



ERCOT Monthly Operational Overview (September 2012**)**

October 15, 2012



Grid Operations & Planning

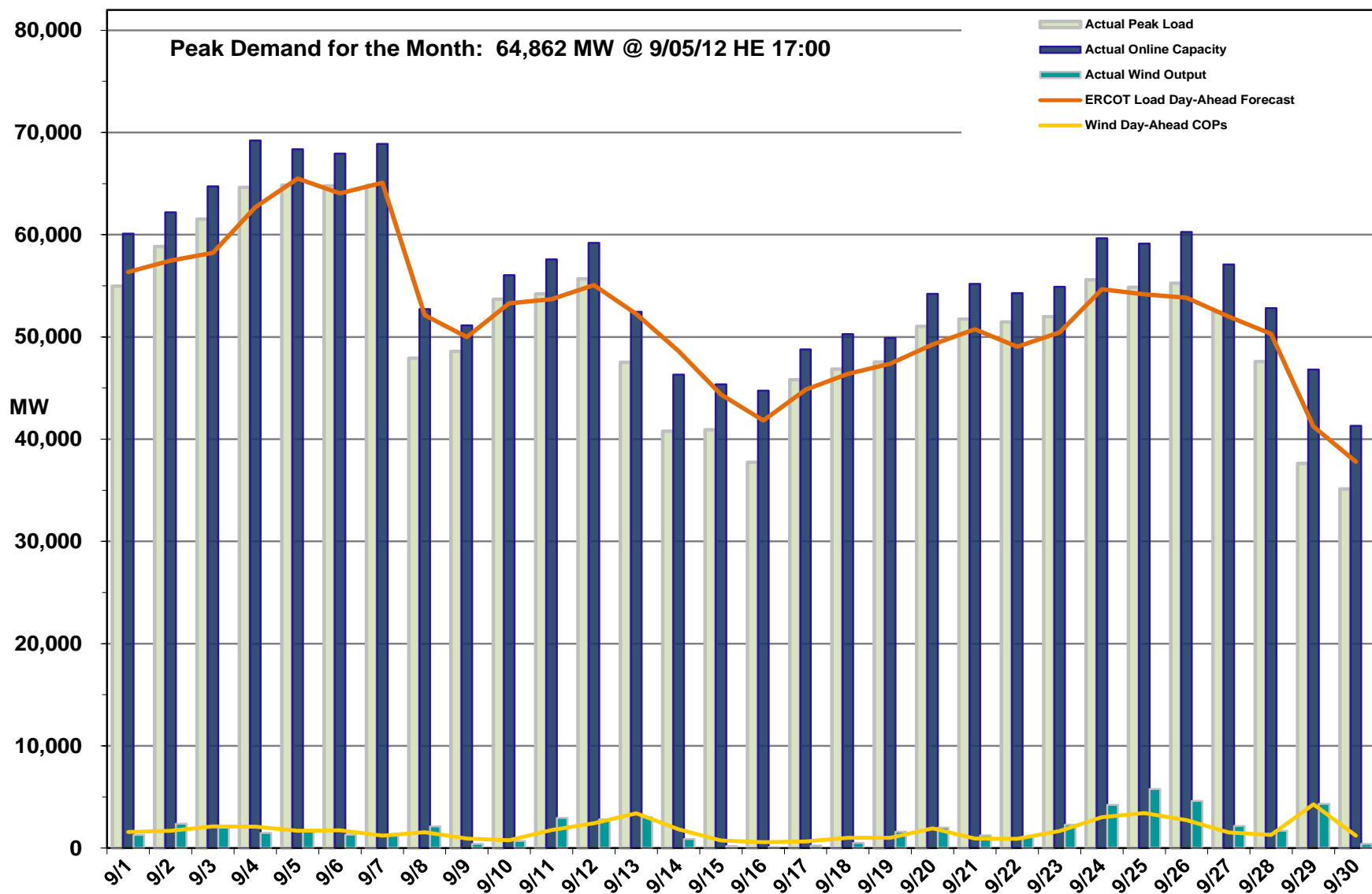
- **September 2012 Operations**

- Peak Demand: Actual vs. Forecast
On-line Resources: Total at Peak and Wind
- CPS1 Monthly Performance
- Historical Peak and Minimum Loads
- Day-Ahead Load Forecast Performance
- Reliability Unit Commitment Capacity (RUC) by weather zone
- Generic Transmission Limits (GTLs)
- Advisories, Watches and EEAs
- Significant System Incidents

- **Planning Activities**

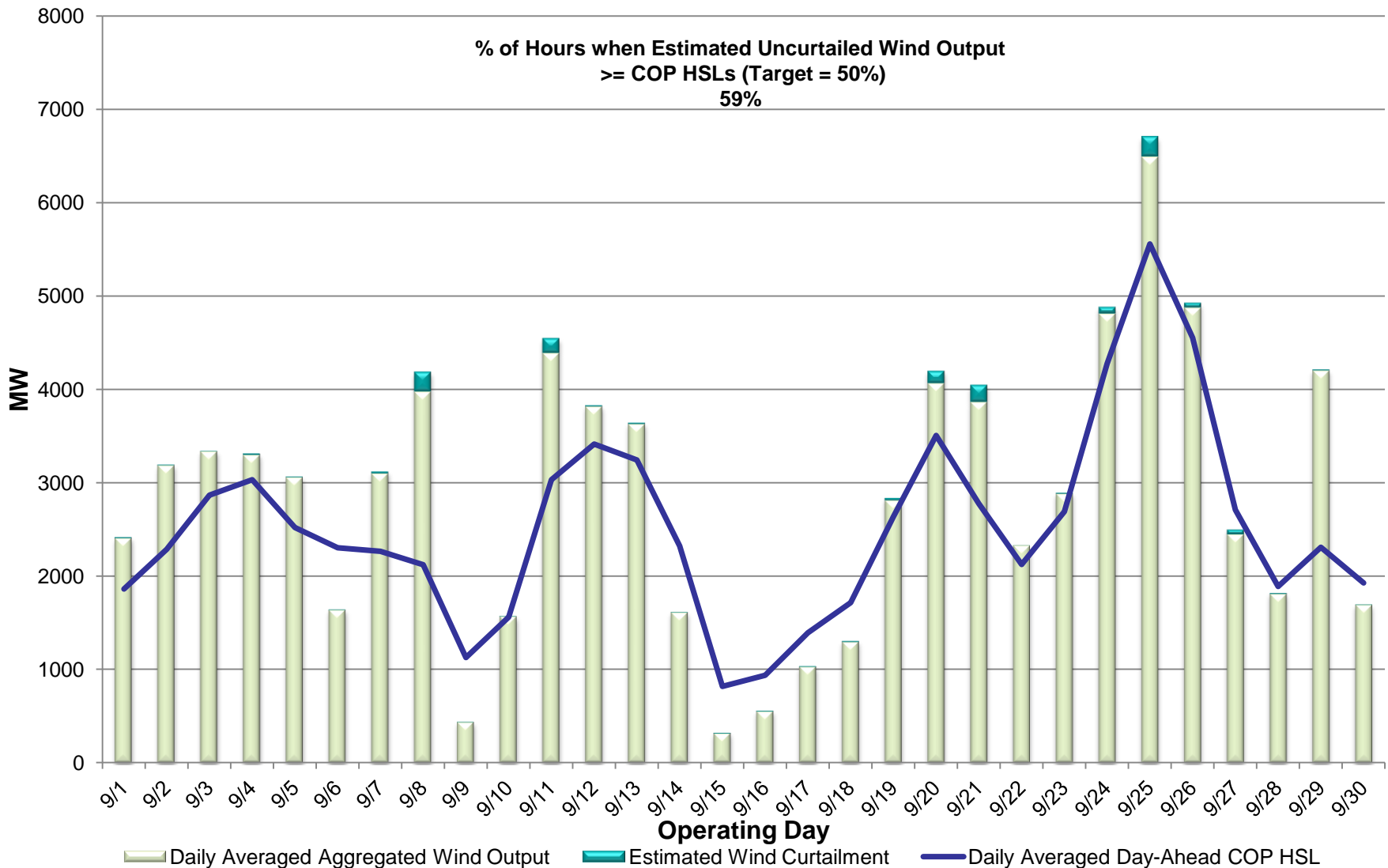
- Summary
- Generation Interconnection Requests
- Wind Capacity

