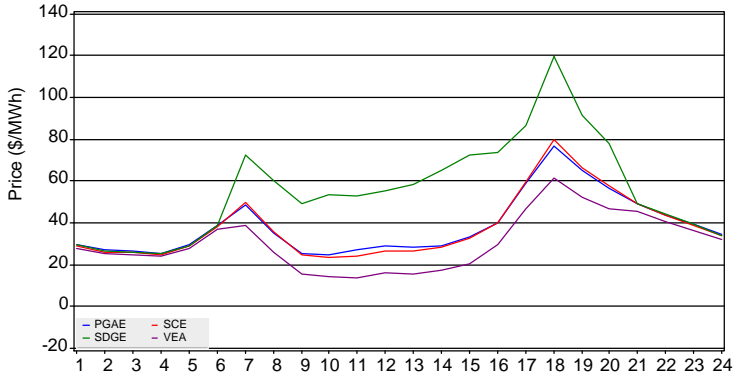


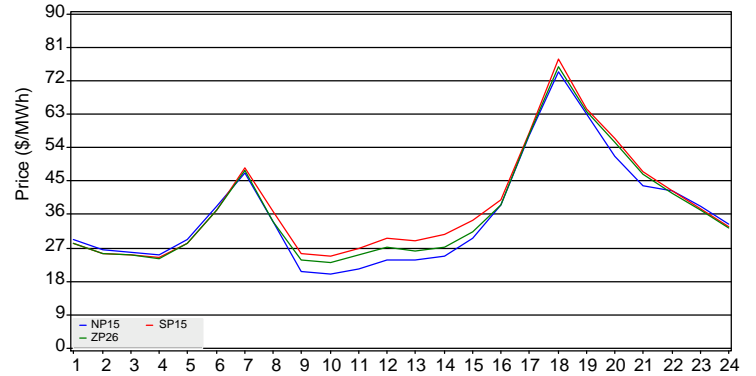
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(Note: An explanation of all metrics is available in the Day-Ahead Daily Market Watch Metric Catalog at <http://www.caiso.com/Documents/Day-AheadDailyMarketWatchMetricCatalog.pdf>)

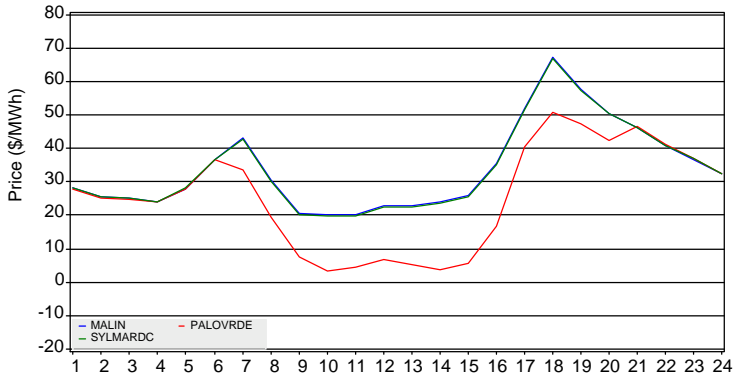
IFM Default LAP LMPs



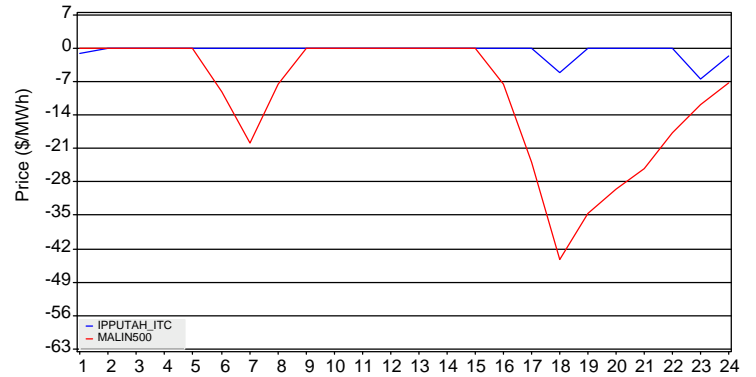
IFM Trading Hub LMPs



Selected IFM Tie Point LMPs



Selected IFM Intertie Shadow Prices



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

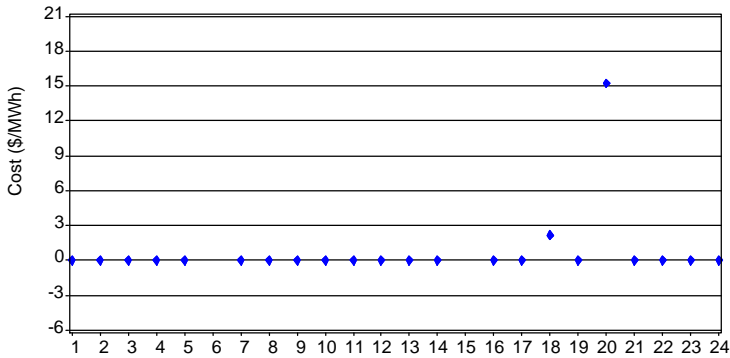
| | NP15 | | | SP15 | | | ZP26 | | | PG&E | | | SCE | | | SDGE | | | VEA | | |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min |
| OFF | 38.17 | 30.69 | 25.02 | 37.62 | 29.91 | 24.41 | 37.22 | 29.70 | 24.23 | 39.18 | 31.37 | 25.55 | 38.81 | 30.69 | 24.92 | 39.29 | 31.01 | 25.20 | 36.77 | 29.45 | 24.14 |
| ON | 74.44 | 38.53 | 19.99 | 77.71 | 42.03 | 24.94 | 75.83 | 40.32 | 23.00 | 76.91 | 41.95 | 24.58 | 79.61 | 41.81 | 23.67 | 119.72 | 67.66 | 43.99 | 61.42 | 31.29 | 13.37 |

