

Texas Regional Entity Report

September 2007

Performance Highlights

- ❑ ERCOT's Control Performance Standard (NERC CPS1) score for August – 135.59
- ❑ Initial scores for August indicate one non-wind-only QSE failed the PRR 525 measure
- ❑ Overall control performance score using the PRR 525 measure (SCPS) for non-wind-only QSEs > 95%

September 5th NERC DCS Event

- ❑ Loss of transmission facilities caused by weather
- ❑ 1,084 MW of generation lost
- ❑ Frequency dipped to 59.739 Hz
- ❑ LaaR manually deployed
- ❑ EECF Step 1 declared due to low reserves
- ❑ NERC reportable disturbance
- ❑ Frequency recovered in 6 minutes – No violation of BAL-002-0
- ❑ >1150 MW LaaR deployed across ERCOT Region within 10 minutes
 - Initial information indicates that some individual QSEs with LaaR may not have met requirement

Texas RE Monthly Summary

- ☐ For August.....
 - ☐ Protocol & Operating Guides Violations
 - ☐ 1 new alleged
 - ☐ NERC Standards Violations
 - ☐ 1 new alleged
 - ☐ 4 New Events reported
 - ☐ 2 compliance investigations & reports required
 - ☐ 2 On-Site Audits completed
 - ☐ 4 Pending Registration Appeals

Request for Approval

- ☐ Amended Delegation Agreement between Texas RE and NERC
- ☐ Revisions made to Exhibit D, Exhibit D Attachments 1 & 2, and Exhibit E to address FERC Directives
- ☐ Texas RE Board-approved Delegation Agreement to be provided to NERC by October 1st
- ☐ NERC Board of Trustees to approve week of October 8th
- ☐ NERC to file Delegation Agreements at FERC on October 16th

Texas Regional Entity

Report Details

NERC CPS1 Performance

☐ ERCOT's CPS1 Performance

■ August Performance

☐ August performance comparison

■ August 2007: 135.59

■ August 2006: 151.33

☐ 12 month rolling average comparison

■ Sept 2006 → Aug 2007: 132.61

■ Sept 2005 → Aug 2006: 140.09

☐ PRR 525 Performance

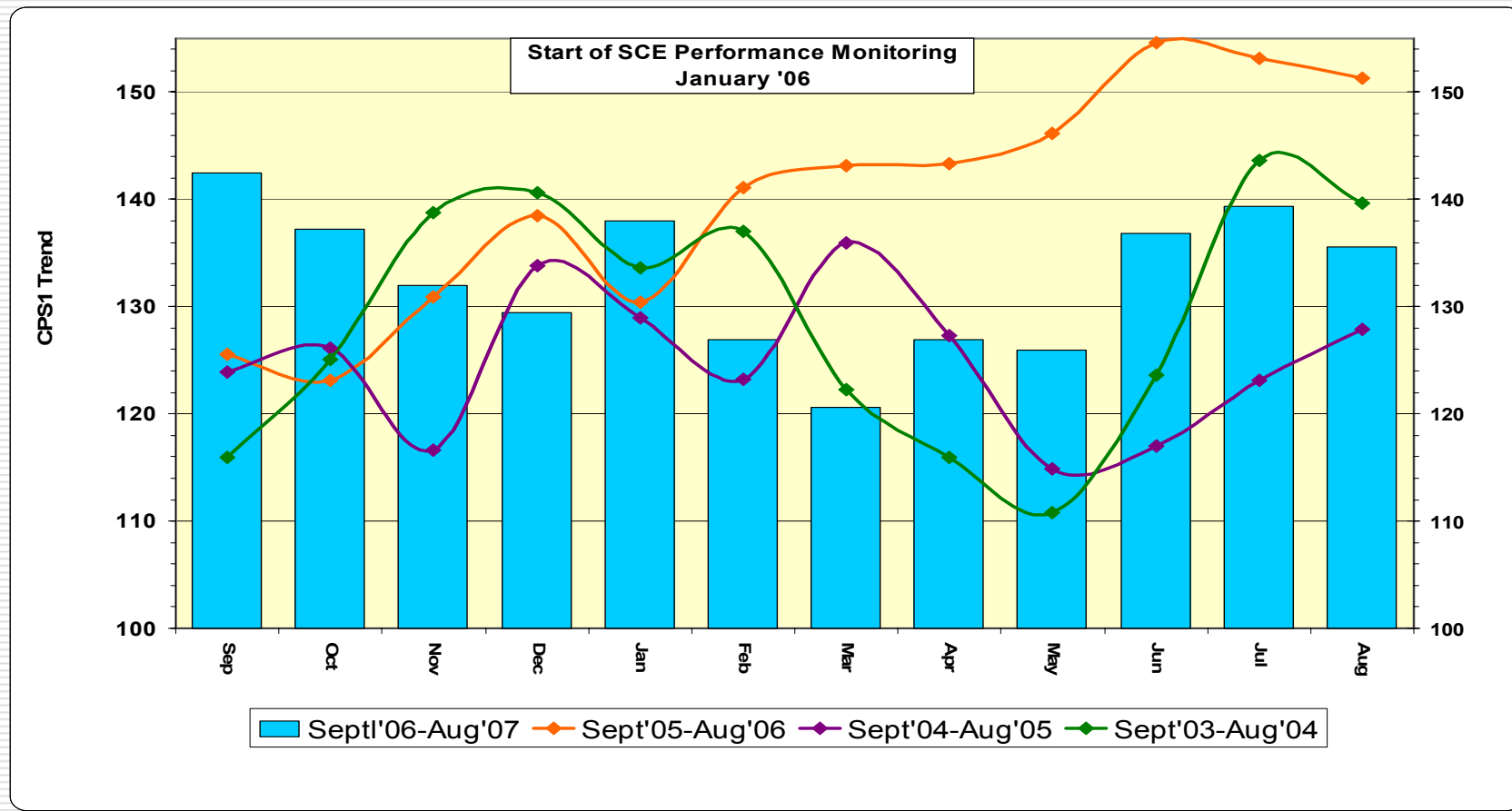
■ Initial scores for August indicate 33 QSEs passed / 1 non-wind-only QSE failed the measure

