

# PJM 5/1 Info. MRC CP Penalty Rate Packages

Examples below use 3/4 DY RTO LDA clearing price and Net CONE (where applicable).

|                         | <u>PAI Charge Rate</u>                                  | <u>Stop-Loss Limit (SLL)</u>                             | <u>PAI Trigger Details *</u> |
|-------------------------|---|--|------------------------------|
| <b>Status Quo (SQ):</b> | Modeled LDA Net CONE ICAP/30 hrs. (\$/MWh)              | 1.5x Net CONE ICAP (\$ MW-year basis)                    | <u>(see next slide)</u>      |
| <b>SQ Rate:</b>         | \$3,177   | \$142,952  |                              |
| <b><u>Packages:</u></b> |   |  |                              |
| <b><u>LS Power:</u></b> | <u>PAI Charge Rate</u>                                  | <u>Stop-Loss Limit (SLL)</u>                             |                              |
| <b>Main:</b>            | SQ PAI Rate: Modeled LDA Net CONE/30*                   | 1.5x BRA Clearing Price*<br>Applies 3/4 DY & 4/5 DY      |                              |
| <b>Rate:</b>            | \$3,177/MWh*  | \$17,744 MW-year   |                              |
| <b><u>AMP:</u></b>      | <u>PAI Charge Rate</u>                                  | <u>Stop-Loss Limit (SLL)</u>                             |                              |
| <b>Alternate:</b>       | (BRA Price * 365)/30<br>Applies to 3/4 DY & 4/5 DY      | 1.5x BRA Clearing Price<br>Applies 3/4 DY & 4/5 DY       |                              |
| <b>Rate:</b>            | \$394 /MWh  | \$17,744 MW-year   |                              |
| <b><u>IMM:</u></b>      | <u>PAI Charge Rate</u>                                  | <u>Stop-Loss Limit (SLL)</u>                             |                              |
| <b>Alternate:</b>       | (BRA Price * 365)/30<br>Applies until CIFP-RA approved* | 2x BRA Clearing Price<br>Applies until CIFP-RA approved* |                              |
| <b>Rate:</b>            | \$394/MWh   | \$23,659 MW-year   |                              |

Note: PAI Rate & SLL applied to cleared commitment in UCAP terms; SLL is in \$ MW-year; \* denotes change from 4/26 MRC

# 5/1 MRC Packages: PAI Trigger Details

## PAI Trigger – Full Details:

### SQ PAI Triggers:

See M18, section 8.4A: Pre-Emergency Load Management Reduction Action • Emergency Load Management Reduction Action • Primary Reserve Warning • Maximum Generation Emergency Action • Emergency Voluntary Energy Only Demand Response Reductions • Voltage Reduction Warning and Reduction of Non-Critical Plant Load • Curtailment of Non-Essential Business Load

- Deploy All Resources Action • Manual Load Dump Warning • Voltage Reduction Action
- Manual Load Dump Action • Load Shed Directive

### MRC Packages:

**PAI Trigger (all Packages changed since 4/26 MRC)**

### LS Power Main:

RT Shortage Pricing for RZ or RS for the Primary Reserve or Synchronized Reserve products And EA higher than Pre-Emergency DR for same RZ or RS. **Or:** Voltage Reduction Warning or Voltage Reduction Action or Manual Load Dump Warning or Manual Load Dump Action.  
Applies 3/4 DY and forward (i.e. until changed).\*

### AMP Alternate:

Per IMM Proposal (see next)\*

### IMM Alternate:

Primary reserve Shortage in a RZ or RS And EA for the same RZ or RS; EA list excludes Pre-Emergency Load Management Reduction Action, Emergency Load Management Reduction Action, Emergency Voluntary Energy Only Demand Response Reduction Action. **Or:** Deploy All Resources Action, Voltage Reduction Action, Manual Load Dump Action, Load Shed Directive. \*

**Note: RZ = reserve zone; RS = reserve subzone; \* denotes change from 4/26 MRC.**