



# Texas Regional Entity Compliance Report

Board of Directors  
June 14, 2010

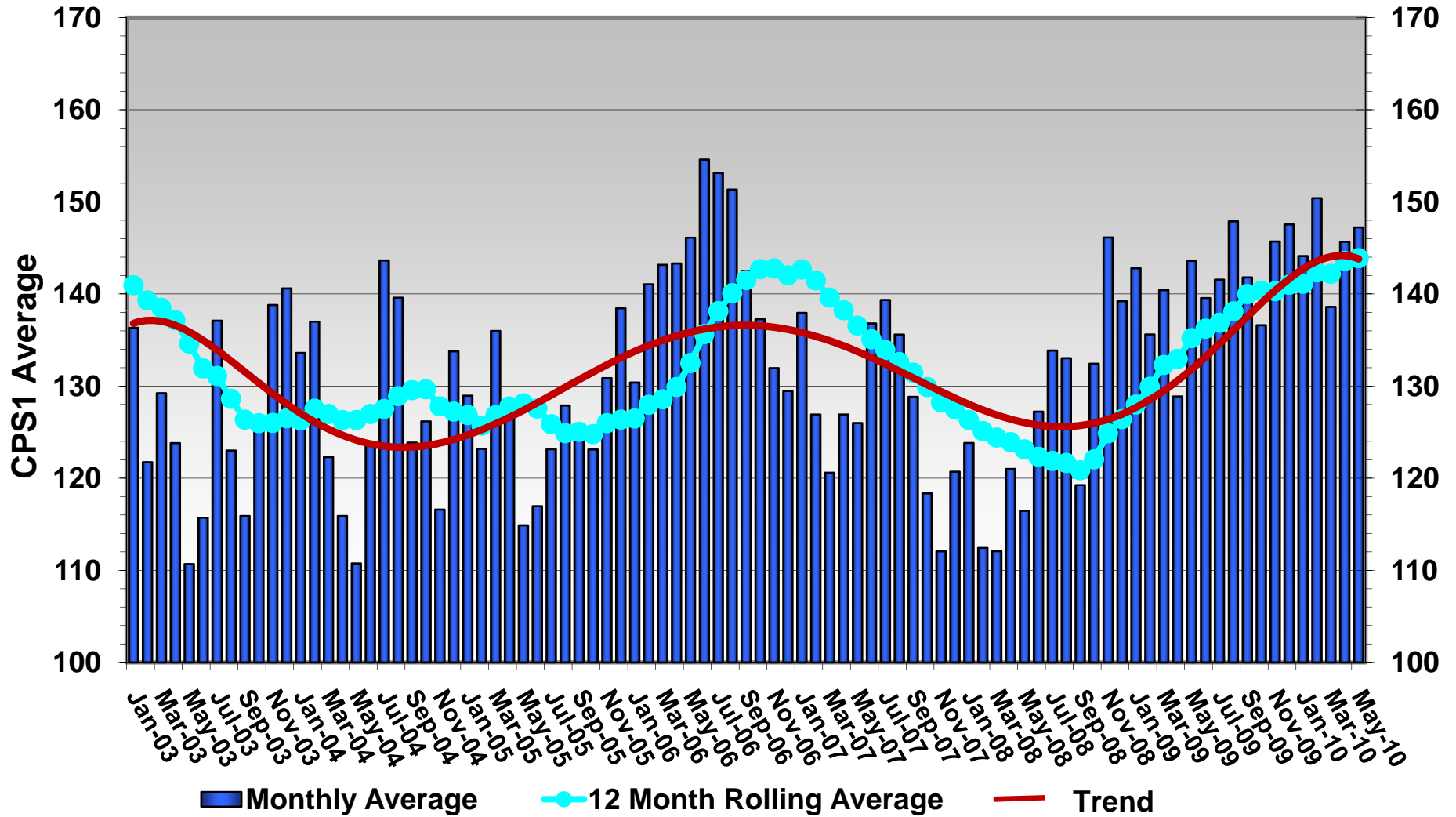
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## Overview

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- **May 2010 ERCOT CPS1 Monthly Performance**
- **May 2010 ERCOT SCPS2 Monthly Performance**
- **April 2010 Resource Plan Performance Metrics for Non-Wind and Wind Only QSEs**
- **Compliance update**