■ Scores posted on the ERCOT Compliance Website

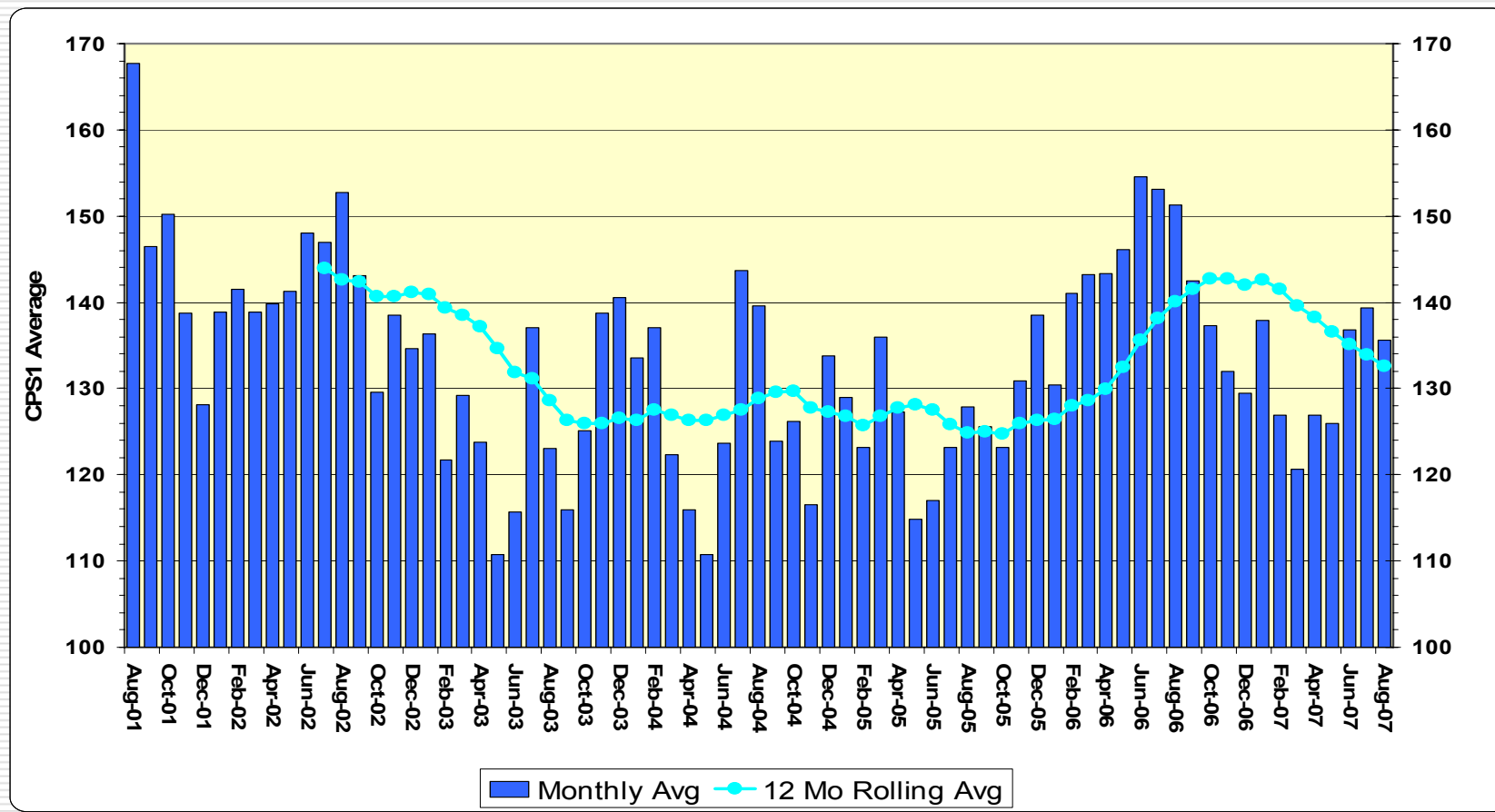
☐ [SCE Performance Scores](#)

