



# Texas Regional Entity Compliance Report

Board of Directors  
December 14, 2009

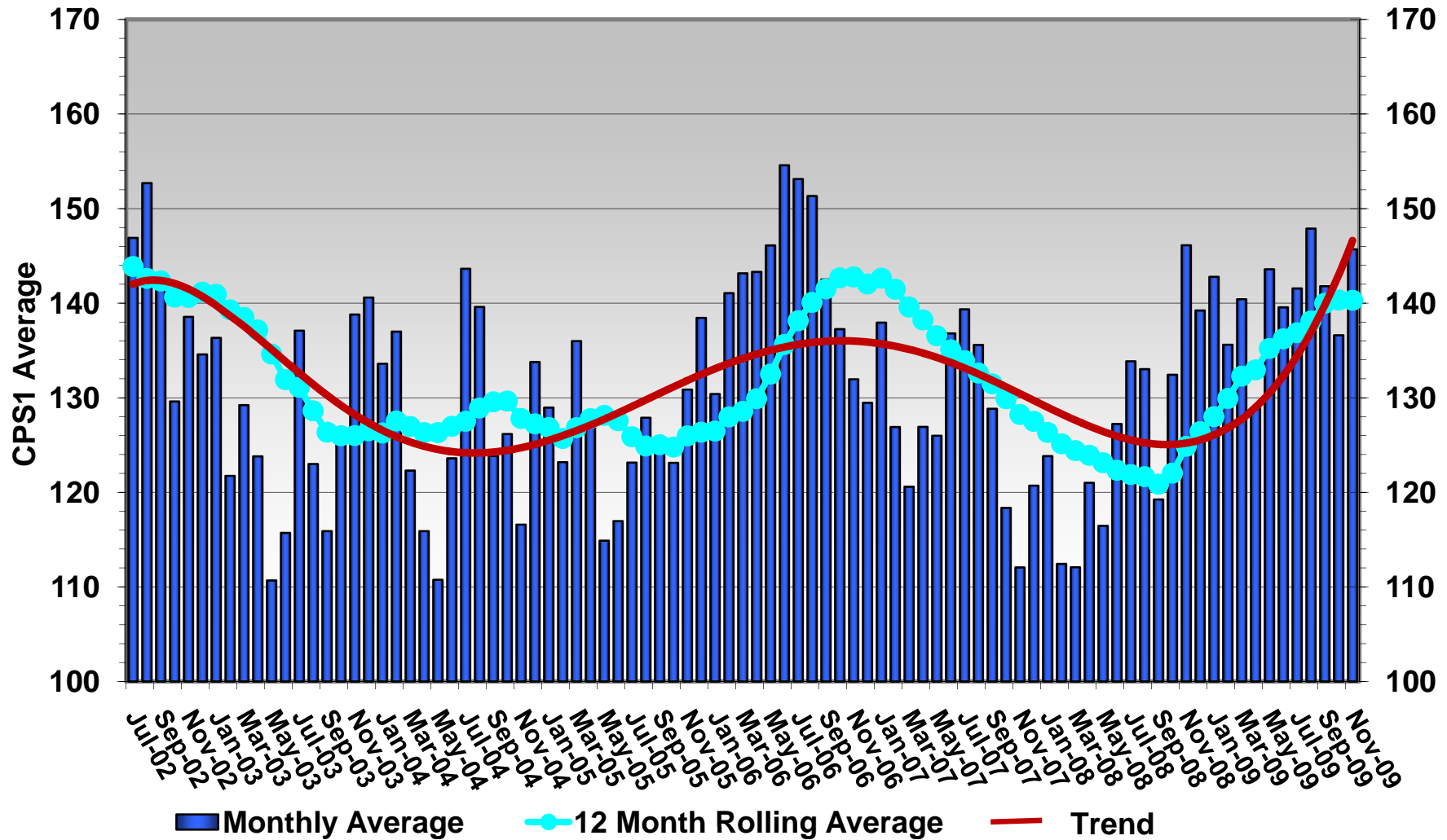
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## Overview

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- **November 2009 ERCOT CPS1 Monthly Performance**
- **November 2009 ERCOT SCPS2 Monthly Performance**
- **October 2009 Resource Plan Performance Metrics for Non-Wind and Wind Only QSEs**
- **Texas RE Stakeholder Outreach**
- **NERC Compliance Update**
- **Audits Highlight**

