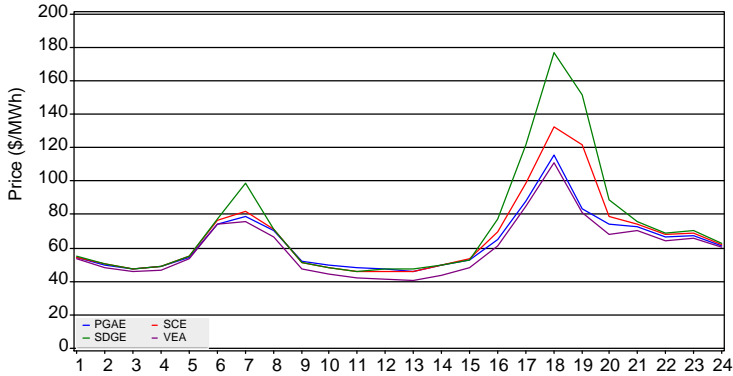


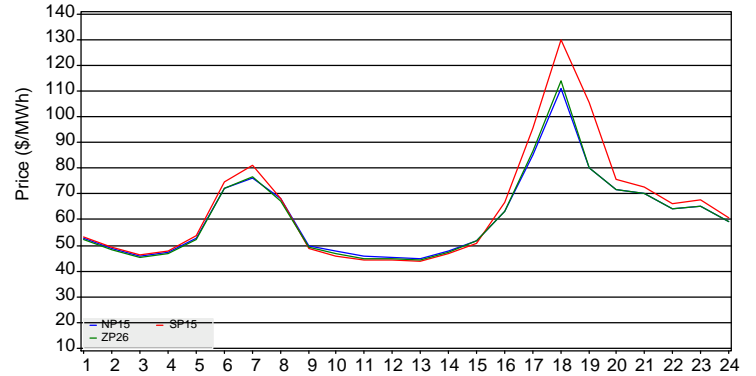
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(Note: An explanation of all metrics is available in the Day-Ahead Daily Market Watch Metric Catalog at <http://www.caiso.com/Documents/Day-AheadDailyMarketWatchMetricCatalog.pdf>)

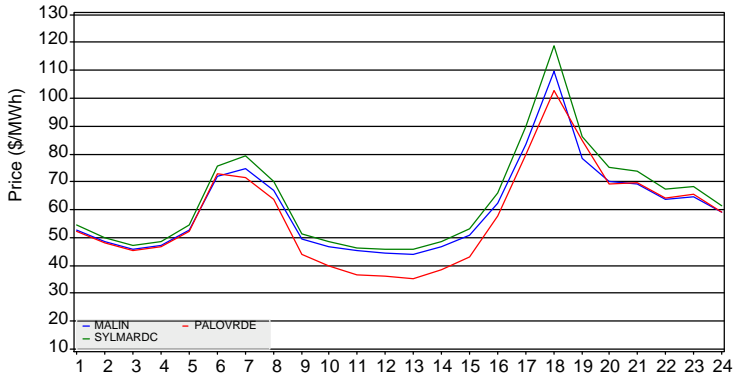
IFM Default LAP LMPs



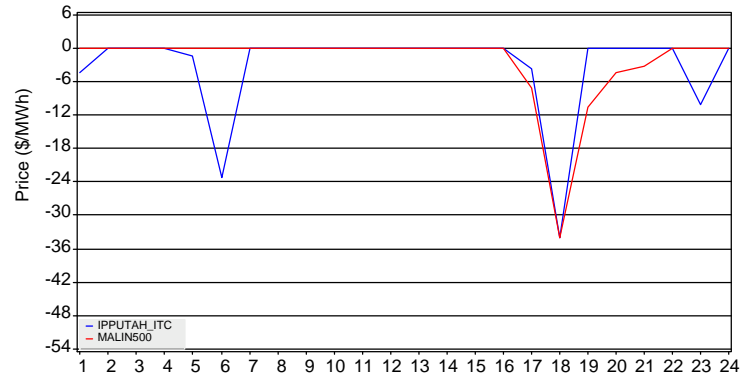
IFM Trading Hub LMPs



Selected IFM Tie Point LMPs



Selected IFM Intertie Shadow Prices



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

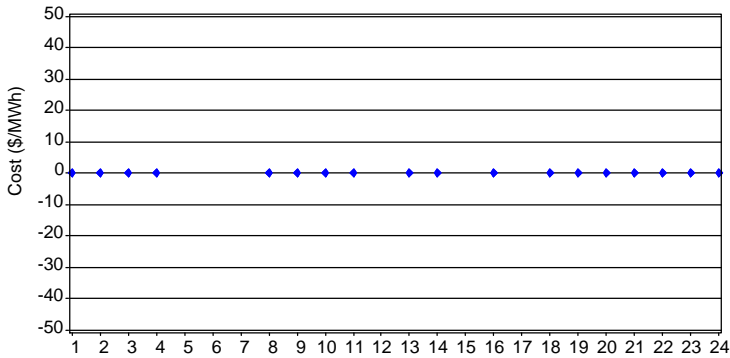
| | NP15 | | | SP15 | | | ZP26 | | | PG&E | | | SCE | | | SDGE | | | VEA | | |
|------------|--------|-------|-------|--------|-------|-------|--------|-------|-------|--------|-------|-------|--------|-------|-------|--------|-------|-------|--------|-------|-------|
| | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min |
| OFF | 72.31 | 55.56 | 46.02 | 74.63 | 56.65 | 46.19 | 72.36 | 55.19 | 45.31 | 74.46 | 57.14 | 47.24 | 76.39 | 57.86 | 47.17 | 77.34 | 58.46 | 47.43 | 74.12 | 55.99 | 45.53 |
| ON | 111.15 | 63.95 | 45.06 | 129.98 | 67.88 | 43.71 | 113.90 | 63.92 | 44.51 | 115.31 | 66.18 | 46.00 | 132.46 | 71.06 | 45.96 | 176.91 | 79.61 | 45.75 | 110.84 | 62.06 | 40.90 |

