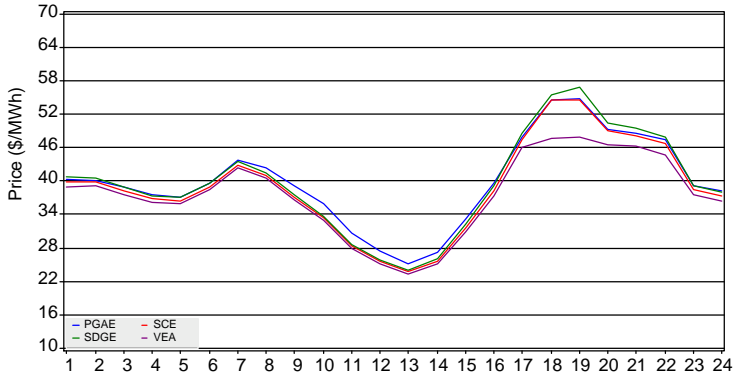


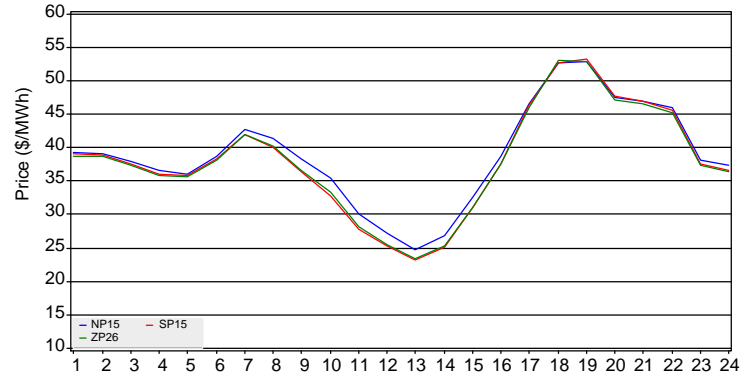
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(Note: An explanation of all metrics is available in the Day-Ahead Daily Market Watch Metric Catalog at <http://www.caiso.com/Documents/Day-AheadDailyMarketWatchMetricCatalog.pdf>)

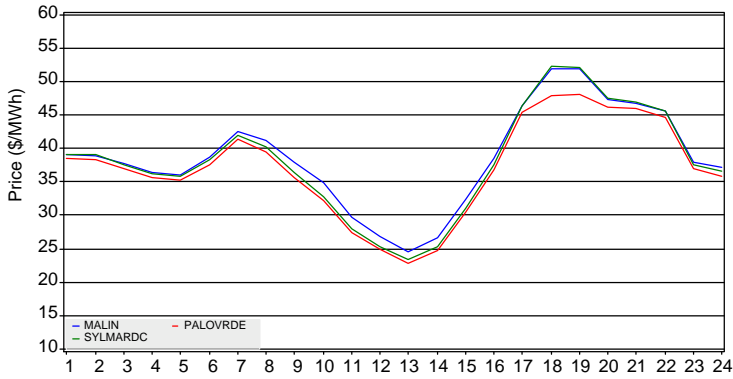
IFM Default LAP LMPs



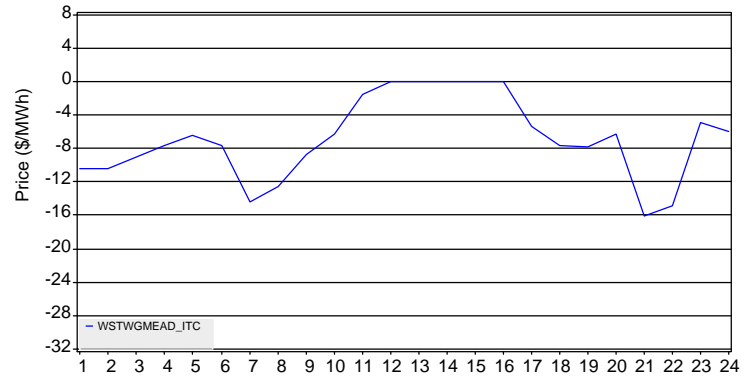
IFM Trading Hub LMPs



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 | 52.79 | 38.89 | 24.78 | 53.27 | 38.08 | 23.27 | 53.13 | 38.01 | 23.31 | 54.76 | 39.91 | 25.16 | 54.64 | 38.92 | 23.67 | 56.89 | 39.66 | 23.97 | 47.96 | 37.56 | 23.25 |

