

# Impact Assessment of Parking Deck NPRRs/SCRs/NOGRRs

## Phase 1

**Board of Directors Meeting  
March 22, 2011**

## Parking Deck Impact Assessment – Agenda

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## Parking Deck Impact Assessment – Reminder

- REMINDER: We are reviewing the Impact Analysis and CBA documents for the first group of the Parking Deck items (Phase 1)
- Delivery targets for each NPRR/SCR/NOGRR are based on the results of the IA/CBA, resource availability and complexity
- The IAs and CBAs have been endorsed in the stakeholder process
  - Endorsement by COPS, WMS, RMS, ROS, and PRS in February
  - Endorsement by TAC in March
- Remaining phases of the Parking Deck IAs and CBAs will be reviewed in the stakeholder process in the months ahead

# Impact Analysis Results – Phase 1 Items

- **2011 Implementation Recommended**

- NPRR208 – Registration & Settlement of Distributed Generation (DG) Less Than 1 MW
  - Est. Cost = \$5k-\$10k      Target Delivery = September 2011      Priority = Critical
  - 150 day notice required
- NPRR251 – Sync PRR845, Definition for IDR Meters and Optional Removal of IDR Meters at a Premise Where an Advanced Meter Can be Provisioned
  - Est. Cost = \$30k-\$50k      Target Delivery = June 2011      Priority = High
- NPRR282 – Dynamic Ramp Rates Use in SCED
  - Est. Cost = \$30k-\$35k      Target Delivery = June 2011      Priority = Critical
- NPRR285 – Generation Resource Base Point Deviation Charge Corrections
  - Est. Cost = \$30k-\$40k      Target Delivery = May 2011      Priority = Critical
- NPRR293 – Requirement to Post PTP Obligation Quantities Awarded in DAM
  - Est. Cost = \$12k-\$15k      Target Delivery = May 2011      Priority = High

- **All of these NPRRs will be funded from the Parking Deck portion of the post Go-Live funds authorized by the Board as part of the 2011 ERCOT budget**

## Impact Analysis Results – Phase 1 Items

- **Implementation Not Recommended at This Time**

- NPRR219 – Resolution of Alignment Items A33,A92,A106,A150 - TSPs Must Submit Outages for Resource Owned Equipment & Clarification of Changes in Status of Transmission Element Postings
  - Priority = Critical
    - TAC recommends Priority change to Medium
  - Cost to implement greatly exceeds the offsetting labor savings achieved with this project (\$565k-\$750k)
  - ERCOT is performing a manual workaround until an acceptable alternative is developed (1.25 contract resources)
  - Need to consider alternate approaches or combining with one or more related efforts
- NOGRR050 – Resolution of Reporting Issues Related to NPRR219
  - Priority = Critical
    - TAC recommends priority change to Medium
  - Not recommended at this time due to its connection to NPRR219

## Parking Deck Impact Assessment – Approval Consideration

- Seeking Board approval of the TAC recommendation on the impact assessment for the following revision requests:

### 2011 Implementation

- NPPRR208
- NPPRR251
- NPPRR282
- NPPRR285
- NPPRR293

### Future Implementation Consideration

- NPPRR219
- NOGRR050

- By approving these items, the Board endorses the delivery targets for the revision requests listed above. Items not targeted for delivery in 2011 will be considered in a future year as part of the release planning process.

# Appendix

## Parking Deck Impact Assessment & Prioritization – Origin

- PRR799 (approved 2/2009) allowed ERCOT to defer the impact assessment of revision requests requiring system changes that were deemed not needed for Nodal go-live by the ERCOT CEO
- The stakeholder approval process proceeded on these items with the understanding that impact assessment would be done at a later time
- These deferred items were housed in the Parking Deck and included a Board-approved Priority
  - 26 items were on the Parking Deck at Nodal go-live



## Parking Deck Impact Assessment & Prioritization – Recent Events

- In November 2010, ERCOT began planning for the impact assessment of the Parking Deck items
- A limited number of items were selected in the first phase of the Parking Deck impact assessment to avoid impacts to Nodal Stabilization resources
- Further analysis by ERCOT suggests the need for 3 more impact assessment phases
- A special PRS meeting was held on January 27 to review ERCOT's assessment recommendation and the rationale behind it. Market input was provided and incorporated into the contents of each phase.