Selected IFM Intertie Congestion Rents

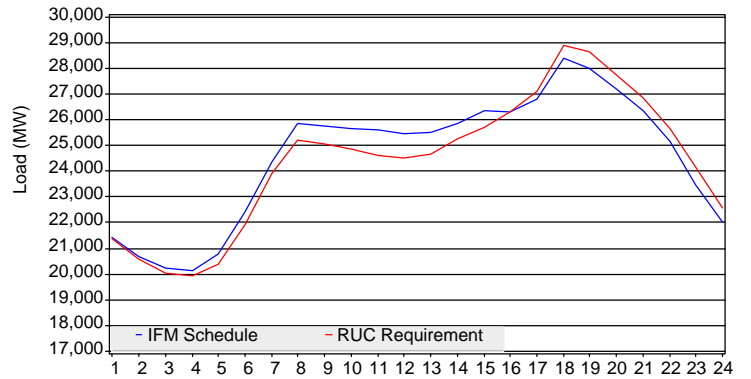
| Inter-Tie | Import Rent | Export Rent | Total Rent | Total Rent Percent |
|-------------|--------------|-------------|--------------|--------------------|
| MALIN500 | \$116,415.33 | \$0.00 | \$116,415.33 | 88.89% |
| IPPUTAH_ITC | \$14,543.47 | \$0.00 | \$14,543.47 | 11.11% |

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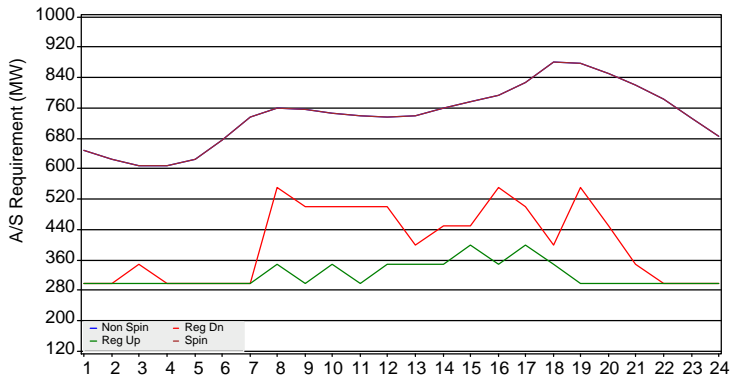
RUC Cost to Underscheduled Load



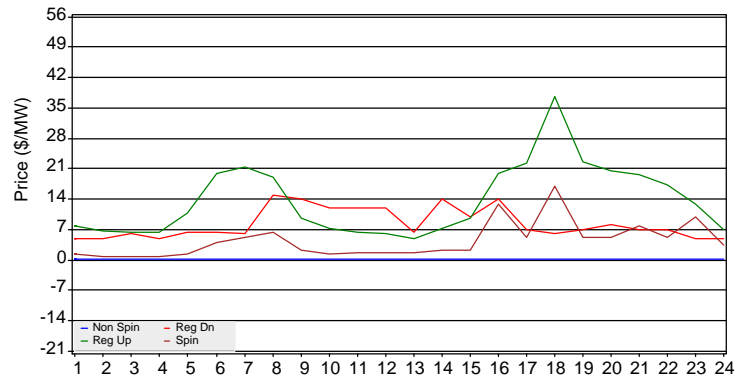
IFM Cleared Quantity and RUC Requirement



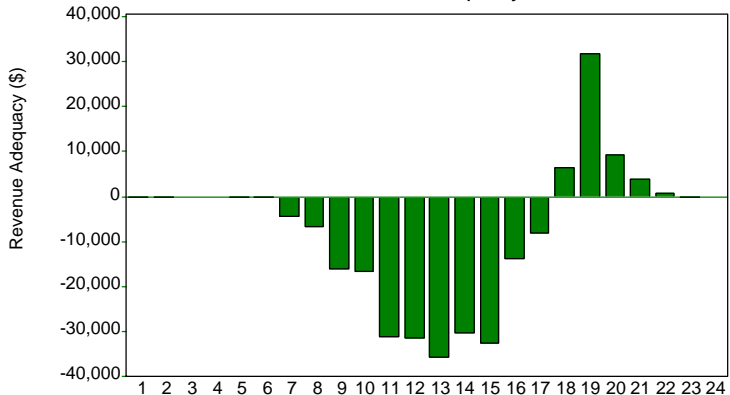
A/S System Requirement



A/S Average Price



CRR Revenue Adequacy



CRR Statistics

| | 16NOV2018 | Cumulative |
|------------------|----------------|-----------------|
| CONGESTION RENT | \$1,415,858.25 | \$19,957,230.18 |
| CRR PAYMENT | \$1,590,417.37 | \$28,726,857.91 |
| PERFECT HEDGE | . | \$266,322.39 |
| CLAW BACK | . | \$58,355.48 |
| CRR ADEQUACY | -\$174,559.12 | -\$8,977,594.65 |
| ADEQUACY RATIO | 89.02% | 68.83% |
| AUCTION REVENUES | . | \$7,753,511.72 |
| BALANCE ACCOUNT | . | -\$1,224,082.93 |

*The cumulative cost of perfect hedge is between 01NOV2018 and 13NOV2018

*The cumulative cost of claw back is between 01NOV2018 and 13NOV2018