September 2012 Daily Peak Demand: Hourly Average Actual vs. Forecast, Wind Day-Ahead COPs & On-line Capacity at Peak



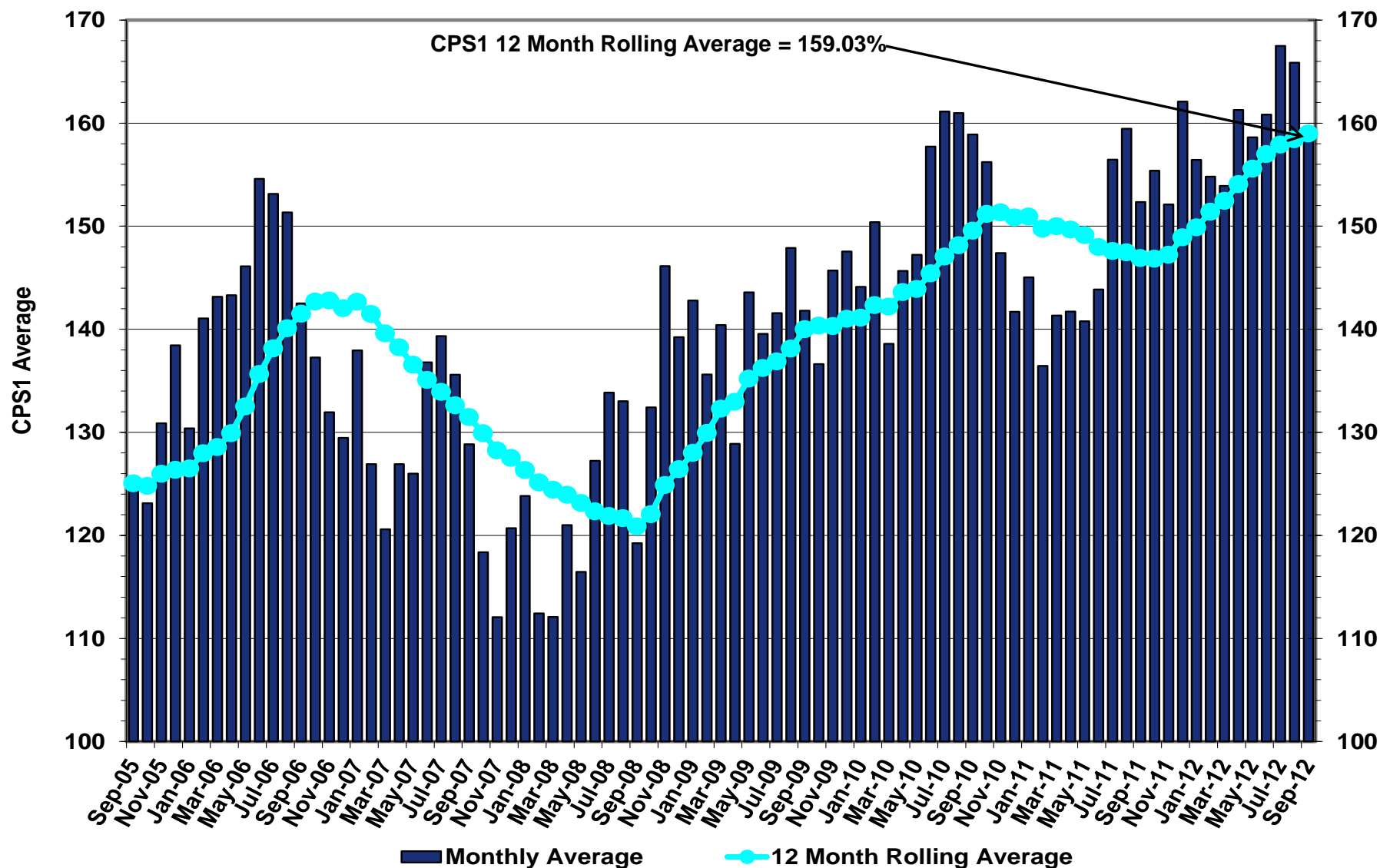
Note: All data are hourly averages during the peak load hour obtained from COPs, and EMMS.

September 2012 Actual Wind Output plus Curtailments vs. Wind Day-Ahead COPs for All Hours