ERCOT CPS1

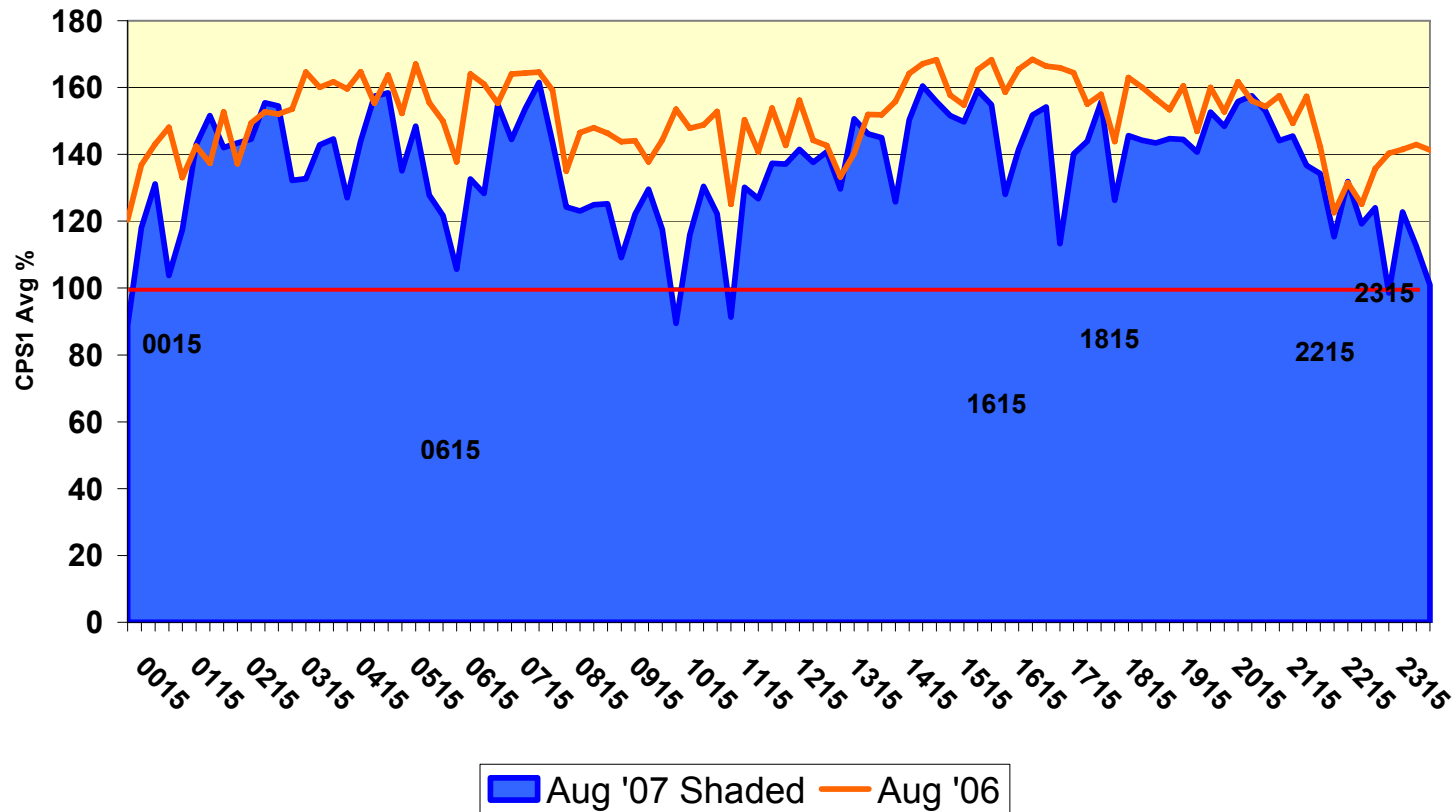
Performance Comparison



ERCOT's CPS1 Monthly Performance

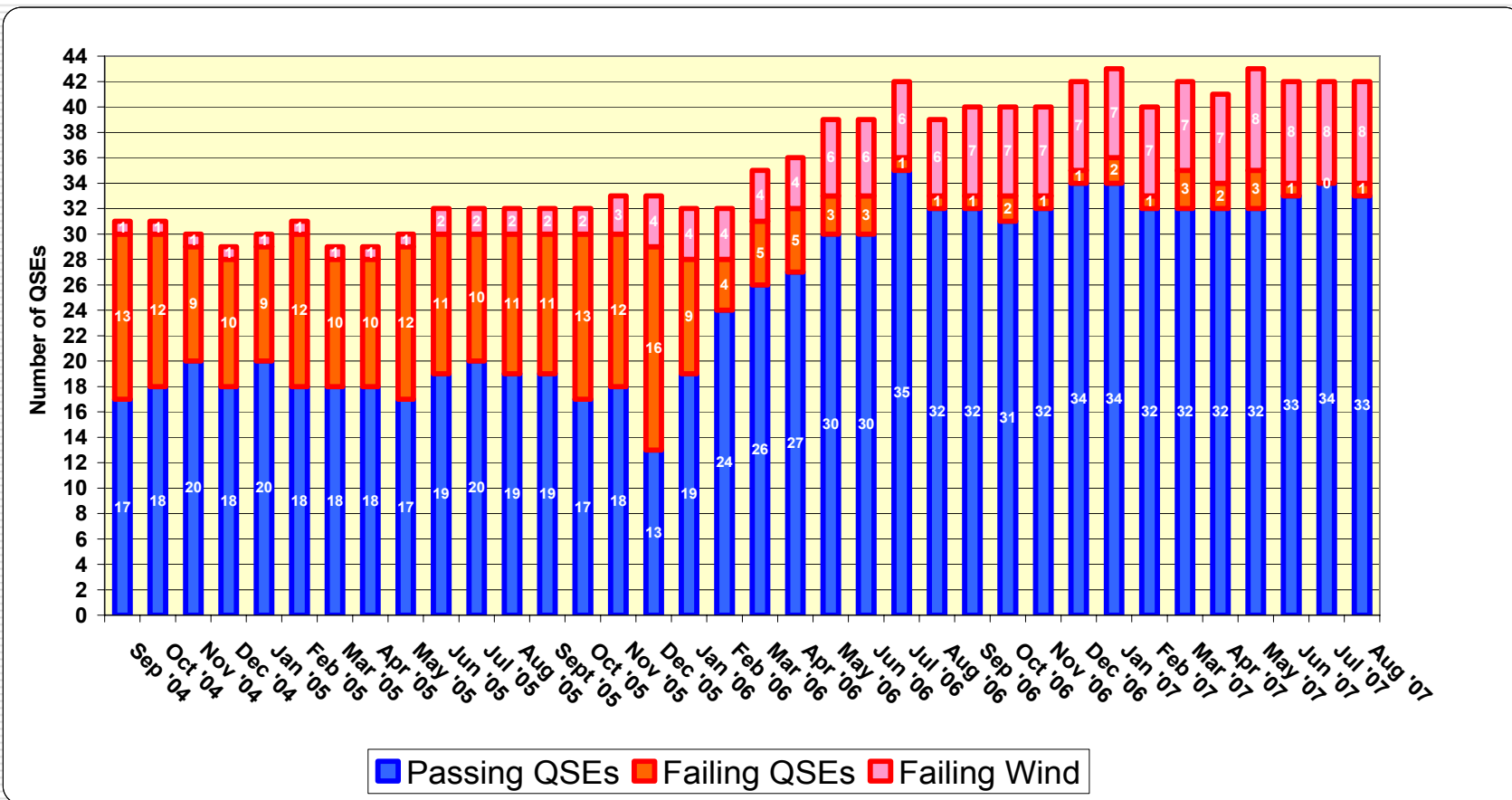


ERCOT CPS1 by Interval

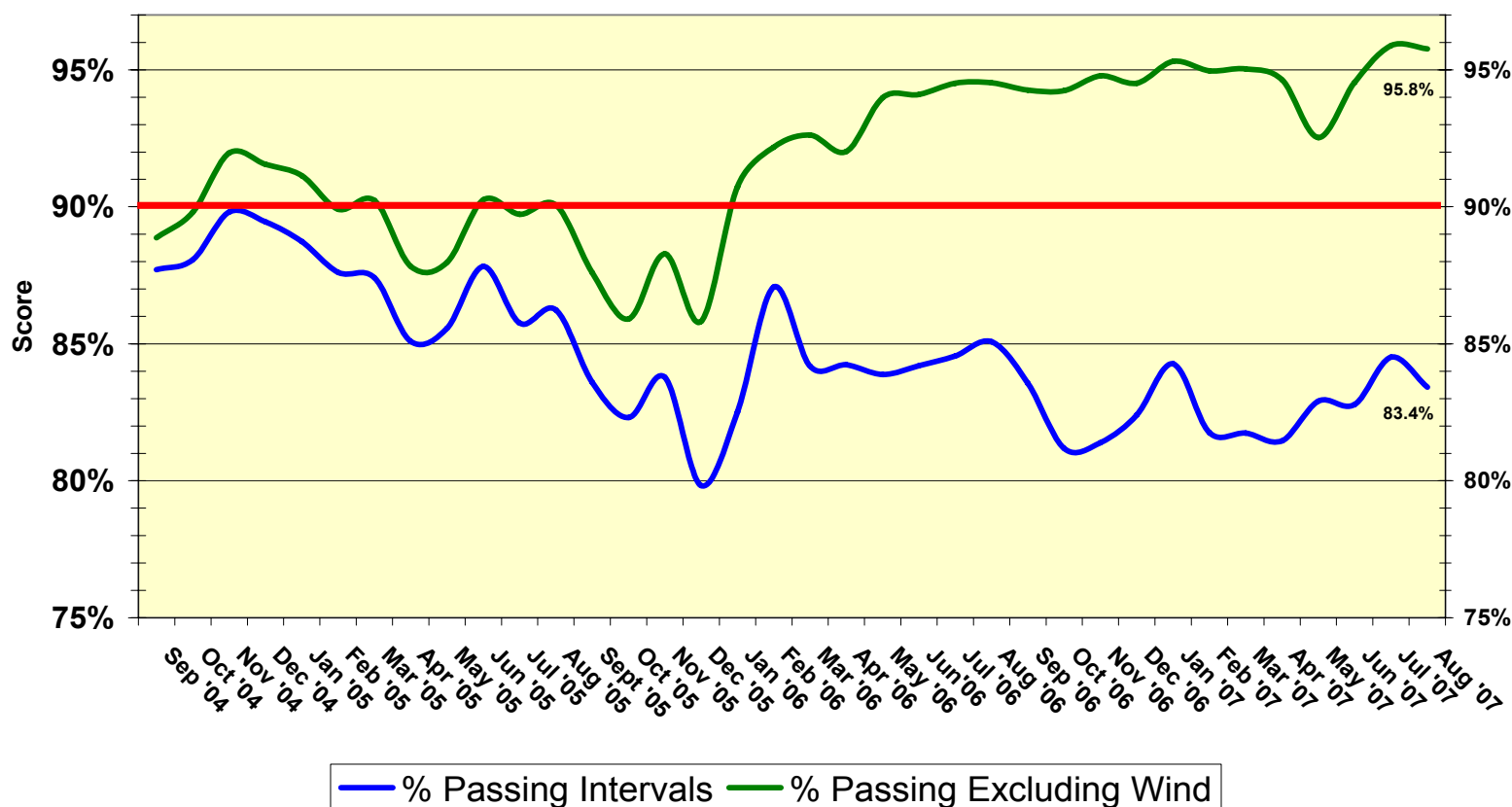


QSE PRR 525

10-Minute Interval Scoring



PRR 525 Passing 10-Min Interval Percentage Trends



August 2007 Resource Plan Performance Metrics

PARTYNAME	ID																								
	DK	BT	DE	IP	AP	AO	HA	BY	BC	JA	AY	AM	AR	BR	HJ	DF	BP	CI	AE	AD	BJ	BH	CJ	CF	ET
Resource Status Score	100	-	100	100	100	100	100	99	100	100	95	98	100	99	-	100	100	100	-	100	100	-	100	100	96