## Parking Deck Impact Assessment & Prioritization – Guidelines

- Guidelines for Determining Placement of a Parking Deck Item in the Impact Assessment Phases
  - Priority
  - Perceived impact on reliability and the market based on our experience since Nodal go-live
  - Availability of Resources to Conduct Impact Assessments
  - Complexity
  - Elimination of Manual Workarounds

# Parking Deck Prioritization

- **Phase 2 of Parking Deck IAs and CBAs**

- NPPR210: Wind Forecasting Change to P50, Sync with PRR841
- NPPR240: Proxy Energy Offer Curve
- NPPR241: Aggregate Incremental Liability (AIL) Calculation and Credit Reports Publish Corrections
- NPPR244: Clarification of Other Binding Documents
- NPPR256: Sync Nodal Protocols with PRR787, Add Non-Compliance Language to QSE Performance Standards
- SCR755: ERCOT.com Website Enhancements

- **Proposed Schedule**

- February/March                      - IA/CBA development
- March                                      - Market subcommittee review
- April                                        - Market subcommittee endorsement
- May                                         - TAC and Board consideration

# Parking Deck Prioritization

- **Phase 3 of Parking Deck IAs and CBAs**

- NPRR131: Ancillary Service Trades with ERCOT
  - May move from Phase 3 to TBD based on outcome of a revision that is being drafted
- NPRR181: FIP Definition Revision
- NPRR207: Unit Deselection
- NPRR222: Half-Hour Start Unit RUC Clawback
- NPRR257: Synchronization with Nodal Operating Guide Section 9, Monitoring Programs
  - Due to complexity, IA/CBA development might not finish until Phase 4
- NPRR258: Sync with PRR824 and PRR833 and Additional Clarifications
- NPRR260: Providing Access to MIS Secure Area to MIS Registered Users
- NPRR272: Definition and Participation of Quick Start Generation Resources
- NOGRR034: Rescind Telemetry Performance Calculation Exclusions

- **Proposed Schedule**

- |             |                                   |
|-------------|-----------------------------------|
| – April/May | - IA/CBA development              |
| – May       | - Market subcommittee review      |
| – June      | - Market subcommittee endorsement |
| – July      | - TAC and Board consideration     |

# Parking Deck Prioritization

- **Phase 4 – Final Phase of Parking Deck IAs and CBAs**
  - NPRR146: ICCP Telemetry Information Submittals
  - NPRR153: Generation Resource Fixed Quantity Block Offer
- **Proposed Schedule**
  - June/July                      - IA/CBA development
  - July                              - Market subcommittee review
  - August                         - Market subcommittee endorsement
  - September                    - TAC and Board consideration
- **TBD**
  - NPRR164: Resubmitting Ancillary Service Offers in SASM
    - Pending resolution of NPRR307
- **This would conclude the Impact Analysis and CBA development of the Board-approved Parking Deck items**

## It's Time to Look Forward to 2011...

### 5. Review Assumptions and Preliminary Schedules for the 2011 Annual Operating Budget: Summarize Current Status

Proposed Post Go-Live Charges by Category	Amount (\$000s)
Nodal Market Stabilization Project	\$ 11,264
Hardware and Software Systems License and Maintenance	7,820
"Parking Deck" Initiatives	3,250
Deferred Defects and Workaround Processes	2,550
Decommissioning Efforts	307
Total	\$ 25,191



October 18, 2010

Finance & Audit Committee Meeting

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