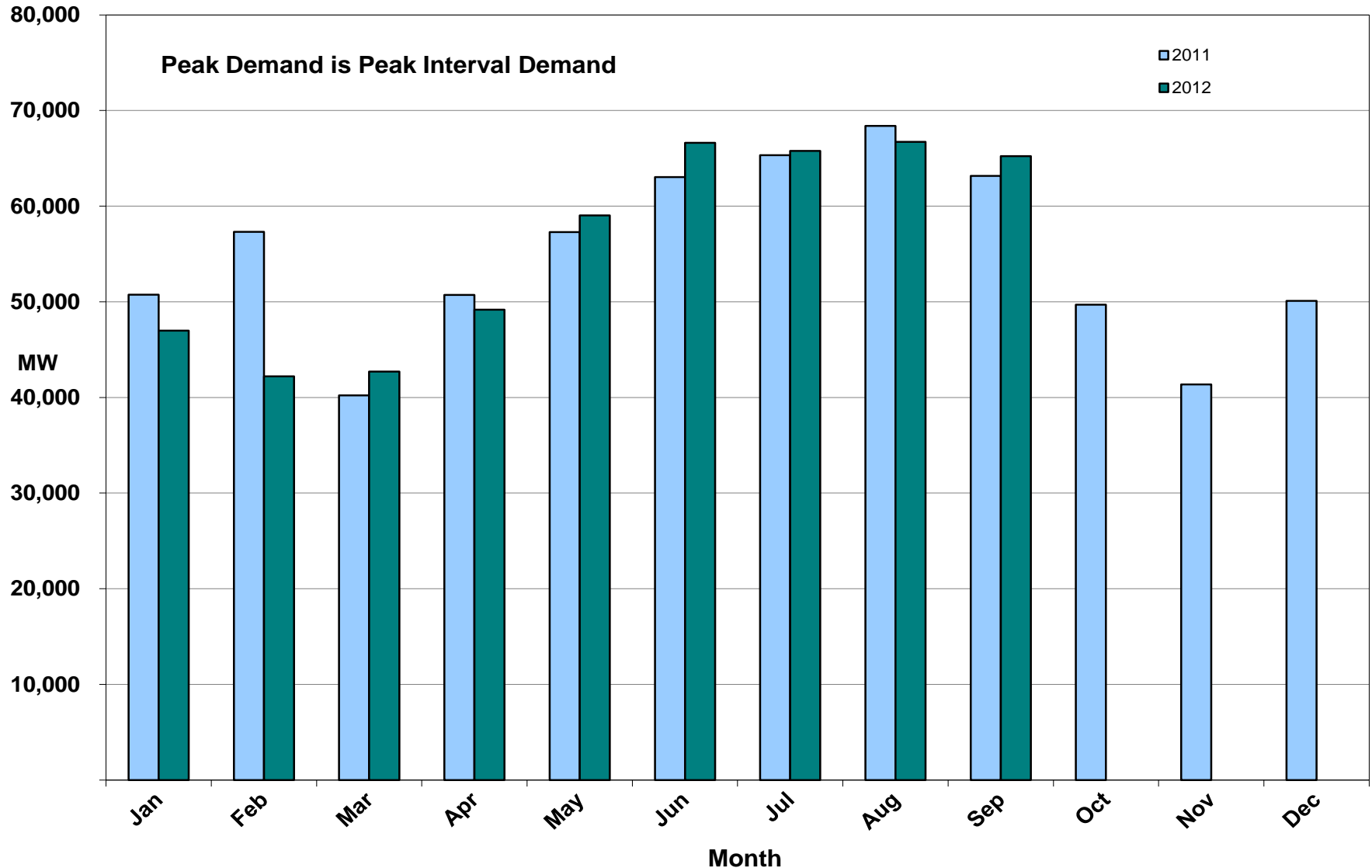


Note: QSEs must use the AWST 50% probability of exceedance forecast as the HSL in their COPs

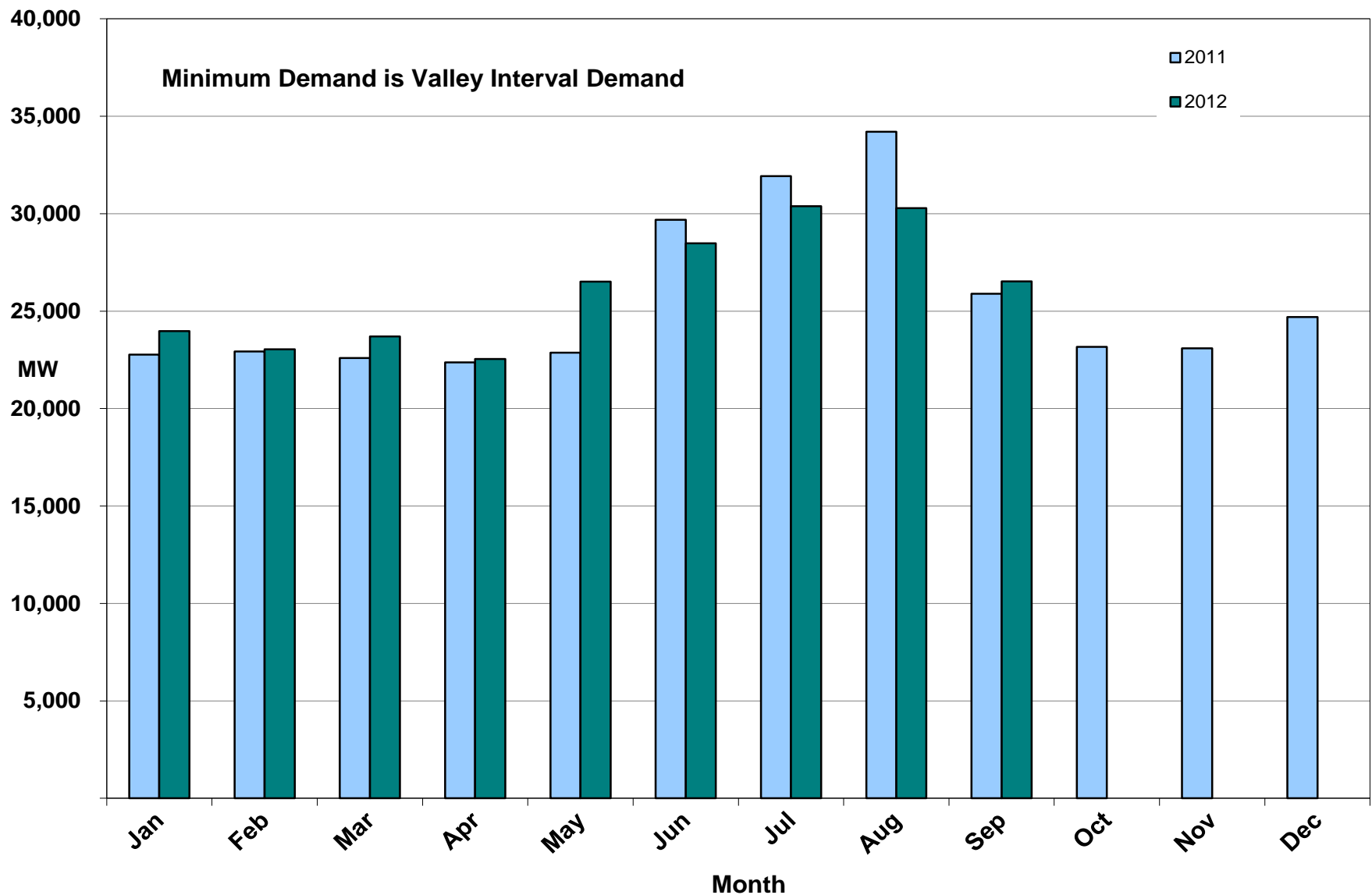
September 2012 ERCOT's CPS1 Monthly Performance