LSL HSL Percent Score	70	-	99	99	100	95	99	99	100	88	100	93	96	93	-	100	100	100	-	100	98	-	100	93	100
DA Zonal Schedule Score	99	95	100	100	100	97	96	100	100	100	83	98	97	96	100	100	100	96	-	100	98	100	97	96	91
AP Zonal Schedule Score	99	97	100	100	100	100	99	100	99	100	99	99	100	95	93	100	100	100	-	100	100	99	99	98	96
Down Bid Obligation Score	93	96	72	100	97	97	99	100	100	95	99	94	100	99	87	82	100	100	-	100	93	98	97	97	100
Total Up AS Scheduled Obligation Score	-	-	100	-	100	97	95	100	99	100	97	90	100	96	-	99	-	-	100	-	-	-	91	100	95

PARTYNAME	ID																							
	DA	GR	GS	BF	BE	DP	EU	BG	CX	FK	HW	HT	IN	IZ	JB	BX	CC	CD	FS	AC	CQ	IV	IO	FY
Resource Status Score	100	-	-	-	-	97	100	99	100	99	99	-	98	100	-	100	100	96	100	100	99	-	100	-
LSL HSL Percent Score	100	-	-	-	-	100	100	98	100	100	100	-	100	92	-	100	100	90	100	-	89	-	100	-
DA Zonal Schedule Score	98	100	99	100	100	-	100	97	98	99	95	33	100	100	100	100	87	100	100	-	95	100	99	-
AP Zonal Schedule Score	98	100	97	100	100	100	100	100	93	100	97	33	100	100	99	100	99	99	100	-	99	99	95	-
Down Bid Obligation Score	96	100	100	99	97	100	93	100	94	100	97	-	100	100	99	99	99	92	-	-	99	97	95	-
Total Up AS Scheduled Obligation Score	95	-	-	-	-	100	100	100	99	98	99	-	95	100	-	100	100	99	-	-	99	-	-	100

