

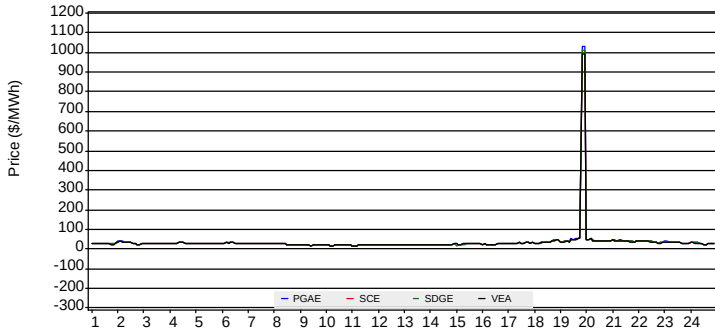
The information contained in this report is preliminary, subject to change without notice. No inference, decision, or conclusion should be made based on the information in this report or any series of these reports. Any questions regarding this report should be directed to CAISO MQR.

# Real-Time Daily Market Watch

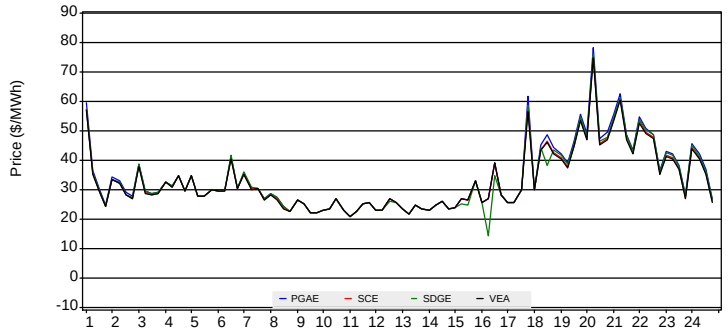
## For Operating Day of Sunday, Jul 30, 2017

(Note: An explanation of all metrics is available in the Real-Time Daily Market Watch Metric Catalog at <http://www.caiso.com/2426/2426bf61d950.html> )