September 2012 Monthly Peak Actual Demand



September 2012 Monthly Minimum Actual Demand

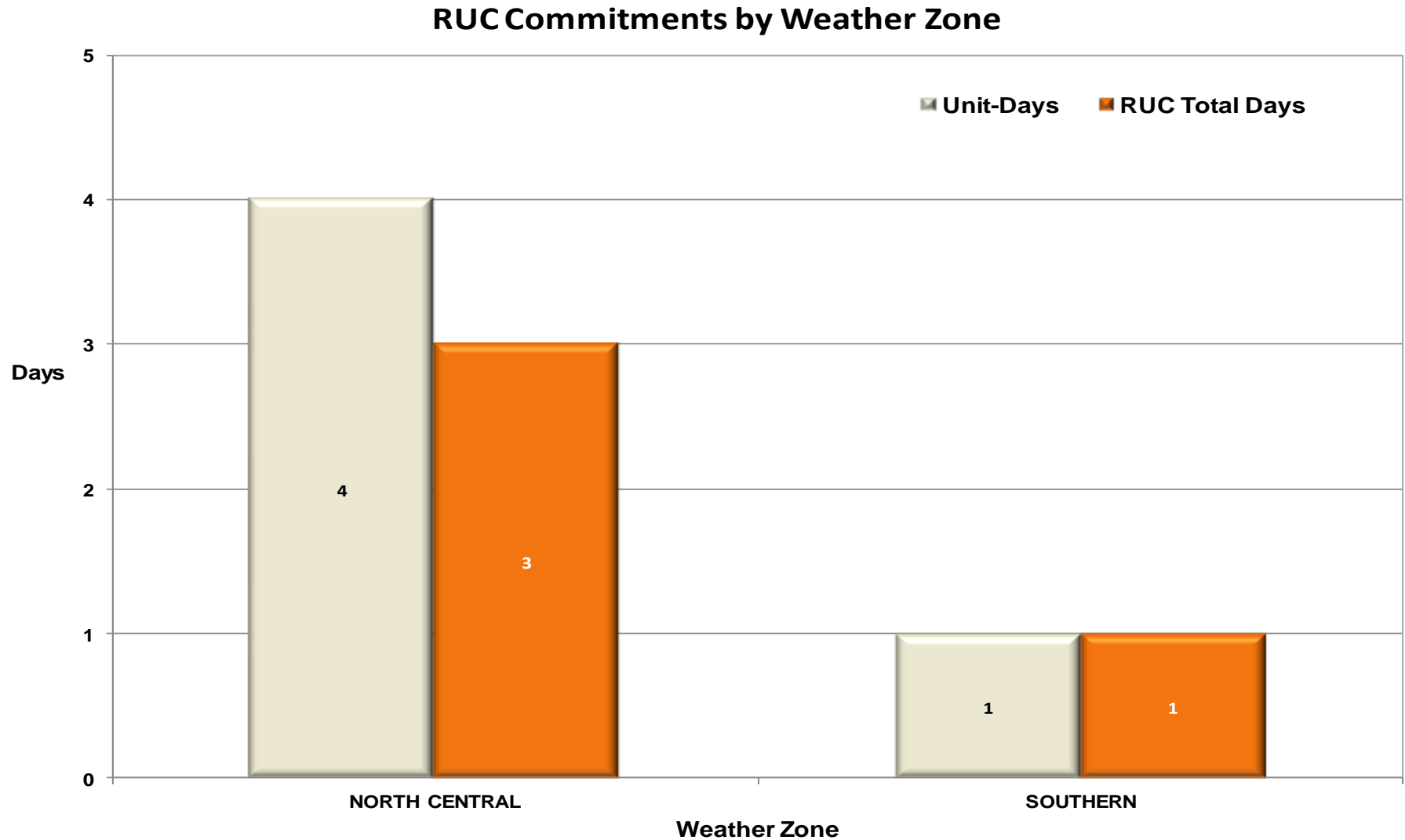


Day-Ahead Load Forecast Performance in **September 2012**

**Mean Absolute Percent Error (MAPE) for ERCOT Mid-Term Load Forecast (MTLF)
Run at 14:00 Day Ahead**

	2009 MAPE	2010 MAPE	2011 MAPE	2012 MAPE	Sep 2012 MAPE	
Average Annual MAPE	3.11	2.83	2.83	2.99	3.43	
Lowest Monthly MAPE	1.93	2.24	1.63	2.51	Lowest Daily MAPE	1.04 Sep – 05
Highest Monthly MAPE	4.11	3.79	3.55	3.49	Highest Daily MAPE	12.61 Sep – 14

Reliability Unit Commitment (RUC) Capacity by Weather Zone in **September 2012**



September 2012 Generic Transmission Limits (GTLs)

GTLs	Sep 11 Days GTLs	Jul 12 Days GTLs	Aug 12 Days GTLs	Sep 12 Days GTLs	Last 12 Months Total Days (Sep11 – Sep12)
North – Houston	0	0	0	0	1
West – North	11	2	3	4 Sep (7,20,24,25)	186
Valley Import	0	0	0	0	0

GTL: A transmission flow limit more constraining than a Transmission Element's normal limit established to constrain flow between geographic areas of the ERCOT Transmission System that is used to enforce stability and voltage constraints that cannot be modeled directly in ERCOT's transmission security analysis applications.

Note: This table lists how many times a constraint has been activated to avoid exceeding a GTL limit, it does not imply an exceedance of the GTL occurred.

Advisories and Watches in **September 2012**

- **Advisories issued for Physical Responsive Capability (PRC) below 3000 MW.**
 - None
- **Watches issued for Physical Responsive Capability (PRC) below 2500 MW.**
 - None
- **Transmission Watches**
 - None
- **Energy Emergency Alerts**
 - None

Lake Levels Update – 01 October 2012

Surface Water & (MW)	*Level @ Full Conservation Pool	*Level on Jan 1, 2011	*Level on Oct 7, 2011	*Level on Oct 01, 2012
Lake Texana (56)	44.50	41.00	32.81	43.27
Bardwell Lake (312)	421.00	420.71	416.23	418.75
Lake Colorado City (407)	2,070.20	2057.33	2052.4	2052.66
Lake Ray Hubbard (916)	435.50	432.37	429.22	433.04
Lake Granbury (983)	693.00	691.90	686.27	688.70
Lake Houston (1016)	41.73	42.10	36.76	41.90
Twin Oaks Reservoir (1616)	400	398.87	398.27	400.12
Lake Limestone (1689)	363	359.03	354	359.44
Martin Lake (2425)	306	300.48	295.06	300.85

* In Feet above Mean Sea Level

Planning Summary – September 2012

ERCOT is currently tracking 143 active generation interconnection requests totaling almost 39,000 MW. This includes over 21,000 MW of wind generation.

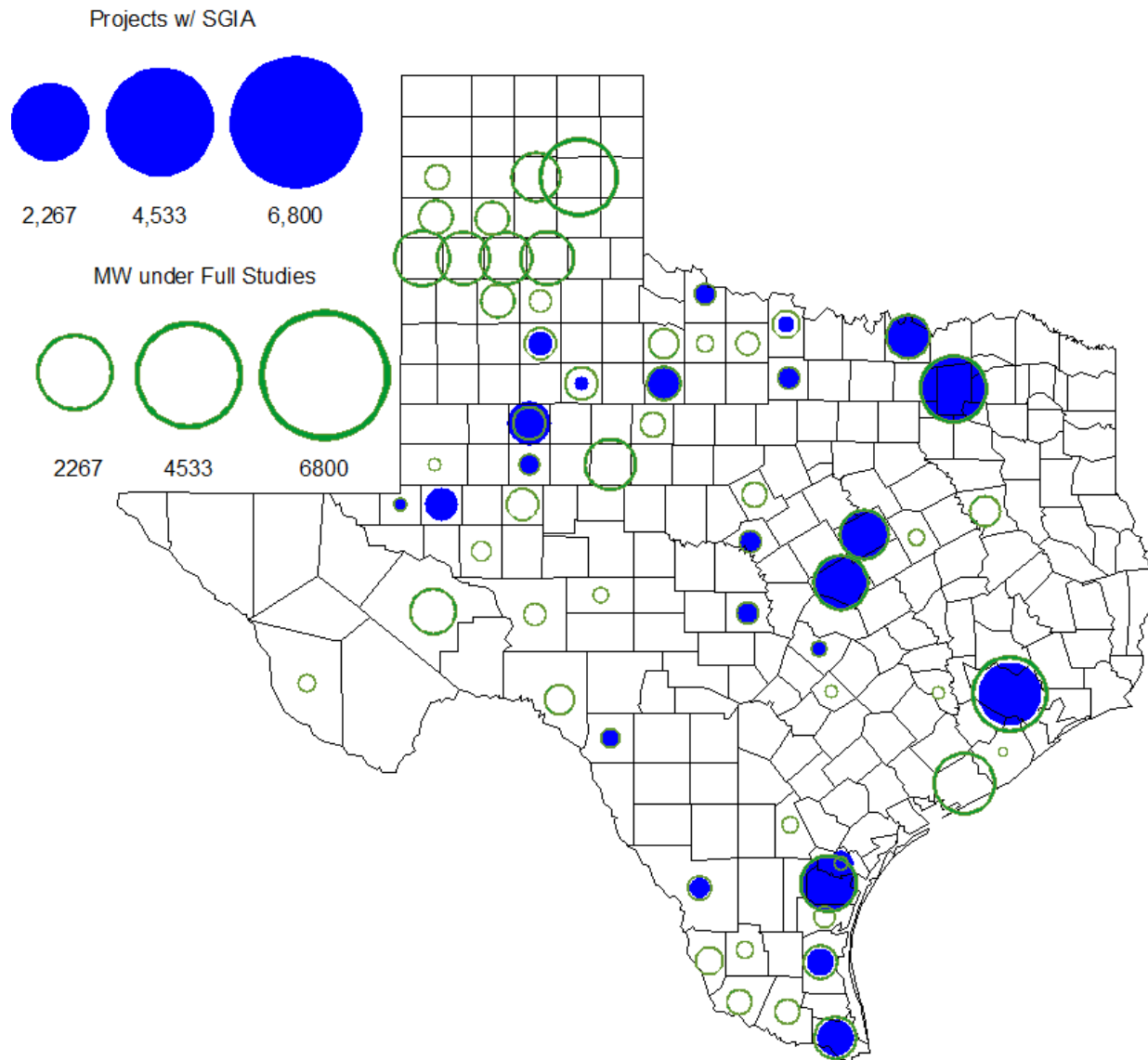
ERCOT is currently reviewing proposed transmission improvements with a total cost of \$257.5 Million