# November 2009 ERCOT's CPS1 Monthly Performance

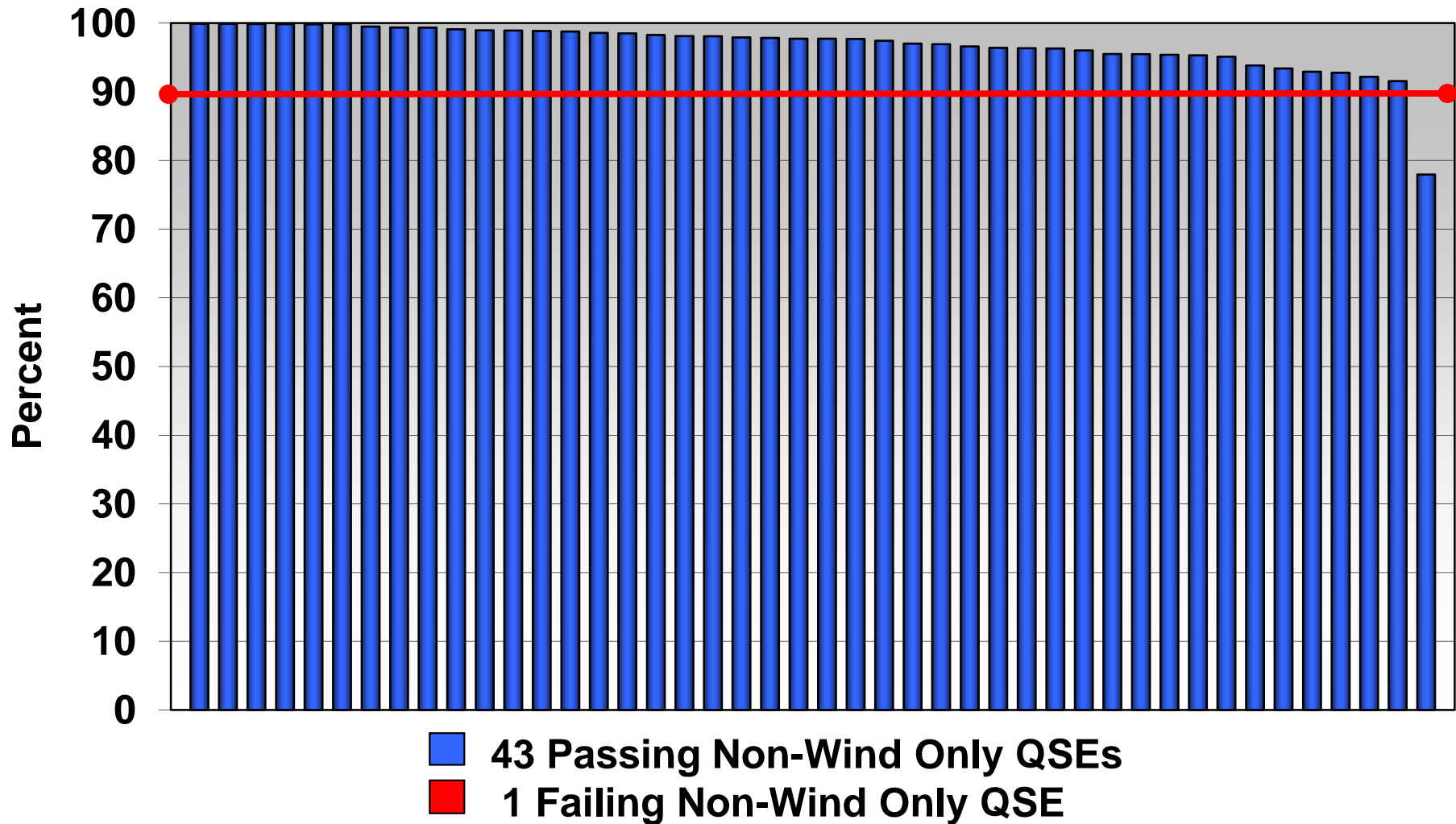


# Analysis of CPS1 Monthly Performance

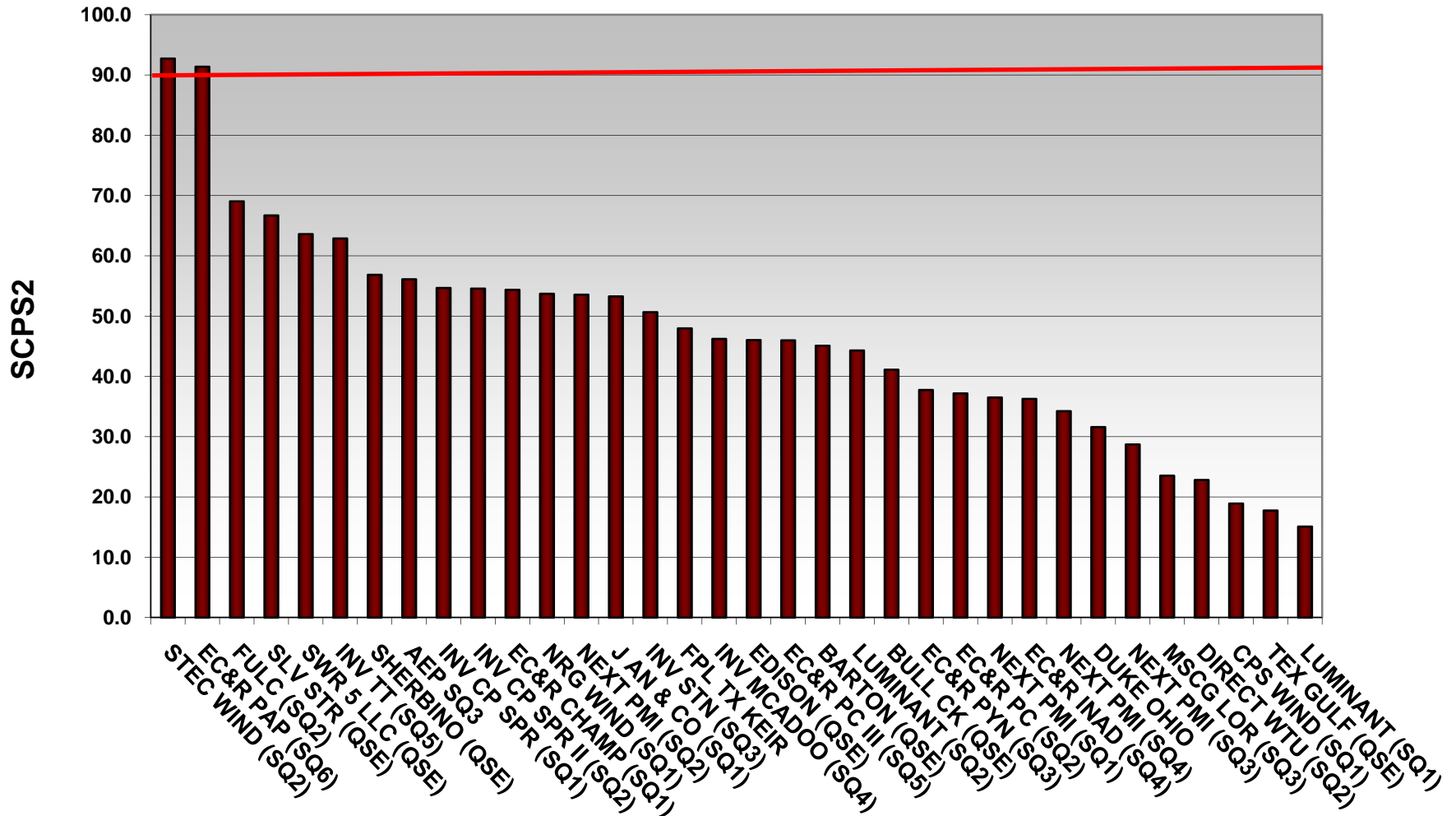
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- **Purpose: To maintain Interconnection steady-state frequency within defined limits by balancing real power demand and supply in real-time**
- **CPS1 is one reliability measure of how well the ERCOT region managed the BPS**
- **ERCOT region's frequency performance is determined by NERC Control Performance Standard 1 (CPS1)**
- **Seasonal fluctuation is expected**
- **Scores for individual months can be adversely affected by events (such as hurricanes)**
- **A detailed formula can be found in NERC Reliability Standard BAL-001-0a**

