
TAC Update

Brad Jones and Kenan Ogelman
TAC Chair and Vice Chair

ERCOT Board Meeting

October 18, 2011

Summary of TAC Update

Revision Requests Unanimously Recommended for Approval by TAC:

- NPRR364, Clarify Active and Inactive SCED Constraint Reporting
- NPRR370, Supplementary Ancillary Services Market Modifications
- NPRR389, Modification of Voltage Support Requirements to Address Existing Non-Exempt WGRs
- NPRR391, Shortening RTM Settlement and Payment Timeline and Eliminate ACH as a Mode of Payment
- NPRR400, Eliminate Unsecured Credit for CRR Auctions and for Future Credit Exposure and Eliminate Netting of FCE with CCE – URGENT

Review of Revision Request Changes to Project Prioritization List

Notice of Guide Revisions Approved by TAC

Future Agenda Items

Holistic Approach to Congestion Irresolvable by SCED (Vote)

**Revision Requests Unanimously Recommended
for Approval by TAC**

NPRR364, Clarify Active and Inactive SCED Constraint Reporting

Purpose (ERCOT)	This NPRR clarifies the reporting requirements for Security-Constrained Economic Dispatch (SCED) constraints and aligns the Protocols with current practices.
TAC Decision	On 9/1/11, TAC unanimously voted to recommend approval of NPRR364 as recommended by PRS in the 8/18/11 PRS Report.
Effective Date/Priority	November 1, 2011
ERCOT Impact	No Impacts

NPRR370, Supplementary Ancillary Services Market Modifications

Purpose (Morgan Stanley)	This NPRR corrects the Supplemental Ancillary Services Market (SASM) to eliminate the notice periods when ERCOT needs to strike a SASM for Ancillary Services that are undeliverable or the result of a Qualified Scheduling Entity's (QSE's) failure to provide the service.
TAC Decision	On 9/1/11, TAC unanimously voted to recommend approval of NPRR370 as recommended by PRS in the 8/18/11 PRS Report.
Effective Date/Priority	November 1, 2011
ERCOT Impact	No Impacts

NPRR389, Modification of Voltage Support Requirements to Address Existing Non-Exempt WGRs

Purpose (ERCOT)	This NPRR clearly defines the Reactive Power capability requirements for Wind-powered Generation Resources (WGRs) that commenced operation on or after February 17, 2004, and have a signed Standard Generation Interconnection Agreement (SGIA) on or before December 1, 2009 (Existing Non-Exempt WGRs).
TAC Decision	On 9/1/11, TAC unanimously voted to recommend approval of NPRR389 as amended by the 8/26/11 E. On comments and as revised by TAC.
Effective Date/Priority	November 1, 2011
ERCOT Impact	Minor impacts to ERCOT business functions.

NPRR391, Shortening RTM Settlement and Payment Timeline and Eliminate ACH as a Mode of Payment

Purpose (ERCOT)	This NPRR shortens the posting timeline for the Real-Time Initial Statement by one Business Day, and shortens cash clearing for the Settlement Invoices in which it will be included by one Bank Business Day. This NPRR also eliminates the option of making payments using Automated Clearing House (ACH) funds.
TAC Decision	On 9/1/11, TAC unanimously voted to recommend approval of NPRR391 as revised by TAC.
Effective Date/Priority	December 1, 2011 for all language except paragraphs (1) and (2) of Sections 9.7.1, which will be upon system implementation.
ERCOT Impact	Impacts to Settlements and Billing data configuration; minor impacts to ERCOT business functions; no impacts to ERCOT grid operations and practices. ERCOT proposes that this NPRR take effect along with the implementation of NPRR347, Single Daily Settlement Invoice.