Transmission Projects endorsed in 2012 total \$550.9 Million

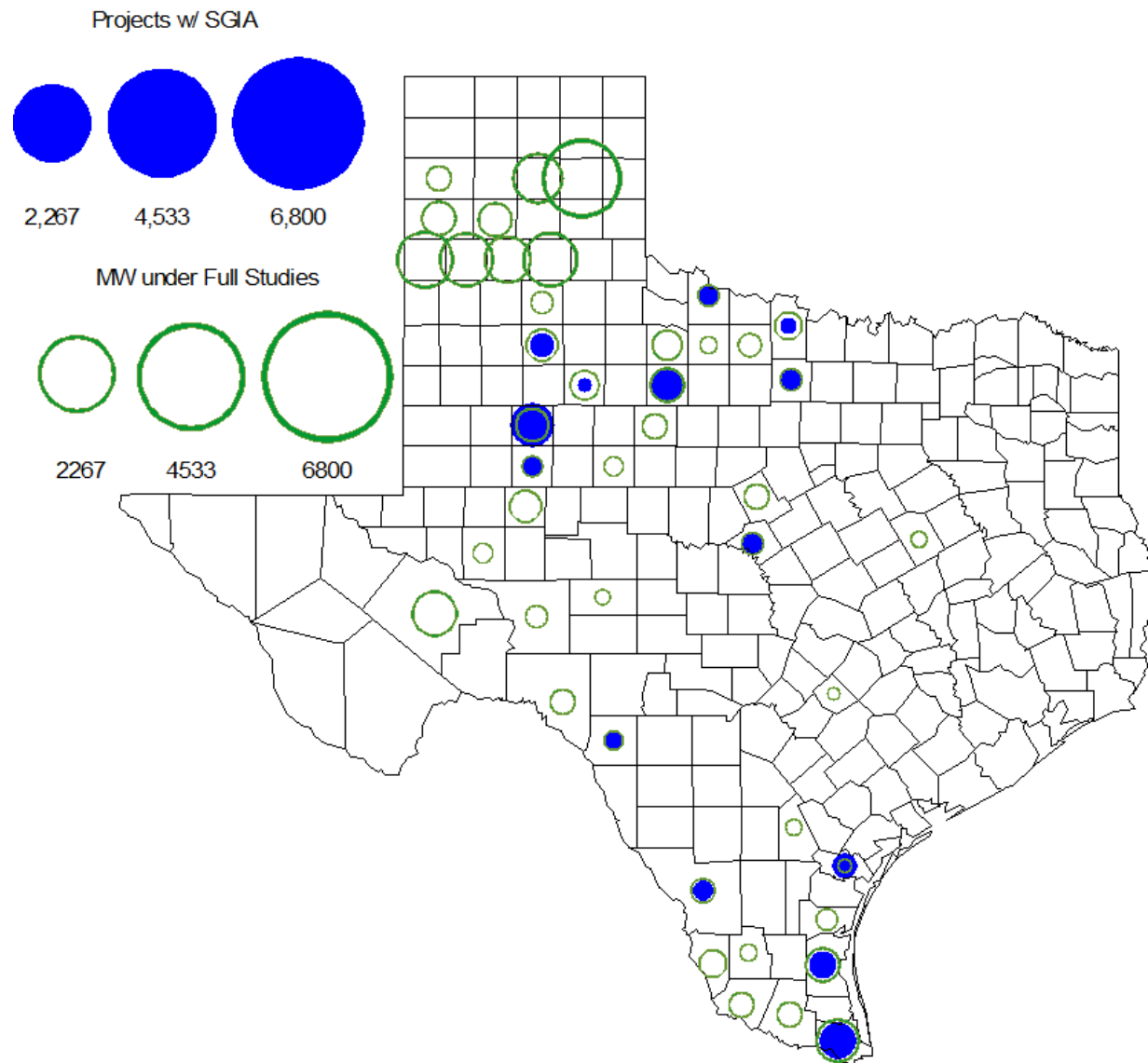
All projects (in engineering, routing, licensing and construction) total approximately \$9.68 Billion.

Transmission Projects energized in 2012 total about \$732.2 million.

