41.29	62.79	48.58	39.17	63.82	49.15	39.52	60.71	47.41	38.22
<b>ON</b>	70.02	53.09	37.52	67.45	40.45	15.42	67.40	48.33	29.03	71.66	53.78	38.04	69.18	41.72	17.07	71.35	42.84	17.61	66.80	41.07	17.37

**Selected IFM Intertie Congestion Rents**

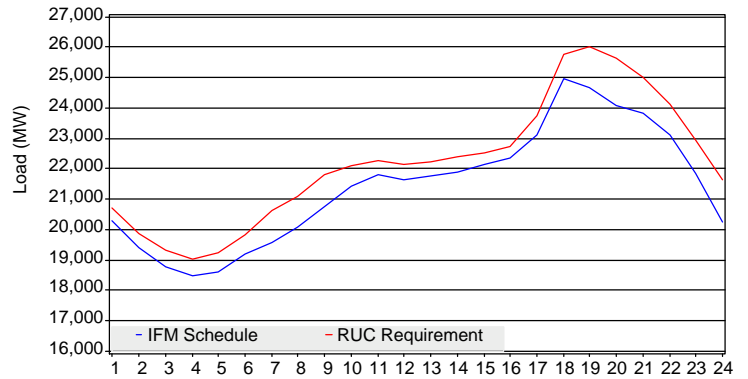
**No Intertie Congestion**

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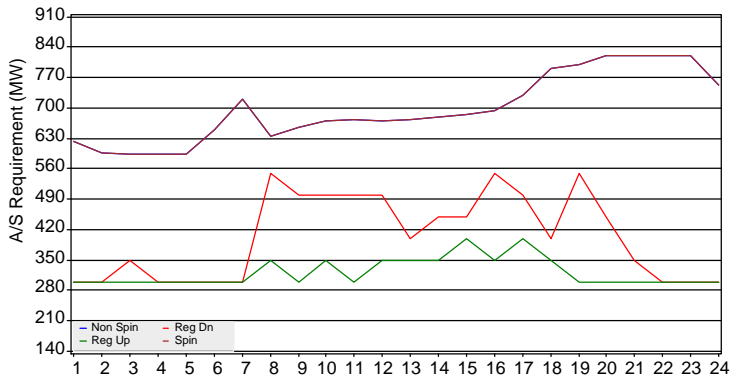
### RUC Cost to Underscheduled Load



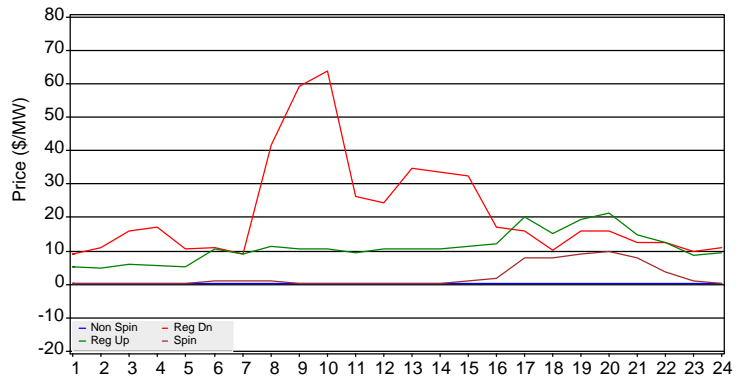
### IFM Cleared Quantity and RUC Requirement



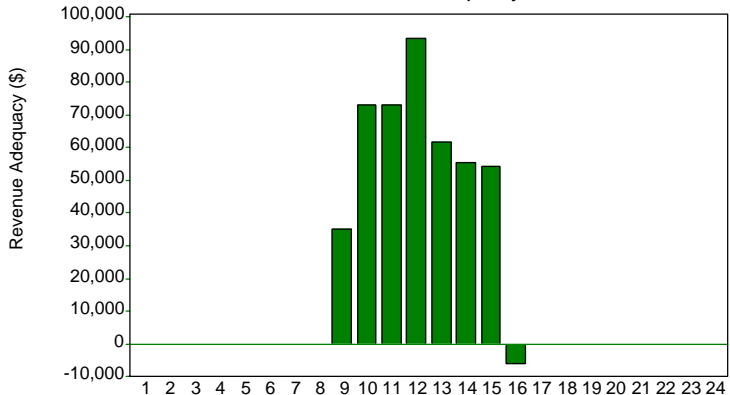
### A/S System Requirement



### A/S Average Price



### CRR Revenue Adequacy



### CRR Statistics

	24NOV2018	Cumulative
CONGESTION RENT	\$363,675.59	\$26,661,715.38
CRR PAYMENT	\$-76,354.84	\$35,056,176.85
PERFECT HEDGE	.	\$-239,888.95
CLAW BACK	.	\$66,038.36
CRR ADEQUACY	\$440,030.43	\$-8,088,534.16
ADEQUACY RATIO	999900.00%	76.58%
AUCTION REVENUES	.	\$7,753,511.72
BALANCE ACCOUNT	.	\$-335,022.43

\*The cumulative cost of perfect hedge is between 01NOV2018 and 20NOV2018

\*The cumulative cost of claw back is between 01NOV2018 and 20NOV2018