NPRR400, Eliminate Unsecured Credit for CRR Auctions and for Future Credit Exposure and Eliminate Netting of FCE with CCE - URGENT

Purpose (ERCOT)	This NPRR requires that the Future Credit Exposure (FCE) component of the collateral calculation and the CRR Auction credit limit be collateralized with cash, letter of credit or a surety bond. This NPRR also eliminates netting of FCE with Current Credit Exposure (CCE) for all Counter-Parties.
TAC Decision	On 10/6/11, TAC unanimously voted to recommend approval of NPRR400 as recommended by PRS in the 9/22/11 PRS Report as amended by the 10/5/11 ERCOT comments and as revised by TAC.
Effective Date/Priority	Upon System Implementation – Priority Critical; Rank 9.44
ERCOT Impact	\$230k - \$255k (PPL Funding), impacts to Credit Monitoring and Management (CMM), Information Services Master (ISM) and MIS.
Business Case Highlights	<ul style="list-style-type: none"> • Reduces credit risk and maximizes the efficiency of collateral utilization. • Helps meet CFTC conditions to achieve exemption from the Commodity Exchange Act. • Will likely increase collateral costs for MPs who currently use unsecured credit and guarantee agreements to satisfy CRR Auction and CRR forward market to market related collateral requirements. • Credit WG endorsed, noting it has positive credit implications by eliminating use of unsecured credit and guarantee for CRR activity and eliminating netting of CRR and non-CRR activity.

Review of Recommended Revision Request Changes to Project Prioritization List (PPL)

New NPRRs Recommended for Board Approval

2011 Priority	2011 Rank	Source Doc	Approval Status	Project Number	Project Name	2011 Budget Range	Project Status	Projected Start Date	Projected End Date	Funding Source	Source
1- Critical	9.44	NPRR400	Pending Board Approval	NPRR400	Eliminate Unsecured Credit for CRR Auctions and for Future Credit Exposure and Eliminate Netting of FCE with CCE	\$230k-\$255k	Not Started	TBD	TBD	Post Go-Live	ERCOT
\$230k-\$255k											

Project Prioritization List (PPL) – 10/10/2011

2011 Priority	2011 Rank	Source Doc	Approval Status	Project Number	Project Name	2011 Budget Range	Project Status	Projected Start Date	Projected End Date	Funding Source	Source
1- Critical	0.1		Board Approved		Nodal Stabilization	\$10M-\$12M	Execution	Dec 2010	Dec 2011	Post Go-Live	Nodal Post Go-Live
1- Critical	0.11	NPRR302	Board Approved	NPRR302	Correct Fuel Type Language for Mitigated Offer Cap	<\$5k	Complete	Jan 2011	Mar 2011	Post Go-Live	Market
1- Critical	0.12		Board Approved		Planning Model	Funded by Stabilization	Complete	2010	Apr 2011	Post Go-Live	Nodal Post Go-Live
1- Critical	1		Board Approved	11000_01 10015_01 10016_01	Data Center Buildout	\$25M-\$30M	Execution	Oct 2009	Feb 2012	PPL	ERCOT
1- Critical	1.5		ERCOT Approved	80001_01	Met Center Disposition	<\$20k	Complete	2009	Jan 2011	PPL	ERCOT
1- Critical	2		Board Approved	99911	Minor Cap - Critical	\$500k-\$1M	Execution	Jan 2011	Dec 2011	PPL	ERCOT
1- Critical	3	NPRR294	Board Approved	11002_01	Texas SET 4.0	\$1M-\$2M	Execution	Feb 2011	June 2012	PPL	PUCT / Market
1- Critical	3.5	SCR760	Board Approved	SCR760	Recommended Changes Needed for Information Model Mgr and Topology Processor for Planning Models	\$500k-\$1M	Execution	Apr 2011	June 2012	Post Go-Live	Market
1- Critical	4		Board Approved	90006_02	Information Lifecycle Mgmt – Mkt Systems, Archive, Reporting	\$1M-\$2M	Execution	Jan 2010	Jan 2014	PPL	ERCOT
1- Critical	5		Board Approved	11003_01	Cyber Security Project #1	\$500k-\$1M	Planning	June 2011	Sept 2012	PPL	ERCOT
1- Critical	6		Board Approved	10052_01	Settlement System Upgrade	\$1M-\$2M	Planning	Mar 2010	2013	PPL	ERCOT
1- Critical	7		Board Approved	005_01	Cyber Security Project #2	\$250k-\$500k	Planning	June 2011	May 2012	PPL	ERCOT
1- Critical	7.5	NPRR365	Board Approved	NPRR365	Change in Resource Outage Approvals from Eight to 90 Days	\$100k-\$120k	Not Started	TBD	TBD	PPL	ERCOT

