

# Texas Regional Entity Compliance Report

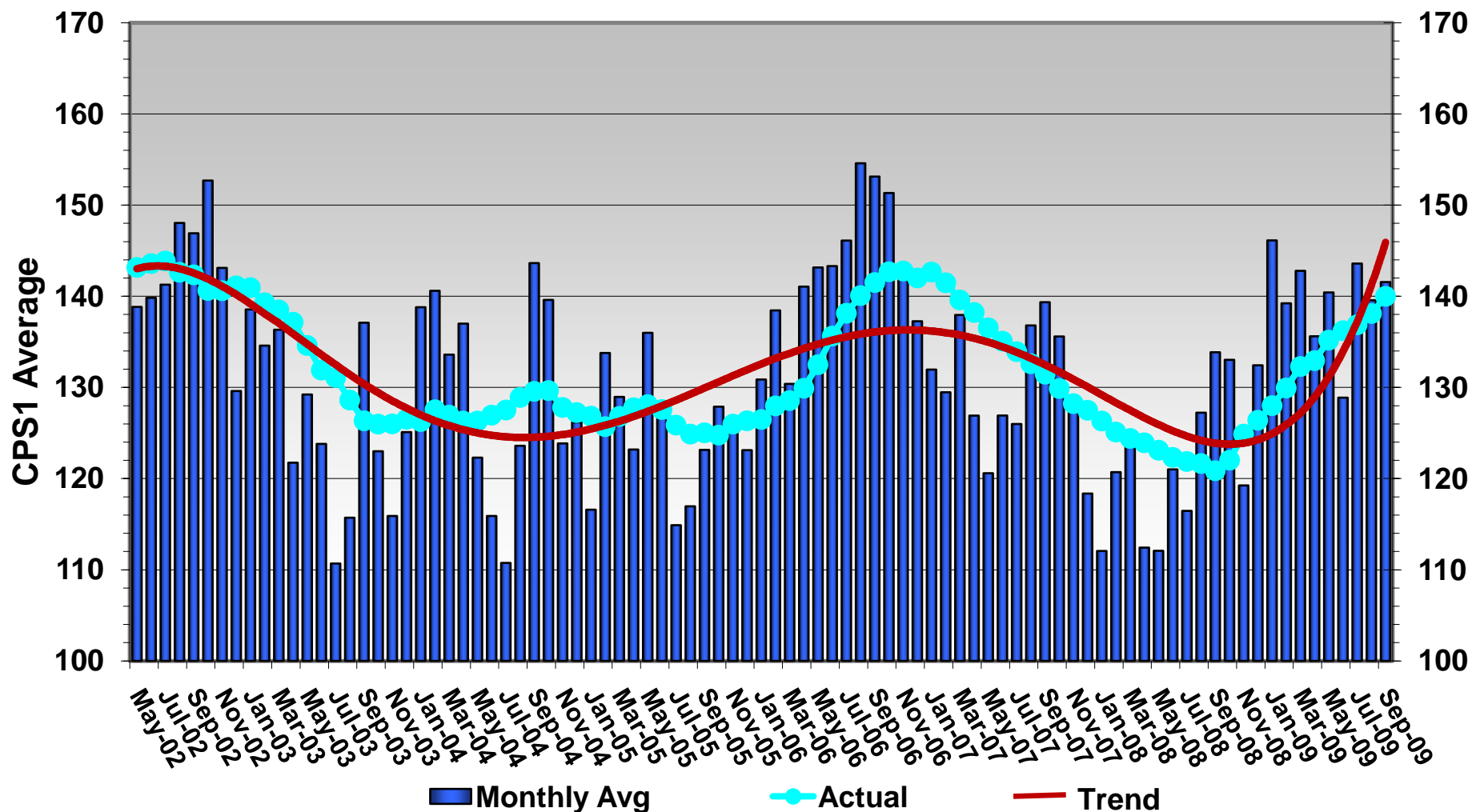
Board of Directors  
October 19, 2009

# Overview

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- **September 2009 ERCOT CPS1 Monthly Performance**
- **September 2009 ERCOT SCPS2 Monthly Performance**
- **September 2009 Resource Plan Performance Metrics for Non-Wind and Wind Only QSEs**
- **Texas RE Stakeholder Outreach**
- **Compliance Requirements Update**