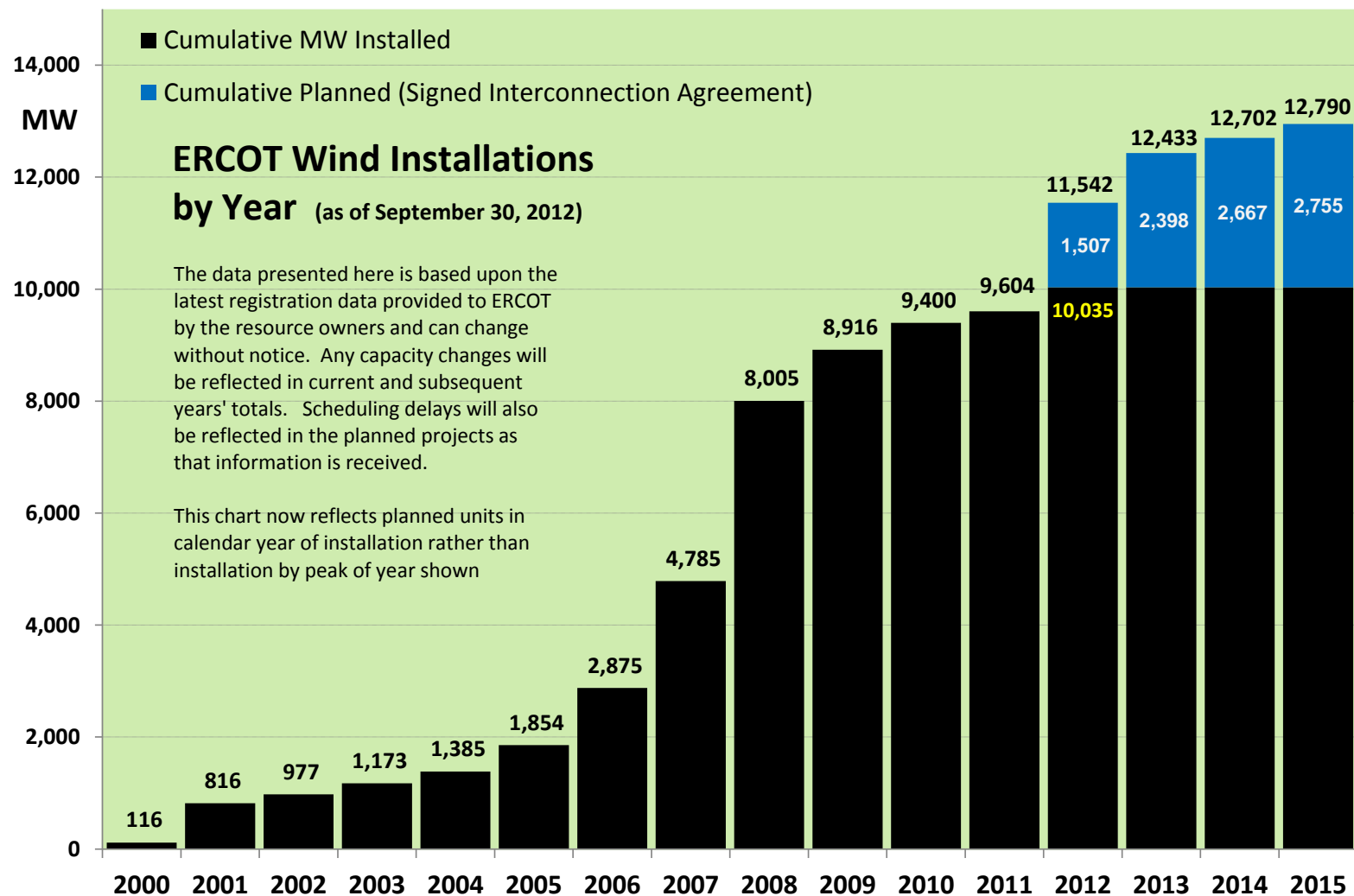
County Location of Planned Generation with Interconnection Requests (all fuels) **September 2012**



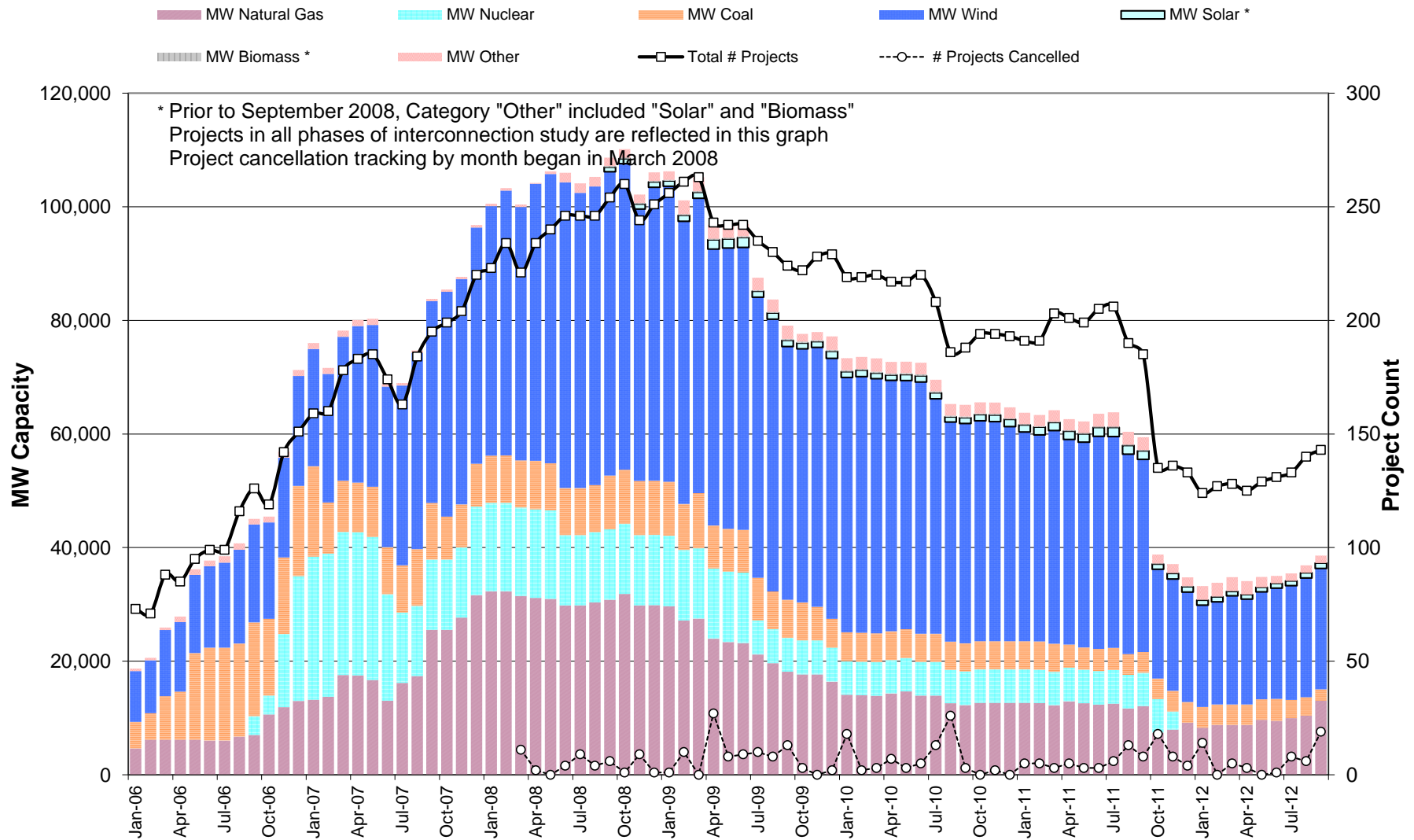
County Location of Planned Generation with Interconnection Requests (Wind) **September 2012**