Project Prioritization List (PPL) – 10/10/2011

2011 Priority	2011 Rank	Source Doc	Approval Status	Project Number	Project Name	2011 Budget Range	Project Status	Projected Start Date	Projected End Date	Funding Source	Source
1- Critical	8		Board Approved	11005_01	IT Security Infrastructure Upgrade	\$100k-\$250k	Execution	May 2011	Oct 2011	PPL	ERCOT
1- Critical	8.4	NPRR348	Board Approved	NPRR348	Generation Resource Start-Up and Shut-Down Process	\$115k-\$130k	Not Started	TBD	TBD	PPL	ERCOT
1- Critical	8.5	NPRR258	Board Approved	NPRR258	Sync with PRR824 and PRR833	\$55k-\$60k	Planning	Aug 2011	Oct 2011	Post Go-Live	Parking Deck
1- Critical	9		Board Approved	11006_01	MarkeTrak Upgrade and Enhancements (PLANNING)	\$100k-\$250k	Planning	Aug 2011	June 2012	PPL	PUCT / Market
1- Critical	9.2	NPRR329	Board Approved	NPRR329	Security Classification Changes for Extracts/Reports	\$5k-\$10k	Complete	Apr 2011	May 2011	Post Go-Live	Market
1- Critical	9.21	SCR764	Board Approved	SCR764	Public Access to Select MIS Dashboards	\$80k-\$125k	Execution	June 2011	Dec 2011	Post Go-Live	Market
1- Critical	9.22	NPRR350	Board Approved	NPRR350	Change to the Security Classification of the System Ancillary Service Capacity Monitor Dashboard	\$5k-\$10k	Complete	June 2011	Aug 2011	Post Go-Live	Market
1- Critical	9.25	SCR765	Board Approved	SCR765	Public Aggregated Wind Dashboard	\$37k-\$45k	Execution	Aug 2011	Dec 2011	Post Go-Live	Market
1- Critical	9.3	NPRR339	Board Approved	NPRR339	Modifications to Heuristic Rules to Determine LMP at De-energized Electrical Bus and Treatment of CRR Offers at De-energized Settlement Points	<\$100k	Complete	June 2011	July 2011	Post Go-Live	ERCOT
1- Critical	9.41	NPRR285	Board Approved	NPRR285	Generation Resource Base Point Deviation Charge Corrections	\$30k-\$40k	Complete	Apr 2011	May 2011	Post Go-Live	Market
1- Critical	9.42	NPRR282	Board Approved	NPRR282	Dynamic Ramp Rates Use in SCED	\$30k-\$35k	Complete	May 2011	July 2011	Post Go-Live	Market