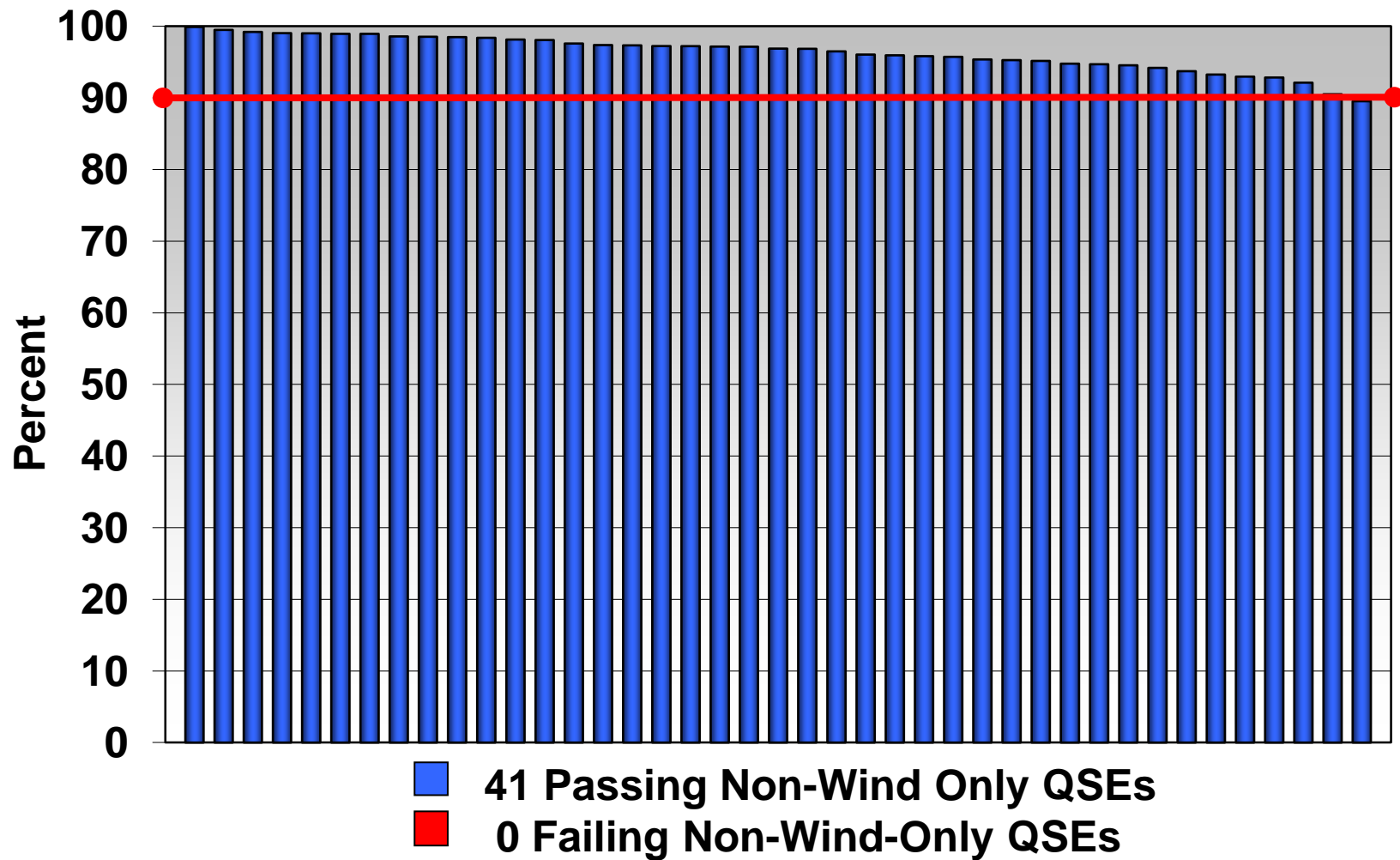
# September 2009 ERCOT's CPS1 Monthly Performance