# November 2009 SCPS2 Scores: Non-Wind Only QSEs



# November 2009 SCPS2 Scores: Wind Only QSEs



# October 2009 Resource Plan Performance Metrics for Non-Wind Only QSEs

ID	DK	DE	AP	BY	BC	AY	AM	AR	KB	BR	DF	CI	AD	BJ	KE	KF	CF	ET	DA	DP	KD	IP
Resource Status	100	100	100	100	100	99	99	100	100	100	100	100	100	94	100	100	100	99	99	98	100	100
LSL HSL Percent	99	100	-	100	99	100	100	99	98	98	100	94	95	100	100	98	100	100	97	100	100	100
DA Zonal Schedule	100	100	98	99	100	99	99	100	100	99	100	99	97	98	99	98	100	90	98	99	100	100
AP Adj. Score	100	100	98	99	100	99	99	100	100	99	100	99	97	98	99	98	100	90	98	99	100	100
Down Bid Score	99	95	96	92	100	99	95	100	99	98	100	96	97	97	100	90	98	100	91	90	97	100
Up AS Sch. Obligation	-	100	98	96	100	99	96	100	98	100	100	-	-	-	97	100	100	100	96	100	97	-

ID	BG	CQ	JV	JU	KM	CX	KG	FK	HW	JD	KC	KA	JZ	IN	IZ	BX	CC	CD	AC	ID	KN	IO
Resource Status	100	100	100	100	100	100	99	99	99	100	99	100	100	100	100	99	100	100	95	100	92	100
LSL HSL Percent	100	92	100	100	100	97	100	90	98	99	83	96	94	100	100	100	97	97	100	100	100	100
DA Zonal Schedule	99	100	100	100	100	97	97	100	100	99	99	100	98	99	100	98	100	100	100	100	100	100
AP Adj. Score	99	100	100	100	100	97	97	100	100	99	99	100	98	99	100	98	100	100	100	100	100	100
Down Bid Score	99	94	100	100	100	98	100	100	98	99	90	99	98	99	100	98	92	90	99	94	99	97
Up AS Sch. Obligation	99	100	-	-	-	99	-	98	99	98	98	100	99	94	100	99	96	100	100	-	-	99

 4 Consecutive Failing Score

 3 Consecutive Failing Score

 2 Consecutive Failing Score

 1 Failing Score



# Analysis of October 2009 Resource Plan Performance Metrics for Non-Wind Only QSEs

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- **KC – Second time failing the LSL (Low Sustainable Limit) as % of HSL (High Sustainable Limit) Resource Plan Performance Measure**
  - Actions: QSE was notified of its failing score
  - Reason: QSE's operators incorrectly set LSL & HSL values in the Resource Plan
  - Solution: QSE implemented scheduling software changes to alert its operators when its LSL & HSL levels need correction, however, too many days into the month to avoid a second failure

# October 2009 Resource Plan Performance Metrics for Wind Only QSEs

ID	JG	BT	JF	JS	HJ	BH	DI	JY	JM	KI	KJ	JW	JL	GR	GS	HS
DA Zonal Schedule	100	99	100	100	100	100	100	100	100	100	100	100	97	99	100	100
AP Adj Score	100	92	100	100	97	100	100	100	100	100	98	100	97	100	100	100
Down Bid Score	100	99	99	100	97	100	100	100	100	100	100	100	100	100	100	100

ID	BF	BE	FX	JH	JI	JN	JJ	JT	JC	IV	KL	JQ	JP	JK	JX	JE	JR
DA Zonal Schedule	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
AP Adj Score	99	100	100	100	100	100	100	100	100	97	100	97	100	100	93	100	100
Down Bid Score	100	96	100	100	100	100	100	100	100	100	100	99	100	100	100	100	100

 4 Consecutive Failing Scores

 3 Consecutive Failing Scores

 2 Consecutive Failing Scores

 1 Failing Score

# Texas RE Stakeholder Outreach

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- **NERC LSE Registration Update – CFR Approved**
  - Consensus reached on Load Serving Entity (LSE) Coordinated Functional Registration (CFR)
  - Entities are signing up and sending their CFR Declaration and Matrix of responsibilities to Texas RE. For these entities the LSE registration date will be January 1, 2010
  - LSE registration for entities not participating in the CFR process, begins on January 2 , 2010

# NERC Compliance Update

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- **Transmission Protection System Misoperations Documentation Submittal- PRC-004-1**
  - NERC Transmission Owners (TOs) and Distribution providers (DPs)
  - Responses due December 14<sup>th</sup>
- **Generation Protection System Misoperations Documentation Submittal- PRC-004-1**
  - NERC Generator Owners (GOs)
  - Responses due December 14<sup>th</sup>

# Audits Highlight

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- **Preparation for 2010 audits**
  - Information and questionnaire packages for the 2010 audits were sent out to the entities on November 17<sup>th</sup>