Project Prioritization List (PPL) – 10/10/2011

2011 Priority	2011 Rank	Source Doc	Approval Status	Project Number	Project Name	2011 Budget Range	Project Status	Projected Start Date	Projected End Date	Funding Source	Source
1- Critical	9.43		Board Approved		Deferred Defects and Workaround Processes	\$2M-\$3M	Execution	Dec 2010	Dec 2011	Post Go-Live	Nodal Post Go-Live
1- Critical	9.44	NPRR347	Board Approved	NPRR347	Single Daily Settlement Invoice and Updates to Credit Calculations	\$430k-\$460k	Not Started	TBD	TBD	Post Go-Live	ERCOT
1- Critical	9.44	NPRR400	Pending Board Approval	NPRR400	Eliminate Unsecured Credit for CRR Auctions and for Future Credit Exposure and Eliminate Netting of FCE with CCE	\$230k-\$255k	Not Started	TBD	TBD	Post Go-Live	ERCOT
1- Critical	9.45	NPRR322	Board Approved	NPRR322	Real-Time PTP Option Modeling	\$100k-\$105k	Not Started	TBD	TBD	Post Go-Live	Market
1- Critical	9.46	NPRR376	Board Approved	NPRR376	CRR Volume Limitation Enhancements	\$50k-\$55k	Execution	July 2011	Sept 2011	Post Go-Live	Market
2-High	9.5	NPRR307	Board Approved	NPRR307	Change SASM Offer Procedures	\$15k-\$20k	Complete	Apr 2011	May 2011	Post Go-Live	Market
2-High	9.5	NPRR341	Board Approved	NPRR341	Remove Ancillary Service Offers from SASM that do not Meet the Lead Time	\$10k-\$15k	Complete	June 2011	July 2011	Post Go-Live	ERCOT
2-High	10		Board Approved	50088_01	Data Research and Reporting	\$500k-\$1M	Execution	Nov 2006	Sept 2011	PPL	ERCOT
2-High	10.3		ERCOT Approved	001-47	Compliance Software	\$250k-\$500k	Planning	July 2011	TBD	PPL	ERCOT
2-High	10.5		ERCOT Approved	001-47	RARF Upgrade for Wind, Solar and Storage Resources	\$100k-\$250k	Planning	Aug 2011	TBD	PPL	ERCOT
2-High	11		Board Approved	10055_01	Data Agg Performance Improvements	\$250k-\$500k	Execution	Sept 2010	Oct 2011	PPL	ERCOT

Project Prioritization List (PPL) – 10/10/2011

2011 Priority	2011 Rank	Source Doc	Approval Status	Project Number	Project Name	2011 Budget Range	Project Status	Projected Start Date	Projected End Date	Funding Source	Source
2-High	12		Board Approved	10031_01	Enterprise Records Management Automation (ERMA)	<\$50k	Complete	Jan 2010	June 2011	PPL	ERCOT
2-High	12.5		ERCOT Approved	11009_01	Fire Alarm System Upgrade	\$100k-\$250k	Complete	Feb 2011	June 2011	PPL	ERCOT
2-High	12.75	NPRR323	Board Approved	NPRR323	Correct DAM Credit Exposure Language and Enable Qualified Expiring CRRs to Offset PTP Bid Exposure	\$375k-\$475k	Complete	Apr 2011	Aug 2011	Post Go-Live	Market
2-High	12.76	NPRR310	Board Approved	NPRR310	Expand Output Schedule Acceptable Range to Include HSL and LSL	\$10k-\$15k	Execution	Aug 2011	Dec 2011	Post Go-Live	Market
2-High	12.77	SCR762	Board Approved	SCR762	Enable a Single Step Cancel/Resubmit of Trades	\$25k-\$30k	Execution	Aug 2011	Sept 2011	Post Go-Live	ERCOT
2-High	12.78	SCR761	Board Approved	SCR761	Provide Price Republication Notifications via API and Provide Price Corrections via XML	\$50k-\$63k	Planning	Aug 2011	Dec 2011	Post Go-Live	Market
2-High	12.79	SCR763	Board Approved	SCR763	Modify COP Validation Rule for RRS	\$10k-\$15k	Planning	Aug 2011	Dec 2011	Post Go-Live	ERCOT
2-High	12.8	NPRR320	Board Approved	NPRR320	Minimum PTP Option Bid and Settlement	\$110k-\$120k	Execution	June 2011	Oct 2011	Post Go-Live	Market
2-High	12.9	NPRR326	Board Approved	NPRR326	Adjust the Calculation of the Real-Time Settlement Point Price for a Resource Node	\$15k-\$20k	Not Started	Sept 2011	Dec 2011	Post Go-Live	ERCOT
2-High	13	NPRR290	Board Approved	NPRR290	ERCOT Publication of DAM PSS/E Files	\$25k-\$30k	Execution	July 2011	Dec 2011	Post Go-Live	Market
2-High	13.1	NPRR343	Board Approved	NPRR343	CRR Bid and PTP Obligation Bid Criteria Change	\$400k-\$450k	Planning	June 2011	Dec 2011	Post Go-Live	ERCOT