# May 2010 ERCOT's CPS1 Monthly Performance

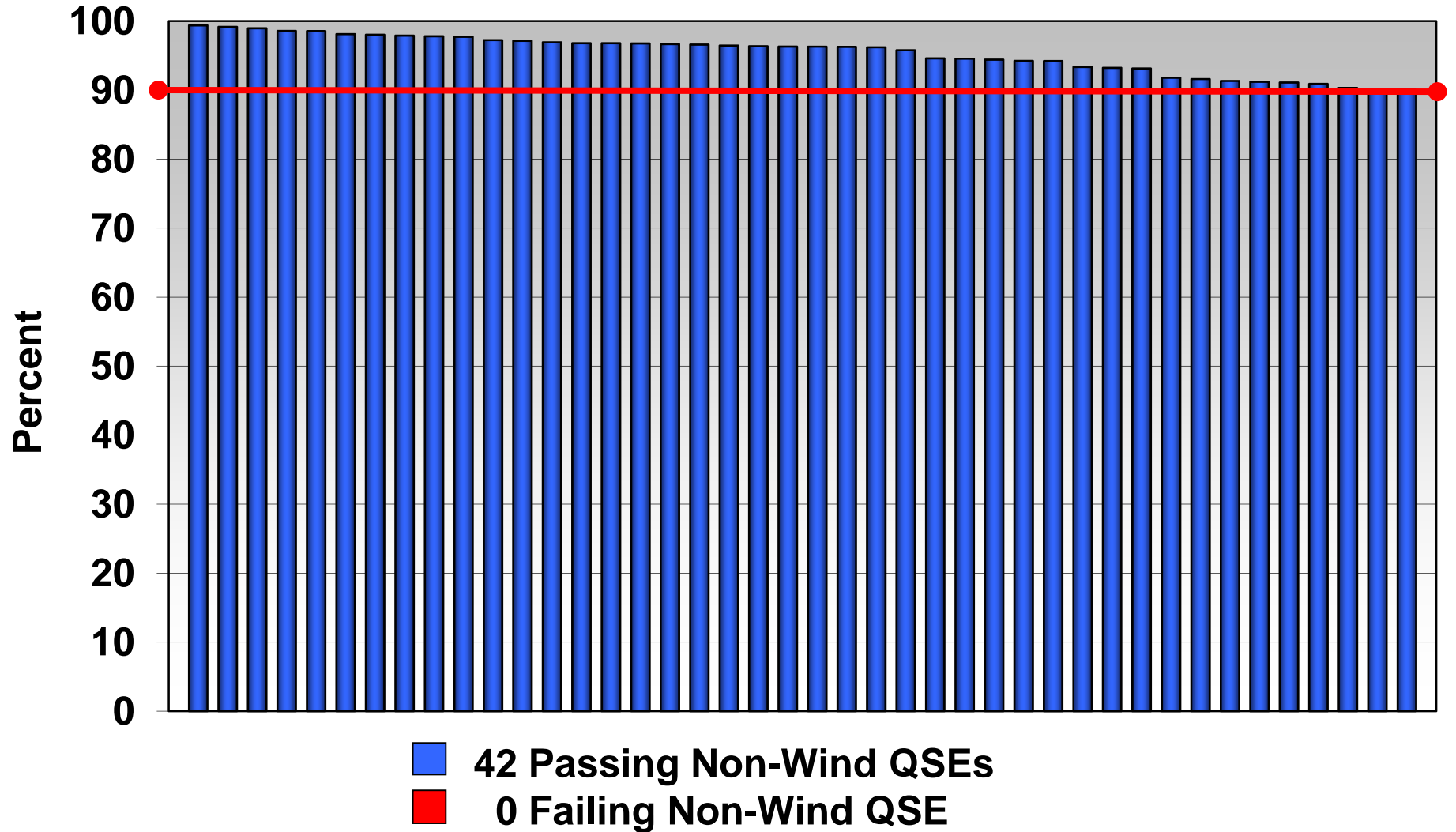


# Analysis of CPS1 Monthly Performance

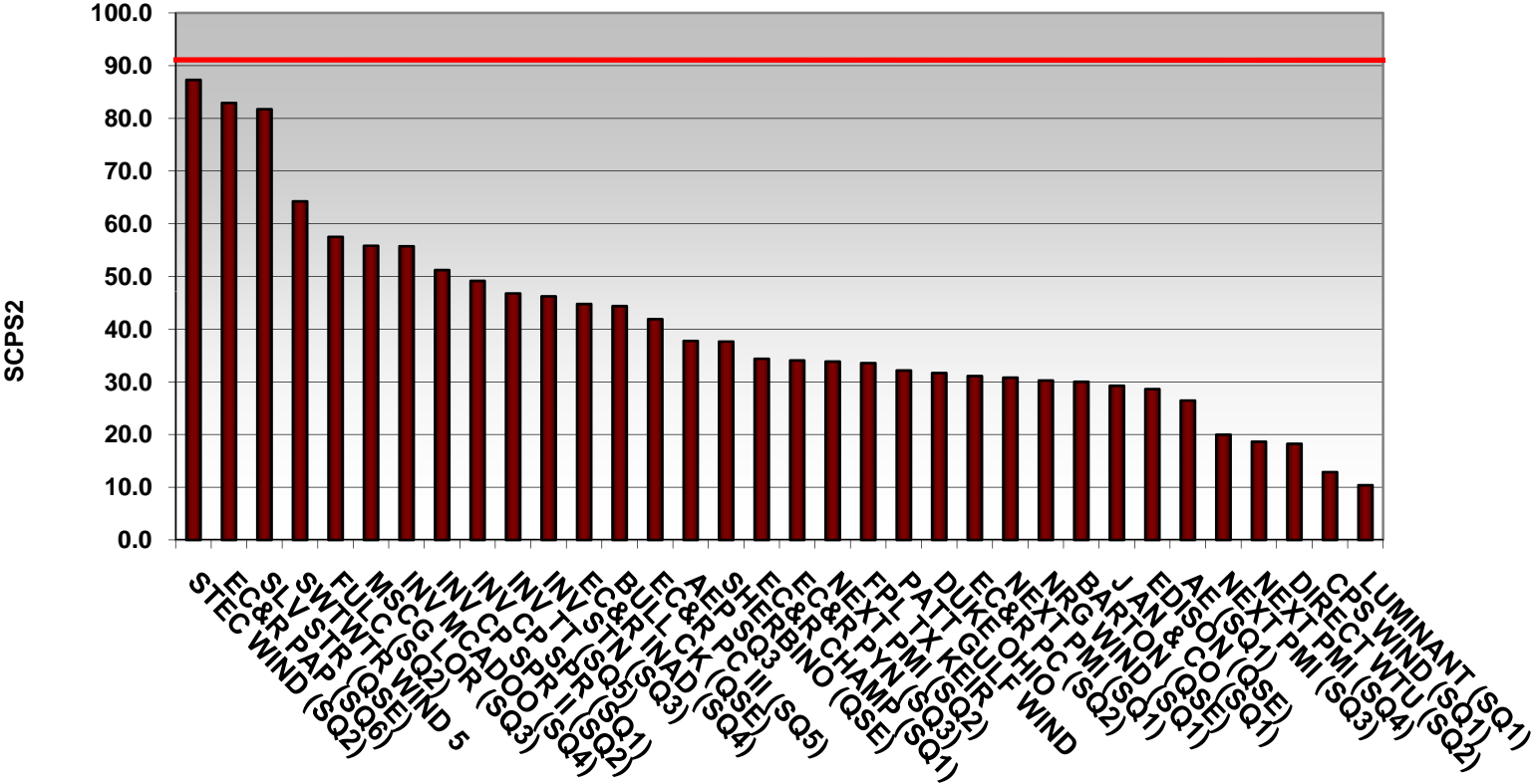
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- **Purpose: To maintain Interconnection steady-state frequency within defined limits by balancing real power demand and supply in real-time**
- **CPS1 is one reliability measure of how well the ERCOT region managed the BPS**
- **ERCOT region's frequency 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**