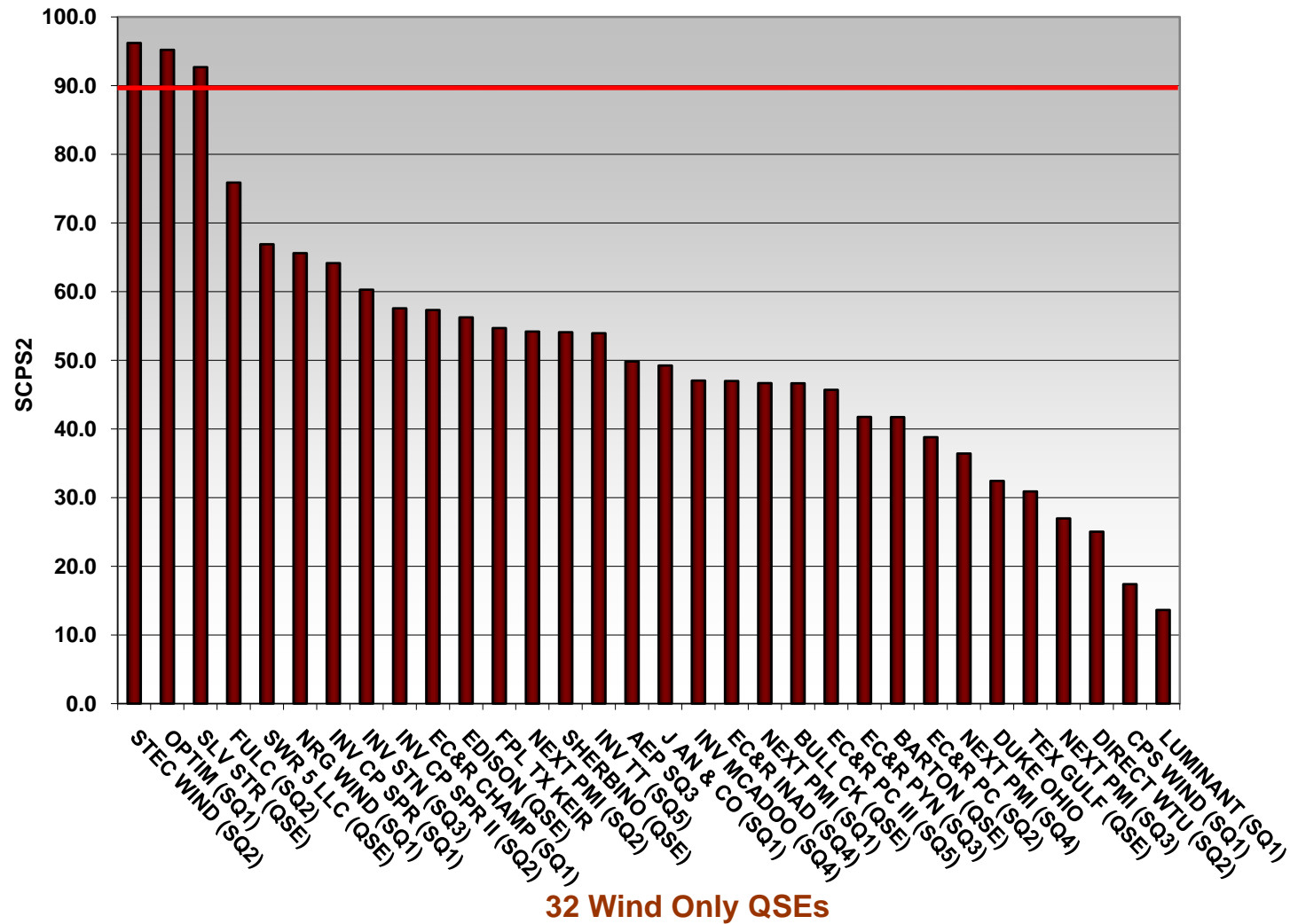
# Analysis of CPS1 Monthly Performance

- **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**

# September 2009 SCPS2 Scores for Non-Wind Only QSEs



# September 2009 SCPS2 Scores for Wind Only QSEs



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

ID

Resource Plan Performance Metric	DK	DE	AP	BY	BC	AY	AM	AR	KB	BR	DF	CI	AD	BJ	KE	KF	CF	DA	DP	IP	BG
Resource Status	100	100	100	100	100	100	100	100	100	100	100	100	100	98	100	100	100	100	99	100	100
LSL HSL Percent	100	99	-	97	100	100	100	95	93	97	99	100	100	99	100	42	99	99	99	99	100
DA Zonal Schedule	100	100	100	99	100	94	100	100	99	100	100	100	100	100	100	100	100	99	100	100	100
AP Adjustment	100	100	100	100	99	99	99	100	100	99	100	100	100	100	99	97	98	99	100	-	100
Down Bid & Obligation	99	90	99	97	100	100	98	100	96	100	94	100	100	98	100	90	99	95	96	100	100
Total Up Ancillary Service	-	99	100	96	97	97	96	99	98	99	99	100	-	98	64	97	100	93	99	-	99

ID

Resource Plan Performance Metric	CQ	KH	JV	JU	CX	KG	FK	HW	JD	KC	KA	JZ	IN	IZ	KG	BX	CC	CD	AC	ID	IO
Resource Status	99	100	100	100	100	100	99	100	100	100	100	100	99	100	100	100	-	100	99	100	100
LSL HSL Percent	98	100	100	100	97	100	92	100	97	92	95	93	100	100	100	97	95	100	100	90	100
DA Zonal Schedule	100	100	100	-	100	100	99	100	100	100	100	100	100	100	100	100	100	100	100	100	100
AP Adjustment	97	99	100	100	100	96	100	100	100	99	100	100	97	100	100	98	100	100	100	98	100
Down Bid & Obligation	100	-	-	-	99	100	100	99	100	91	99	99	97	100	99	99	93	90	100	100	99
Total Up Ancillary Service	100	-	100	-	100	-	96	99	100	95	99	95	98	100	100	100	99	100	-	99	100

4 Consecutive Failing Scores

3 Consecutive Failing Scores

2 Consecutive Failing Scores

1 Failing Score

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

- **KE – First time failing the Total Up Ancillary Service Resource Plan Performance Measure**
  - Actions: QSE was notified of its failing score
  - Reason: QSE failed to meet Responsive Reserve requirements