Project Prioritization List (PPL) – 10/10/2011

2011 Priority	2011 Rank	Source Doc	Approval Status	Project Number	Project Name	2011 Budget Range	Project Status	Projected Start Date	Projected End Date	Funding Source	Source
2-High	13.2	NPRR321	Board Approved	NPRR321	Allow Change to Energy Offer Curve MW Amounts in the Adjustment Period for Qualifying Facilities	\$55k-\$60k	Not Started	TBD	TBD	PPL	Market
2-High	14	NPRR293	Board Approved	NPRR293	Requirement to Post PTP Obligation Quantities Awarded in DAM	\$12k-\$15k	Complete	Apr 2011	May 2011	Post Go-Live	Market
2-High	14	NPRR303	Board Approved	NPRR303	Requirement to Post PTP Options Cleared in the DAM or Taken to Real Time	<\$5k	Complete	Apr 2011	May 2011	Post Go-Live	Market
2-High	14.5	NPRR379	Board Approved	NPRR379	EILS Dispatch Sequence and Performance Criteria Upgrades	\$55k-\$65k	Not Started	TBD	TBD	PPL	ERCOT
2-High	15		Board Approved		Parking Deck Initiatives	\$1.0M-\$1.5M	Execution	Feb 2011	Mar 2012	Post Go-Live	Nodal Post Go-Live
2-High	15.1	NPRR208	Board Approved	NPRR208	Registration & Settlement of Distributed Generation (DG) <1 MW	\$5k-\$10k	Complete	Apr 2011	Aug 2011	Post Go-Live	Parking Deck
2-High	15.2	NPRR251	Board Approved	NPRR251	Sync PRR845, Definition for IDR Meters and Optional Removal of IDR Meters at a Premise Where an Advanced Meter Can be Provisioned	\$30k-\$50k	Planning	Sept 2011	Dec 2011	Post Go-Live	Parking Deck
2-High	15.3	NPRR316	Board Approved	NPRR316	Negative Self-Arranged Ancillary Services Quantity	\$15k-\$20k	Planning	June 2011	Dec 2011	Post Go-Live	Market
2-High	15.4	NPRR314	Board Approved	NPRR314	Requirement to Post Generation Resources Temporal Constraints	\$32k-\$39k	Not Started	TBD	TBD	Post Go-Live	Market
2-High	16		Board Approved		Decommissioning Efforts	\$275k-\$325k	Execution	Jan 2011	Jan 2012	Post Go-Live	Nodal Post Go-Live

Project Prioritization List (PPL) – 10/10/2011

2011 Priority	2011 Rank	Source Doc	Approval Status	Project Number	Project Name	2011 Budget Range	Project Status	Projected Start Date	Projected End Date	Funding Source	Source
2-High	17		Board Approved		Program Risk Items	\$1.0M-\$1.5M	Execution	Mar 2011	Dec 2011	Post Go-Live	Nodal Post Go-Live
2-High	18		Board Approved	10018_01	Annual Storage Growth	<\$50k	Execution	Jan 2011	Apr 2011	PPL	ERCOT
2-High	19		Board Approved		Hardware and Software Systems License & Maintenance	\$7M-\$8M	Execution	Jan 2011	Dec 2011	Post Go-Live	Nodal Post Go-Live
2-High	19.5	NPRR395	Pending Board Approval	NPRR395	CRR Auction Offer Award Disclosure	\$40k-\$50k	Not Started	TBD	TBD	Post Go-Live	Market
2-High	20	NPRR221	ERCOT Approved	NPRR221	Automate Default Invoice	\$50k-\$75k	Complete	Apr 2011	Aug 2011	Post Go-Live	ERCOT
2-High	20.5	NPRR357	Board Approved	NPRR357	Revisions to Collateral Requirements Concerning CRR Auctions	\$95k-\$105k	Not Started	TBD	TBD	Post Go-Live	Market
2-High	21	NPRR338	Board Approved	NPRR338	Modifications to Support Revenue Neutrality	\$4k-\$5k	Planning	Sept 2011	Oct 2011	Post Go-Live	ERCOT
2-High	22	NPRR346	Board Approved	NPRR346	Removal of Redundant Posting Requirement Related to Electrical Bus Changes	<\$2.5k	Execution	Aug 2011	Sept 2011	Post Go-Live	ERCOT
2-High	23		ERCOT Approved	004-01	Cyber Security Project #3	\$250k-\$500k	Planning	June 2011	Mar 2012	PPL	ERCOT
2-High	25		ERCOT Approved		Cyber Security Facilities Remodeling	\$200k-\$250k	Planning	June 2011	Feb 2012	PPL	ERCOT
2-High	25		ERCOT Approved		Human Resources Facilities Remodeling	\$250k-\$300k	Planning	June 2011	Feb 2012	PPL	ERCOT
2-High	26		ERCOT Approved		Impact Assessment Labor Funds	\$100k	Execution	Apr 2011	Dec 2011	PPL	ERCOT