RTD Default LAP LMPs



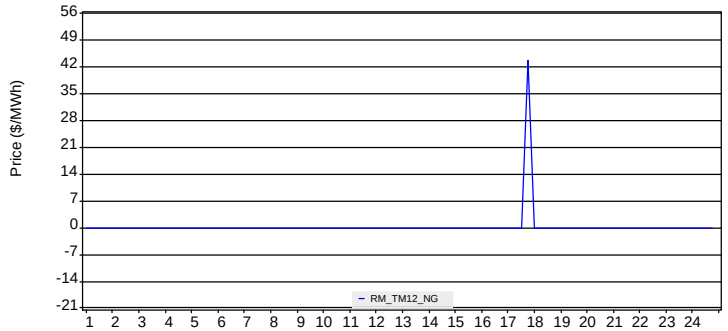
FMM Default LAP LMPs



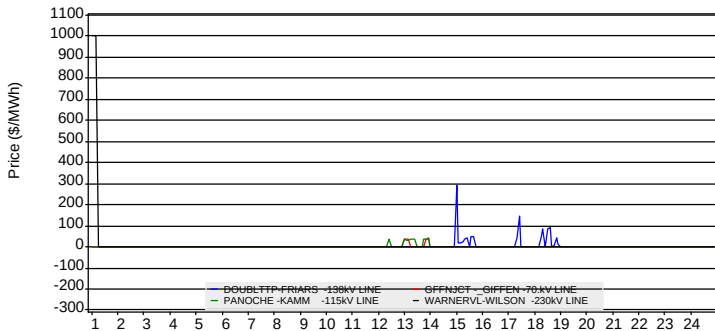
Selected RTD Nomogram Shadow Prices

**No Constraint is Binding**

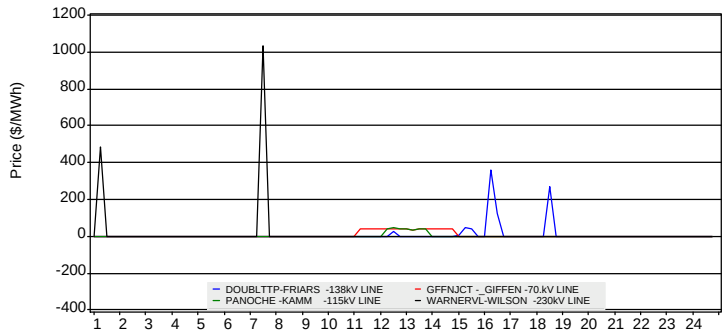
Selected FMM Nomogram Shadow Prices



Selected RTD Transmission Line and Transformer Shadow Prices



Selected FMM Transmission Line and Transformer Shadow Prices



Selected RTD Transmission Corridor Shadow Prices

**No Constraint is Binding**

Selected FMM Transmission Corridor Shadow Prices

**No Constraint is Binding**

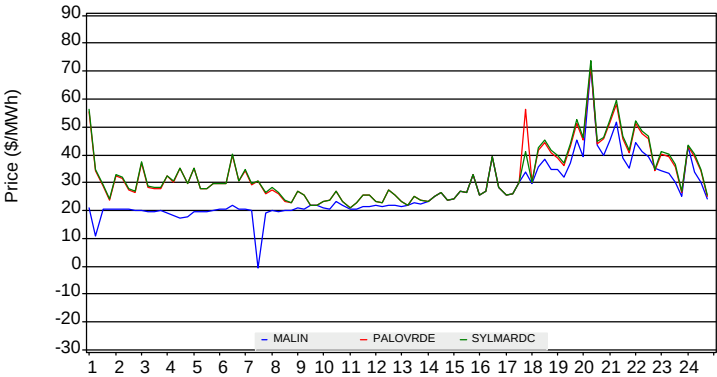
The information contained in this report is preliminary, subject to change without notice. No inference, decision, or conclusion should be made based on the information in this report or any series of these reports. Any questions regarding this report should be directed to CAISO MQR1.

# Real-Time Daily Market Watch

## For Operating Day of Sunday, Jul 30, 2017

(Note: An explanation of all metrics is available in the Real-Time Daily Market Watch Metric Catalog at <http://www.caiso.com/2426/2426bf61d950.html> )