  - Solution: QSE scheduled incorrectly. Conference calls confirmed this problem is corrected and will not occur again
- **KF - First 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 set its LSL = HSL for their units, during the month
  - Solution: QSE affirmed it is no longer setting its LSL = HSL. This is a new QSE



# August 2009 Resource Plan Performance Metrics for Wind Only QSEs

Resource Plan Performance Metric	ID														
	JG	BT	BC	JS	HJ	BH	DI	JY	JM	KJ	JW	JL	GR	GS	HS
DA Zonal Schedule	100	97	100	100	99	100	100	100	100	100	100	96	100	98	100
AP Adjustment	100	92	100	100	98	100	100	100	97	99	100	96	100	100	100
Down Bid & Obligation	100	98	100	100	100	100	100	100	100	100	100	100	100	100	100

Resource Plan Performance Metric	ID															
	BF	BE	FX	JH	JI	JN	JJ	JT	JC	IV	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
AP Adjustment	99	100	100	100	100	100	100	100	100	94	98	100	100	96	100	100
Down Bid & Obligation	100	99	100	100	100	100	100	100	100	99	100	100	100	100	100	100

 4 Consecutive Failing Scores

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 2 Consecutive Failing Scores

 1 Failing Score

# Texas RE Stakeholder Outreach

- **Texas RE Standards and Compliance and the CIP Standards Workshops for NERC Reliability Standards were conducted on September 23rd and 24th at Met Center facility in Austin**
- **113 Market Participants attended the Standards and Compliance Workshop in person and 29 attended via Web Ex**
- **116 Market Participants attended the CIP Workshop in person and 15 attended via Web Ex**
- **Both workshops were very successful and received overall favorable reviews**

# Compliance Requirements Update

- **NOGRR 025** (requiring reporting and performance monitoring programs)
  - Approved by the ERCOT Board on September 15<sup>th</sup>
- **PRR – 822 Removing Access to Restricted Computer Systems, Control Systems and Facilities**
  - TAC voted to recommend approval on October 1st
  - Responsibility for this PRR moved to ERCOT ISO