Project Prioritization List (PPL) – 10/10/2011

2011 Priority	2011 Rank	Source Doc	Approval Status	Project Number	Project Name	2011 Budget Range	Project Status	Projected Start Date	Projected End Date	Funding Source	Source
2-High	27		ERCOT Approved		Shipping/Receiving Remodeling	\$200k-\$250k	Planning	June 2011	Feb 2012	PPL	ERCOT
2-High	30	NPRR313	Board Approved	NPRR313	Updating the Term Resource Plan to Current Operating Plan / Availability Plan	\$80k-\$85k	Not Started	TBD	TBD	Post Go-Live	Market
2-High	31	NPRR354	Board Approved	NPRR354	Revisions to Non-Spin Performance Criteria Language and Provision for ICCP Telemetry of Non-Spin Deployment	\$100k-\$110k	Not Started	TBD	TBD	PPL	Market
2-High	32	NPRR355	Board Approved	NPRR355	Adjust the Calculation of the Real-Time Settlement Point Price for a Load Zone	\$60k-\$75k	Not Started	TBD	TBD	Post Go-Live	ERCOT
2-High	32.5	NPRR360	Board Approved	NPRR360	Summary Report of HDL and LDL	\$30k-\$35k	Not Started	TBD	TBD	PPL	Market
2-High	32.6	NPRR382	Board Approved	NPRR382	Verbal RUC Committed or Decommited Resources Report	\$25k-\$30k	Not Started	TBD	TBD	PPL	Market
2-High	32.7	NPRR383	Board Approved	NPRR383	Unconfirmed Trades Reports	\$25k-\$30k	Not Started	TBD	TBD	PPL	Market
2-High	33	NPRR359	Board Approved	NPRR359	Monthly TDSP Load Report	\$15k-\$20k	Not Started	TBD	TBD	Post Go-Live	Market
2-High	34	NPRR361	Board Approved	NPRR361	Real-Time Wind Power Production Data Transparency	\$10k-\$15k	Not Started	TBD	TBD	Post Go-Live	Market
2-High	36		ERCOT Approved	001-43	EDW Platform Evaluation	\$250k-\$300k	Planning	June 2011	Dec 2011	Post Go-Live	ERCOT
2-High	40	SCR766	Board Approved	SCR766	Load Zone Price Distributed by ICCP	\$13k-\$15k	Planning	Aug 2011	Oct 2011	Post Go-Live	Market
PPL Outline and Summary					2011 Project Budget = \$36,364,000		\$32,175,741	Variance = \$4,188,259			
Nodal Post Go-Live Summary					Nodal Post Go-Live Budget = \$25,191,000		\$26,411,822	Variance = (\$1,220,822)			

October 18, 2011

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Projected 2011 Spend

Public

Notice of Guide Revisions Approved by TAC

NOGRR067, Review and Analysis of Turbine Speed Governor Performance.

This NOGRR clarifies the Entity responsible for monitoring Generation Resources during frequency events.

NOGRR076, Synchronization with NPRR298 and New Format for Black Start Plans.