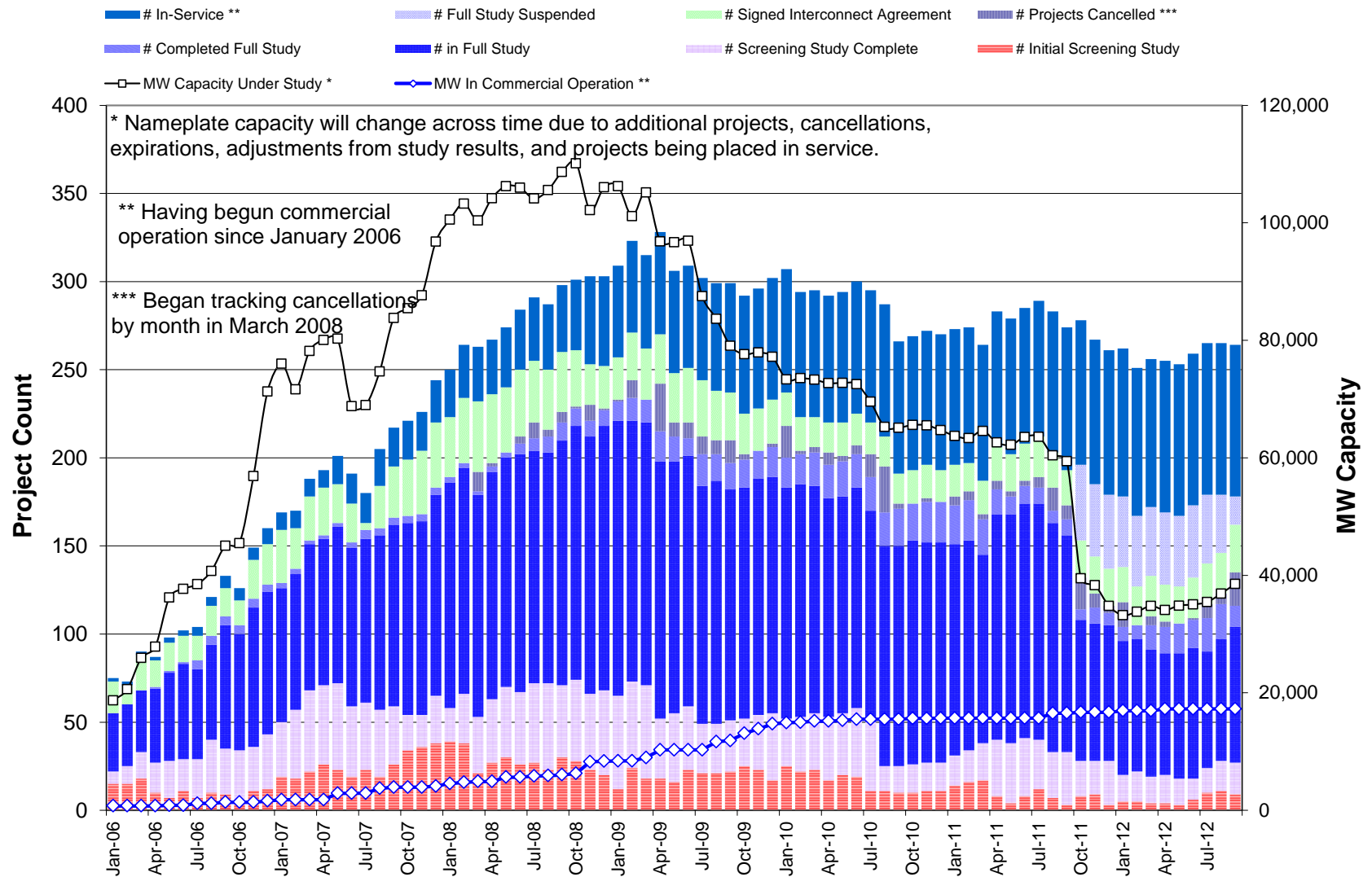
Wind Generation – September 2012



Generation Interconnection Activity by Fuel – September 2012



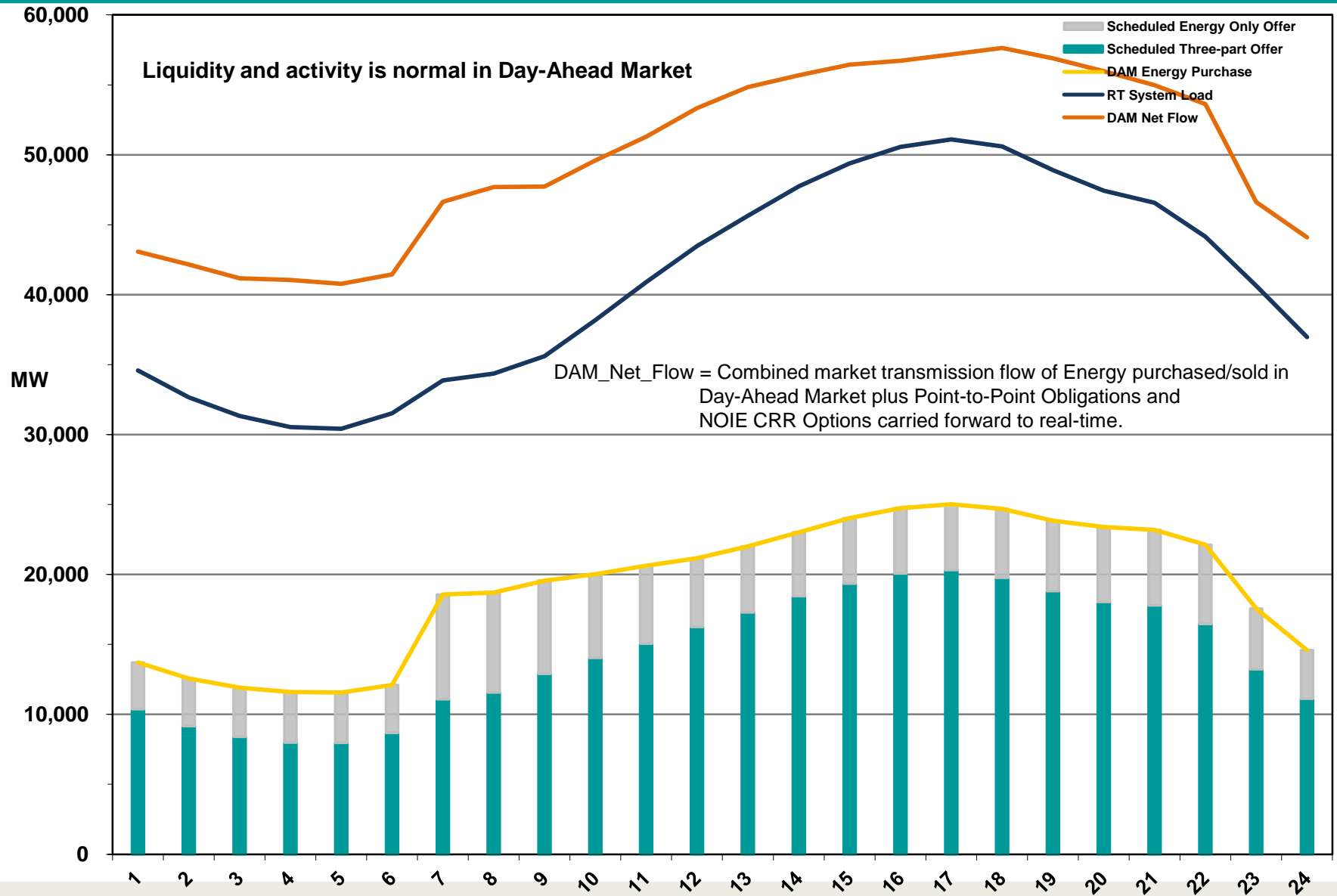
Generation Interconnection Activity by Project Phase – September 2012