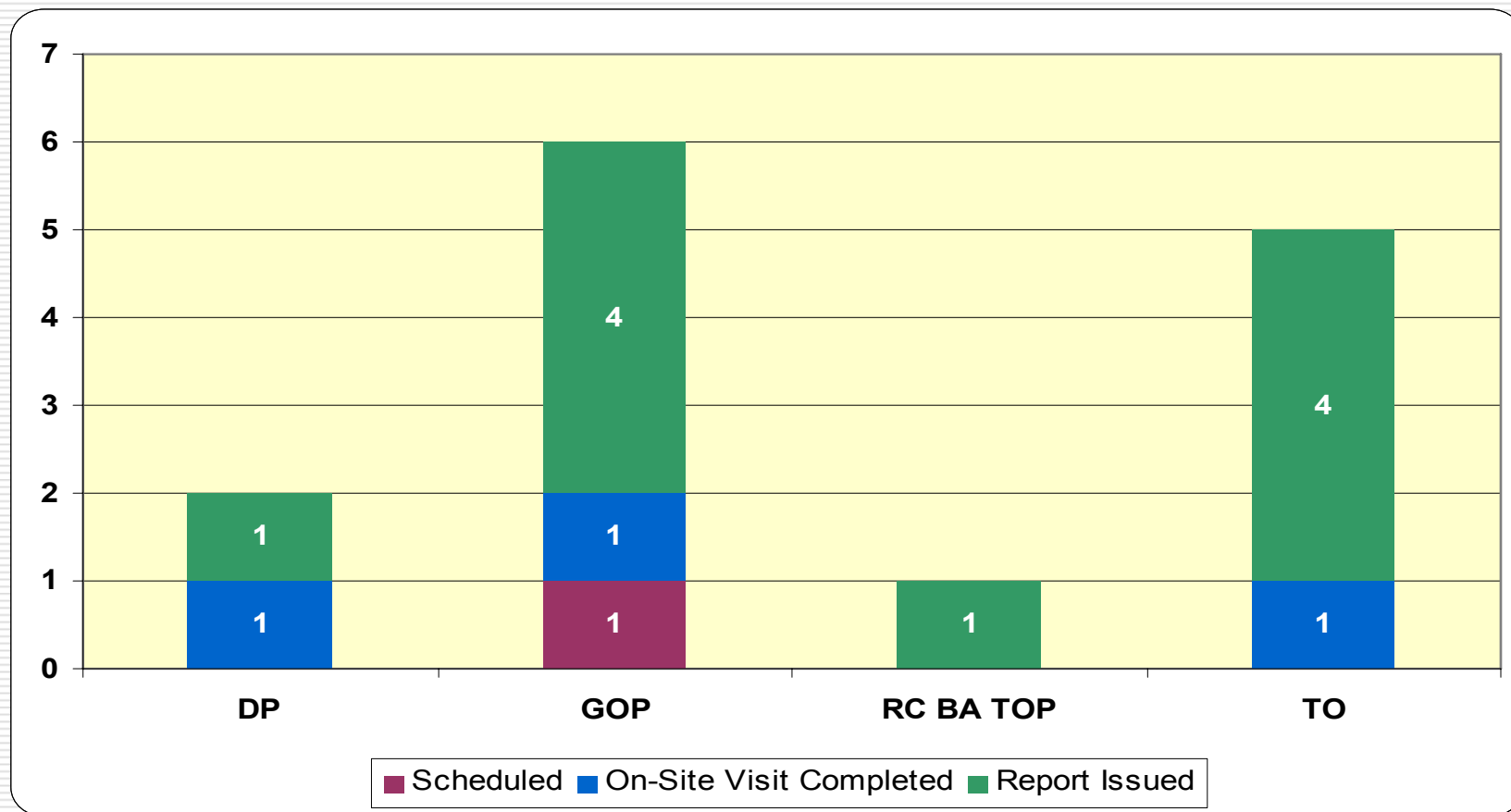
 4 Consecutive Failing Scores  3 Consecutive Failing Scores

 2 Consecutive Failing Scores  1 Failing Score

Organization Registration Status

- ❑ Of 211 entities registered in the ERCOT Region, 8 entities officially appealed their registration
 - ❑ 4 appeals resolved by the Texas RE
 - ❑ 2 appeals heard by NERC Board of Trustees Compliance Committee (BOT CC)
 - ❑ 1 entity appealing their registration as a Transmission Owner
 - ❑ 1 entity appealing their registration as a Transmission Owner/Planner
 - ❑ 2 appeals pending and will go before the BOT CC for resolution
 - ❑ 2 entities appealing their registration as a Generator Operator