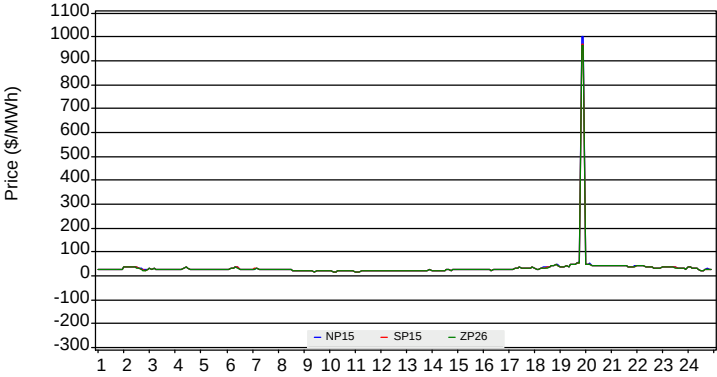
FMM Tie LMPs



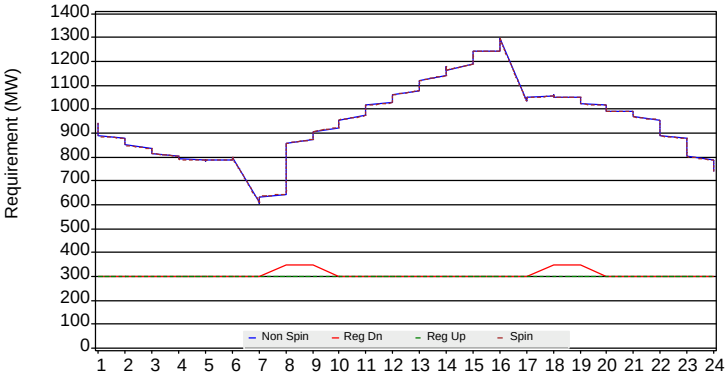
FMM Selected Tie point Shadow Prices

**No Constraint is Binding**

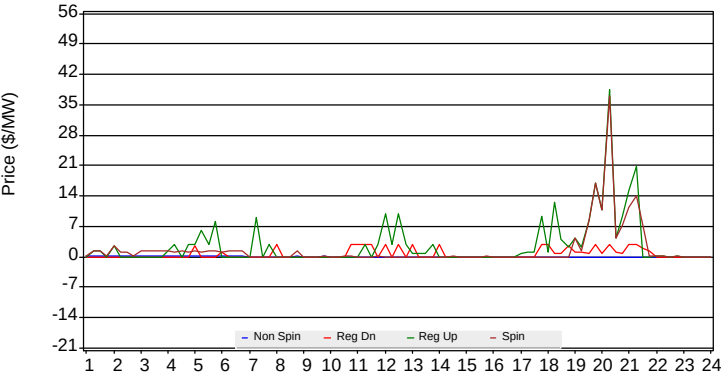
RTD Trading Hub LMPs



A/S Requirements



Average A/S Price

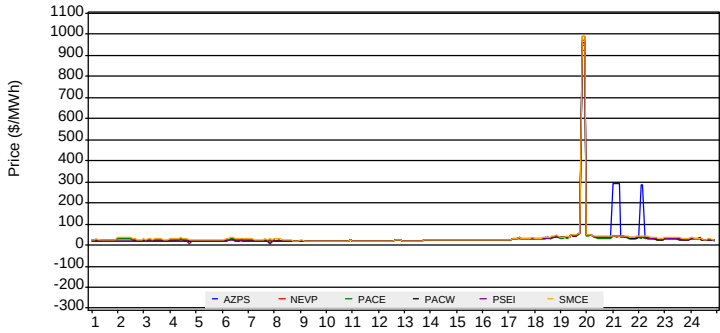


LMP Statistics for On and Off-Peak Hours (\$/MWh)

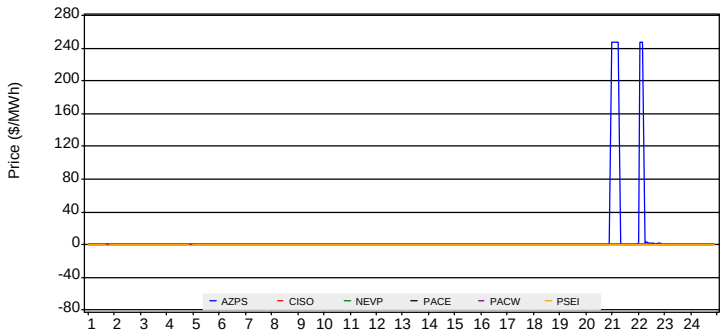
|     | NP15  |       |       | SP15  |       |       | ZP26  |       |       | PGAE |       |       | SCE   |       |       | SDGE |       |       | VEA   |       |       |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|
|     | Max   | Mean  | Min   | Max   | Mean  | Min   | Max   | Mean  | Min   | Max  | Mean  | Min   | Max   | Mean  | Min   | Max  | Mean  | Min   | Max   | Mean  | Min   |
| OFF | 999.4 | 36.09 | 17.92 | 971.4 | 35.57 | 17.92 | 962.2 | 35.36 | 17.92 | 1028 | 36.75 | 17.92 | 997.7 | 36.11 | 17.92 | 1010 | 36.30 | 15.35 | 989.6 | 35.91 | 17.92 |

The information contained in this report is preliminary, subject to change without notice. No inference, decision, or conclusion should be made based on the information in this report or any series of these reports. Any questions regarding this report should be directed to CAISO MQR.