This NOGRR does the following:

- Synchronizes the Nodal Operating Guides with NPRR298, New Definitions Related to Black Start and Clarification to the Hourly Standby Fee Payments for Black Start Resources (formerly “New Definitions Related to Black Start”), which introduced new black start terminology and corrected the acronym related to the Hourly Standby Fee Payment. NPRR298 was approved by the ERCOT Board on April 19, 2011.
- Introduces new black start terminology to the Nodal Operating Guides;
- Creates a requirement for all Transmission Operators (TOs) to submit their black start plans to ERCOT by November 1 of each year; and
- Introduces a template for black start plans to the Nodal Operating Guides.

NOGRR077, Synchronization with NPRR379, EILS Dispatch Sequence and Performance Criteria Upgrades.

This NOGRR synchronizes the Nodal Operating Guides with NPRR379, EILS Dispatch Sequence and Performance Criteria Upgrades, which provides ERCOT Operators with enhanced flexibility for managing grid conditions during an Energy Emergency Alert (EEA) by requiring Dispatch of Emergency Interruptible Load Service (EILS) prior to or in conjunction with Dispatch of Load Resources providing Responsive Reserve (RRS) in EEA Level 2.

Future Agenda Items

- TAC and TAC Subcommittee Structure Review
- Protocol Required Annual Review of Certain Credit Parameters found in:
 - Item (1)(a)(iii) of Protocol Section 7.5.5.3, Auction Process
 - Protocol Section 16.11.4.5, Determination of the Counter-Party Future Credit Exposure
- NPRR395, CRR Auction Offer Award Disclosure
- NPRR398, Changes to Resource Category Minimum-Energy Generic Heat Rates
- NPRR399, Updates to Protocol Sections Related to Settlements and Billing
- PGRR009, New Planning Guide Section 6.8, Resource Registration Procedures

Holistic Approach to Congestion Irresolvable by SCED

- On 5/17/11, the ERCOT Board revised the ERCOT Business Practice, Setting the Shadow Price Caps and Power Balance Penalties in Security Constrained Economic Dispatch (SCED), as a result ERCOT analysis after the number of hours in which the Valley import limit was exceeded resulting in the constraint reaching the Shadow Price cap of \$5000.
- The Board also directed TAC to report back with a recommendation for a holistic methodology for setting appropriate Shadow Price caps for constraints not resolvable by SCED and a recommendation for addressing gaps between operations and planning processes to be able to identify constraints not resolvable by SCED.
- A WMS TF developed a recommendation on a holistic approach that WMS ultimately recommended to TAC.
- On 8/4/11, TAC revised the WMS recommendation and with a vote of 24 in favor, 3 opposed (Cooperative (2) and IOU) and 2 abstentions (IOU and Industrial Consumer), recommended a revised methodology for setting the maximum Shadow Price caps for constraints not resolvable by SCED.
- On 9/1/11, TAC reviewed a revised ERCOT Business Practice, Setting the Shadow Price Caps and Power Balance Penalties in SCED, and voted to confirm the draft business practice as revised by TAC reflects the 8/4/11TAC decision on Congestion irresolvable by SCED; to recommend that for any constraint deemed irresolvable in calendar year 2011, the net margin calculation will begin with 1/1/11; and to recommend an effective date of 10/1/11 for the business practice document. The vote carried with 2 abstentions from the Cooperative Market Segment.

Holistic Approach to Congestion Irresolvable by SCED

- On 9/20/11, the ERCOT Board voted to remand the Holistic Solution to Congestion Irresolvable by SCED back to TAC. One of the stated purposes of the remand was to allow TAC to review and comment on the presentation STEC had made at the 9/1/11 TAC meeting.
- On 9/22/11, comments were requested on the 9/1/11 STEC analysis. Additional comments were received from STEC, Luminant and Direct Energy.
- On 10/6/11, TAC voted to table the issue of a holistic approach to Congestion Irresolvable by SCED until a special TAC meeting on Tuesday 10/11/11. There were three abstentions from Consumer (1) and Cooperative (2) Market Segments.
- The results of the 10/11/11 special TAC meeting will be documented via a separate presentation.