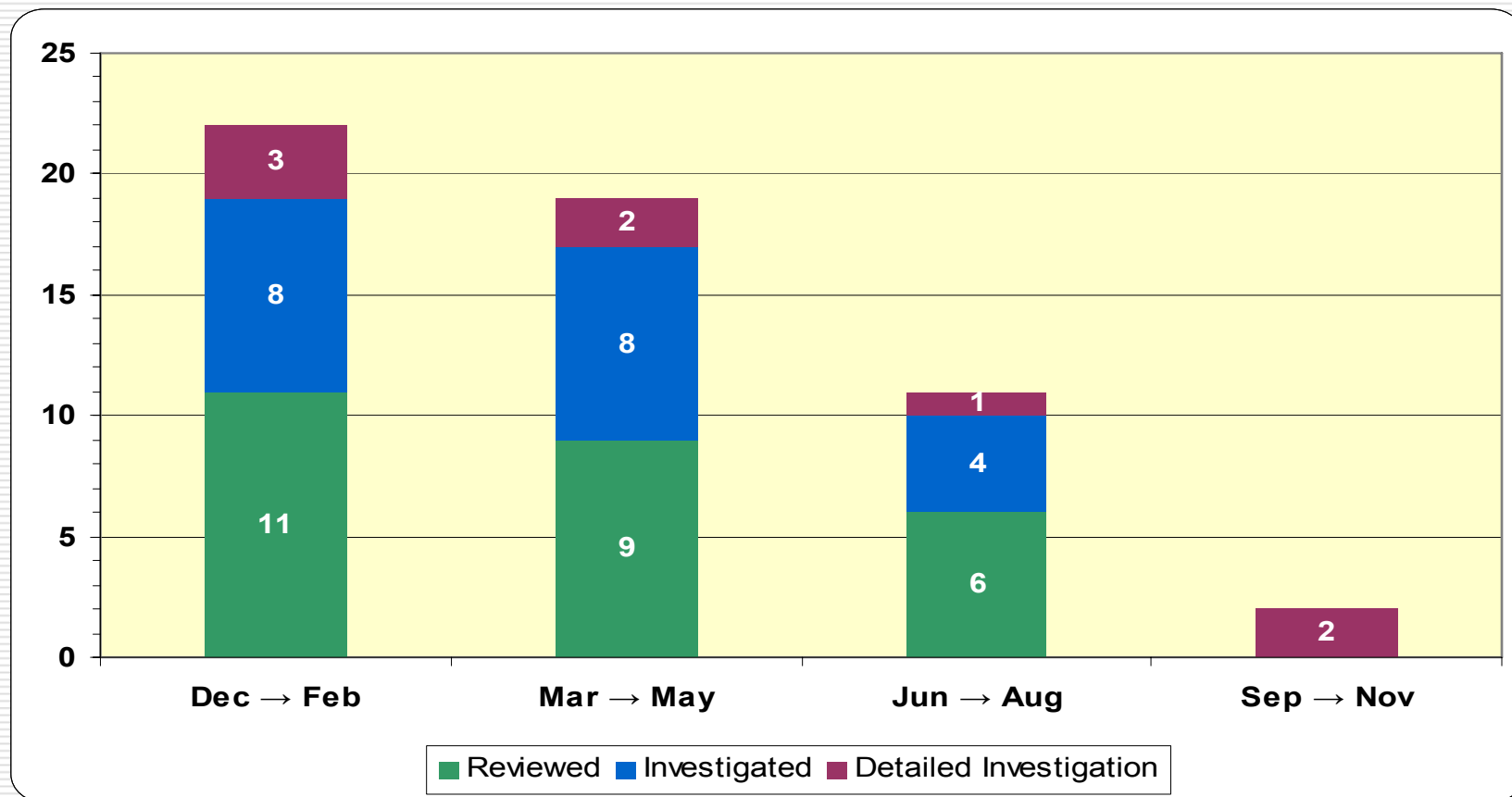
2007 Compliance Audits



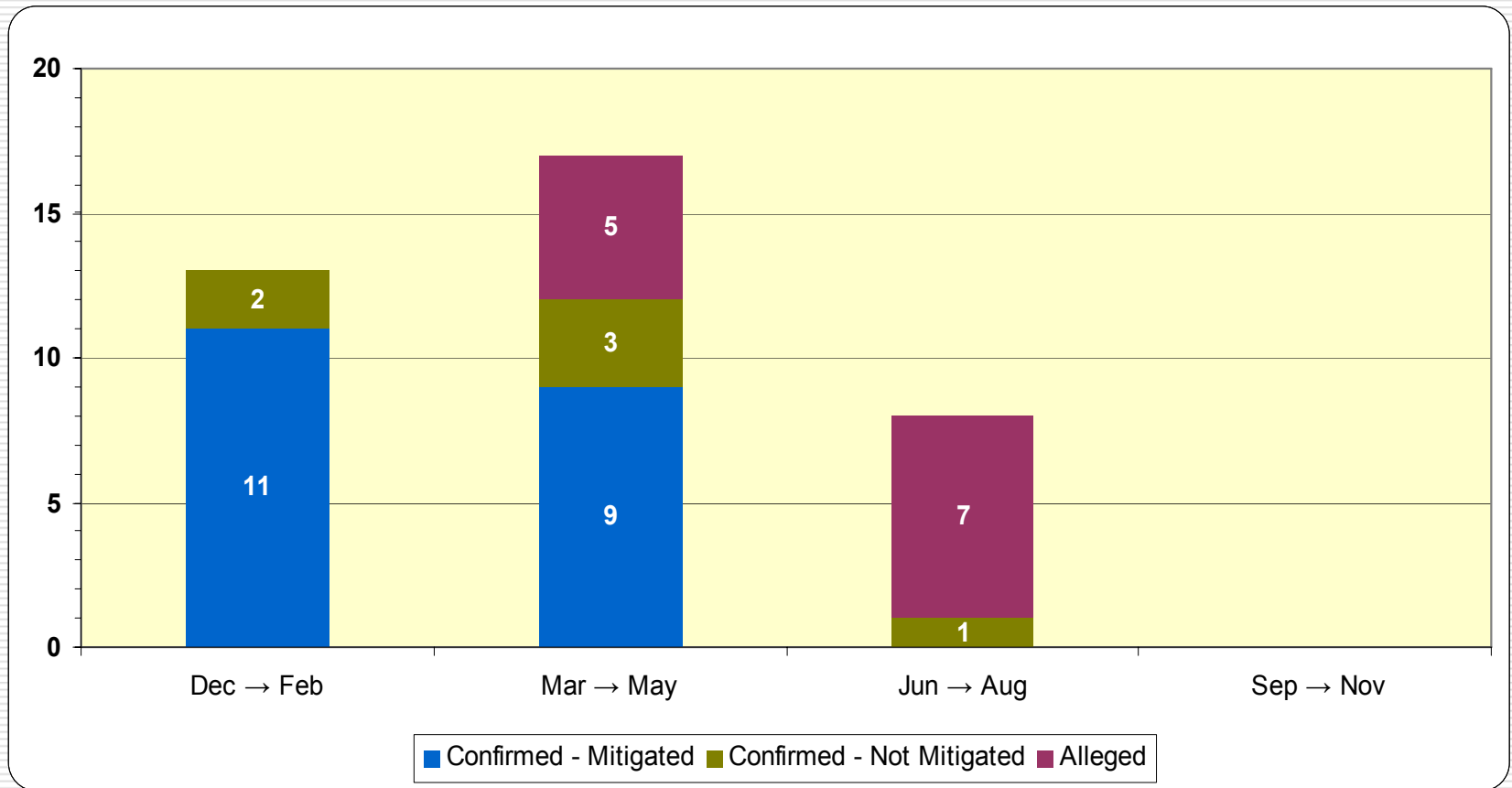
NERC Functional Entity Types

- DP – Distribution Provider
- GO – Generator Owner
- GOP – Generator Operator
- TO – Transmission Owner
- TP – Transmission Planner
- RC – Reliability Coordinator
- BA – Balancing Authority
- TOP – Transmission Operator