Selected IFM Intertie Congestion Rents

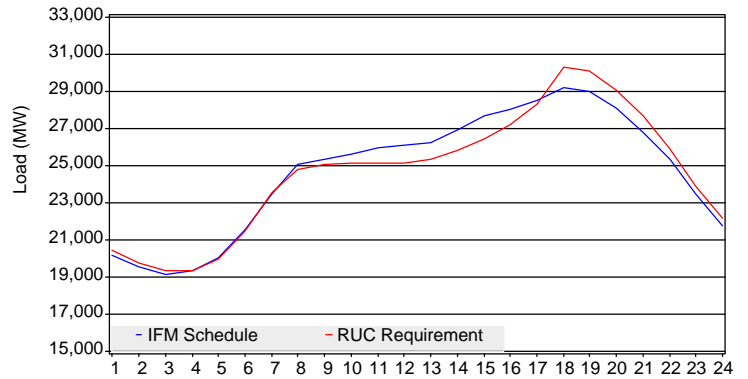
| Inter-Tie | Import Rent | Export Rent | Total Rent | Total Rent Percent |
|-------------|--------------|-------------|--------------|--------------------|
| MALIN500 | \$511,817.48 | \$0.00 | \$511,817.48 | 99.48% |
| IPPUTAH_ITC | \$2,654.22 | \$0.00 | \$2,654.22 | 0.52% |

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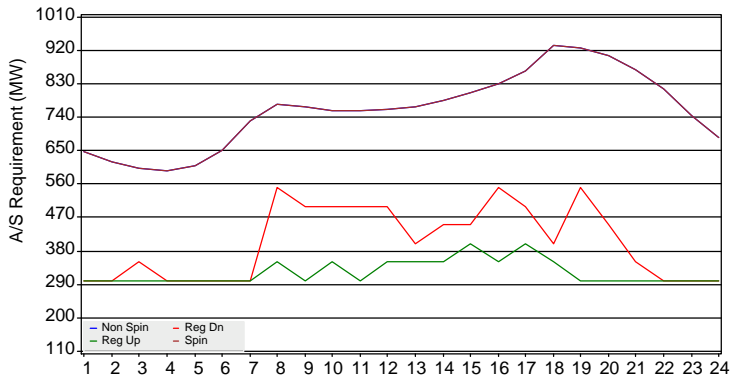
RUC Cost to Underscheduled Load



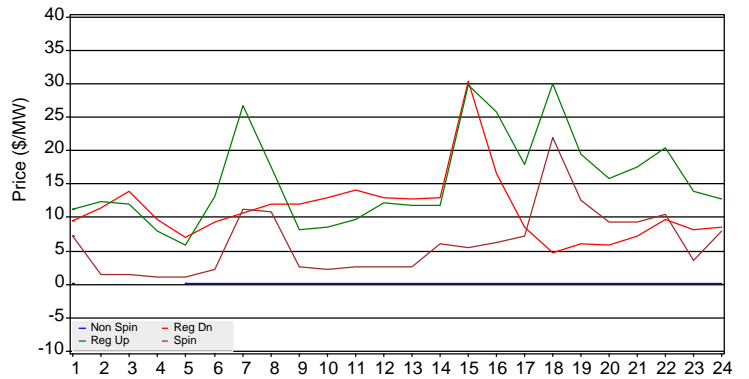
IFM Cleared Quantity and RUC Requirement



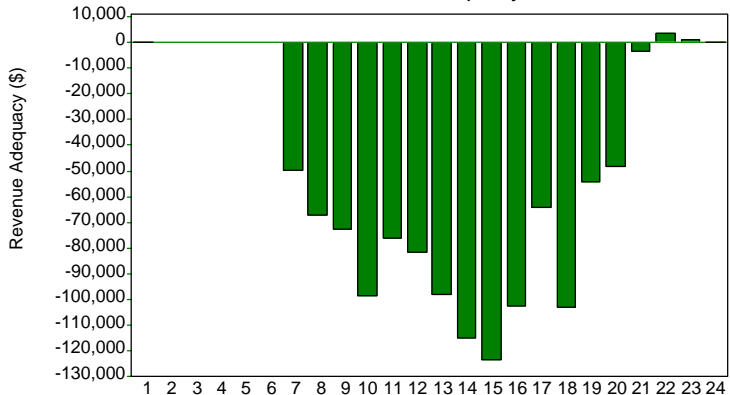
A/S System Requirement



A/S Average Price



CRR Revenue Adequacy



CRR Statistics

| | 05NOV2018 | Cumulative |
|------------------|-----------------|-----------------|
| CONGESTION RENT | \$2,175,766.93 | \$5,328,833.15 |
| CRR PAYMENT | \$3,327,824.45 | \$6,390,863.32 |
| PERFECT HEDGE | . | \$79,060.63 |
| CLAW BACK | . | \$1,874.41 |
| CRR ADEQUACY | -\$1,152,057.53 | -\$1,139,216.39 |
| ADEQUACY RATIO | 65.38% | 82.36% |
| AUCTION REVENUES | . | \$7,753,511.72 |
| BALANCE ACCOUNT | . | \$6,614,295.33 |

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

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