# May 2010 SCPS2 Scores: Non-Wind Only QSEs



# May 2010 SCPS2 Scores: Wind Only QSEs



34 Wind Only QSEs

# April 2010 Resource Plan Performance Metrics for Non-Wind Only QSEs

	AC	AD	AM	AP	AR	AY	BC	BG	BJ	BR	BX	BY	CC	CD	CF	CI	CQ	CX	DA	DE
Resource Status Score	100	100	99	100	100	99	100	98	98	100	98	100	100	100	100	100	100	100	98	100
LSL HSL Percent Score	100	99	100	91	99	100	97	98	98	93	100	99	100	98	100	96	93	99	100	100
Day Ahead Zonal Schedule	100	100	100	100	100	93	100	98	100	100	100	100	100	100	95	100	100	100	99	100
Adjustment Period Zonal Schedule	100	100	99	100	100	100	100	95	98	99	97	100	99	100	99	98	97	100	98	100
Down Bid & Obligation	100	98	99	100	95	100	99	99	98	92	97	92	92	96	100	98	93	95	91	99
Total Up AS Sch. Oblig.	-	-	99	99	100	97	94	100	-	99	99	94	99	93	100	-	100	100	95	98

	DF	DK	ET	FK	HW	ID	IP	IZ	JD	JU	JV	JZ	KA	KB	KC	KE	KF	KM	KN	KS
Resource Status Score	100	100	100	100	99	100	99	100	100	100	100	100	100	100	100	99	98	100	100	100
LSL HSL Percent Score	99	94	100	95	99	99	97	99	99	100	96	90	95	98	100	100	100	93	100	100
Day Ahead Zonal Schedule	100	100	-	98	98	100	100	100	96	-	100	100	100	99	100	100	100	100	100	100
Adjustment Period Zonal Schedule	99	91	-	100	98	100	96	97	99	100	100	97	99	99	100	100	100	100	100	100
Down Bid & Obligation	94	94	-	98	99	99	96	98	99	100	94	98	97	97	100	100	90	96	100	100
Total Up AS Sch. Oblig.	99	-	100	98	95	97	-	100	99	100	98	90	94	100	100	99	91	91	100	-

\*\* Under Review

 4 Consecutive Failing Scores

 3 Consecutive Failing Scores

 2 Consecutive Failing Scores

 1 Failing Score



# April 2010 Resource Plan Performance Metrics for Wind Only QSEs

	BE	BF	BH	BT	DI	FX	GR	GS	HJ	HS	IV	JC	JE	JF	JG	JH	JI
Day Ahead Zonal Schedule	100	100	100	93	100	100	100	100	100	100	100	100	100	100	100	100	100
Adjustment Period Zonal Schedule	100	100	100	82**	99	99	100	100	99	100	97	100	100	99	99	100	100
Down Bid & Obligation	99	100	100	99	100	100	100	100	100	100	100	100	100	95	100	100	100

	JJ	JK	JL	JM	JN	JP	JQ	JS	JT	JW	JX	JY	KI	KJ	KL	KQ
Day Ahead Zonal Schedule	100	100	90	100	100	100	90	100	100	100	100	100	100	100	100	100
Adjustment Period Zonal Schedule	98	100	99	98	100	100	99	100	98	100	93	98	97	100	100	98
Down Bid & Obligation	100	100	100	100	100	100	100	100	98	100	100	100	100	100	100	97

\*\* Under Review

 4 Consecutive Failing Scores

 3 Consecutive Failing Scores

 2 Consecutive Failing Scores

 1 Failing Score





# Analysis of April 2010 Wind Only QSE Resource Plan Performance Metrics

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BT scored below 90% for the Adjustment Period Zonal Schedule Measure

Reason:

- The difference was more than 2% between the QSE's Resource Plan MW and zonal energy schedule
- Possible cause could be changes in expected wind output were not updated in the Resource Plan – under review

Actions:

- QSE was notified of its failing score
- Response expected by June 4, 2010

# Compliance Update

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- **Current period (May - June)**
  - Three (3) NERC Audits were completed in May
  - Eight (8) NERC Audits are scheduled in June
  - Two (2) Protocol Audits are scheduled in June
- **Transmission Operator (TOP) Certification of 13 entities will begin in July and end in November**