- PA – Planning Authority
- TSP – Transmission Service Provider
- RP – Resource Planner
- PSE – Purchasing-Selling Entity

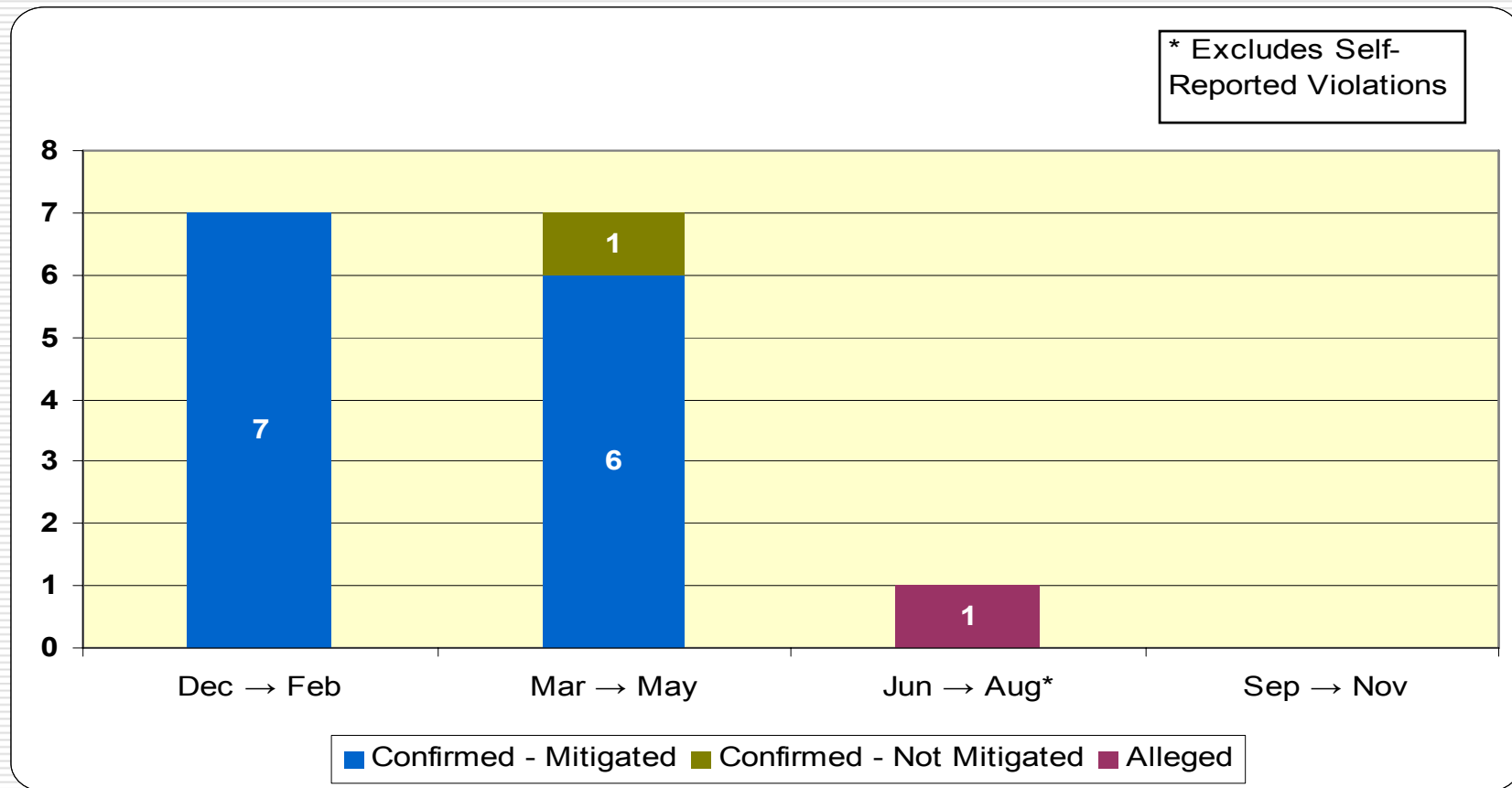
Compliance Reviews: Events by Season



Violations of ERCOT Protocols Reported by Season



Violations of NERC Standards Reported by Season



NERC Standards

Self-Reported Violations

Prior to June 18th