Selected IFM Intertie Congestion Rents

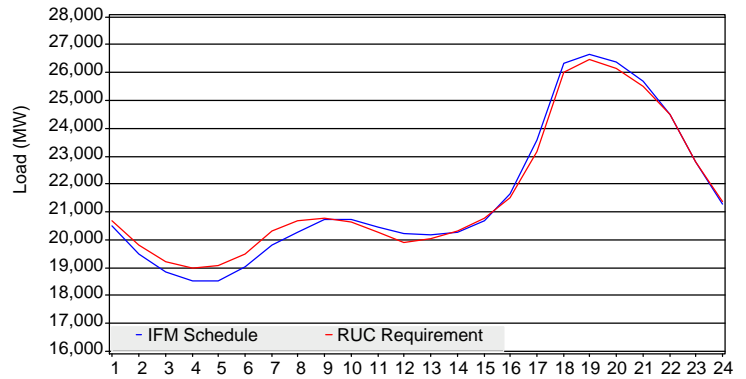
| Inter-Tie | Import Rent | Export Rent | Total Rent | Total Rent Percent |
|---------------|-------------|-------------|-------------|--------------------|
| WSTWGMEAD_ITC | \$26,726.86 | \$0.00 | \$26,726.86 | 100.00% |

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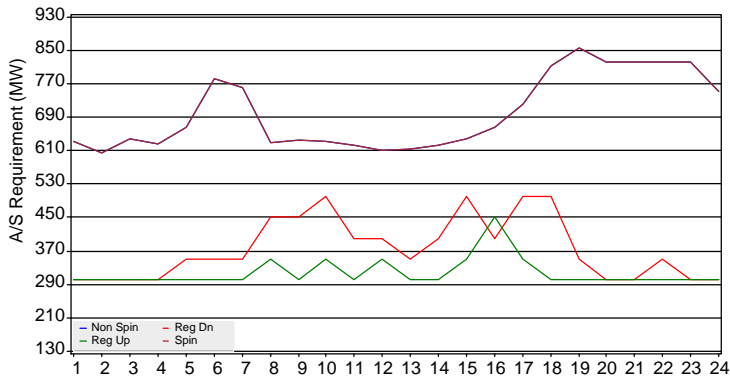
RUC Cost to Underscheduled Load



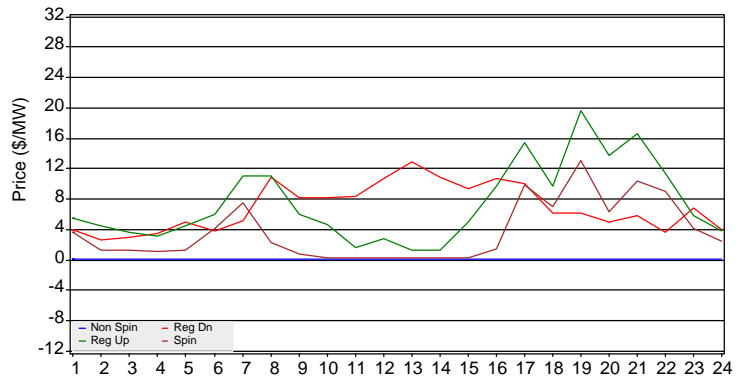
IFM Cleared Quantity and RUC Requirement



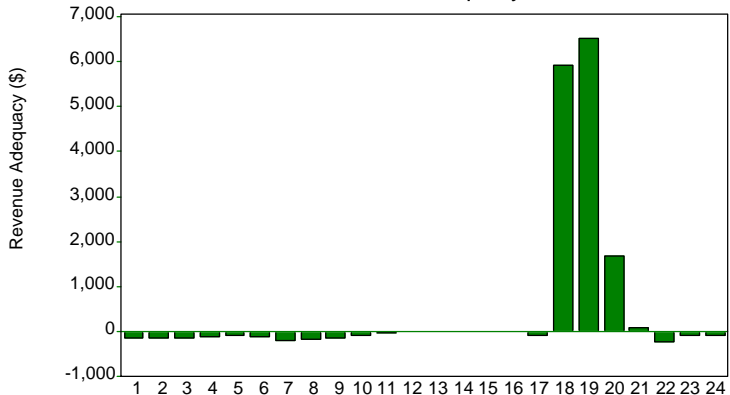
A/S System Requirement



A/S Average Price



CRR Revenue Adequacy



CRR Statistics

| | 23DEC2018 | Cumulative |
|------------------|-------------|-----------------|
| CONGESTION RENT | \$98,539.56 | \$30,651,089.92 |
| CRR PAYMENT | \$86,141.80 | \$28,862,425.78 |
| PERFECT HEDGE | . | \$2,113,055.76 |
| CLAW BACK | . | \$1,575.71 |
| CRR ADEQUACY | \$12,397.76 | \$-322,815.93 |
| ADEQUACY RATIO | 114.39% | 98.95% |
| AUCTION REVENUES | . | \$10,446,912.24 |
| BALANCE ACCOUNT | . | \$10,124,096.32 |

*The cumulative cost of perfect hedge is between 01DEC2018 and 20DEC2018

*The cumulative cost of claw back is between 01DEC2018 and 17DEC2018