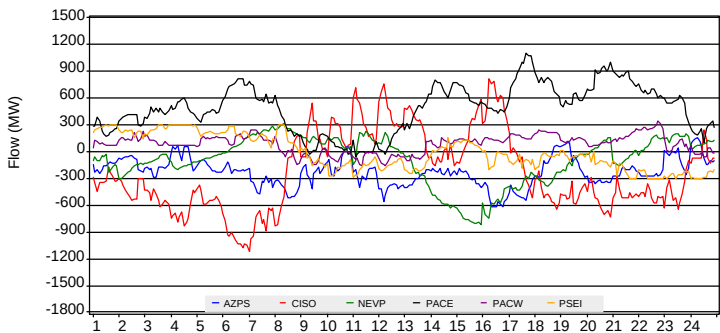
RTD ELAP LMPs and System Energy Prices



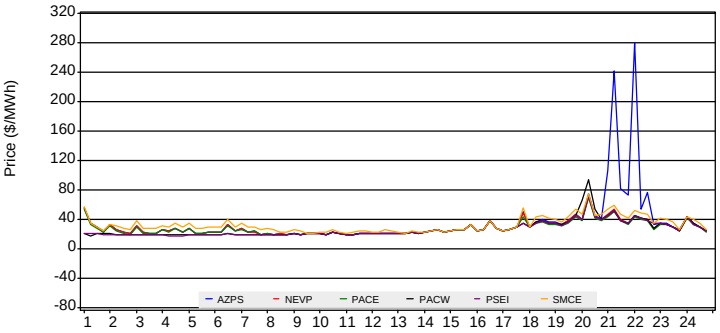
RTD EIM Transfer Limit Shadow Price



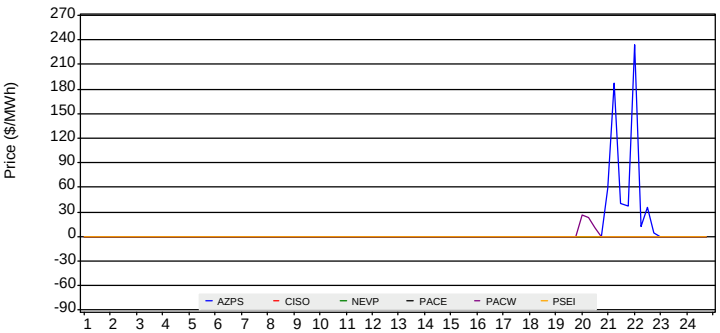
RTD EIM Transfer Flow



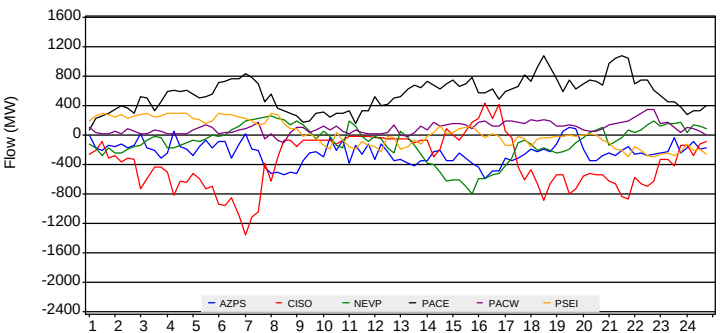
FMM ELAP LMPs and System Energy Prices



FMM EIM Transfer Limit Shadow Price



FMM EIM Transfer Flow



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

|     | PACE   |       |       | PACW   |       |      | NEVP   |       |       | AZPS   |       |       | PSEI   |       |      |
|-----|--------|-------|-------|--------|-------|------|--------|-------|-------|--------|-------|-------|--------|-------|------|
|     | Max    | Mean  | Min   | Max    | Mean  | Min  | Max    | Mean  | Min   | Max    | Mean  | Min   | Max    | Mean  | Min  |
| OFF | 924.72 | 31.70 | 17.92 | 960.67 | 31.55 | 8.59 | 974.24 | 32.70 | 17.92 | 993.00 | 38.16 | 17.92 | 950.67 | 31.49 | 8.55 |