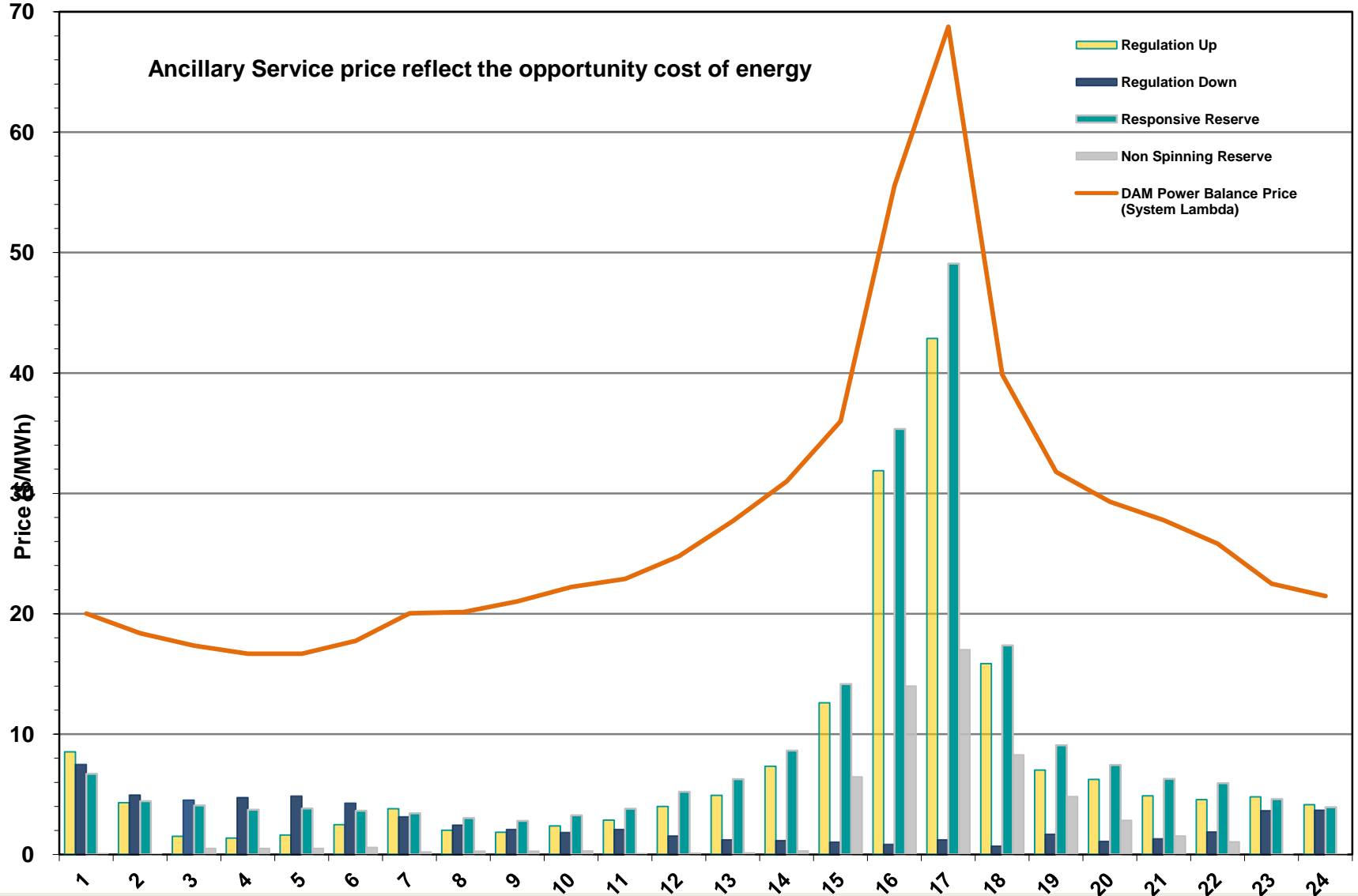


Market Operations

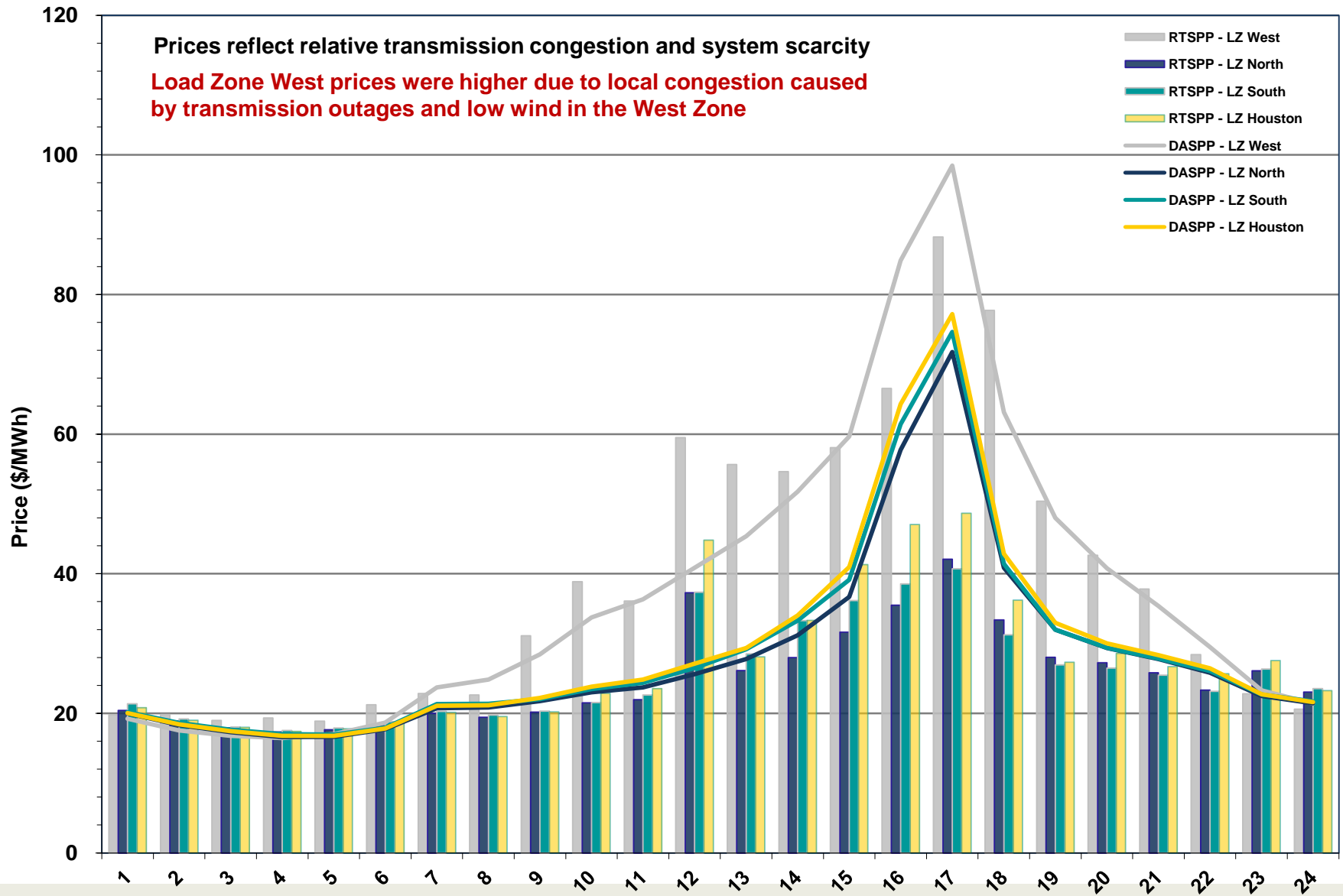
Day-Ahead Schedule – September 2012



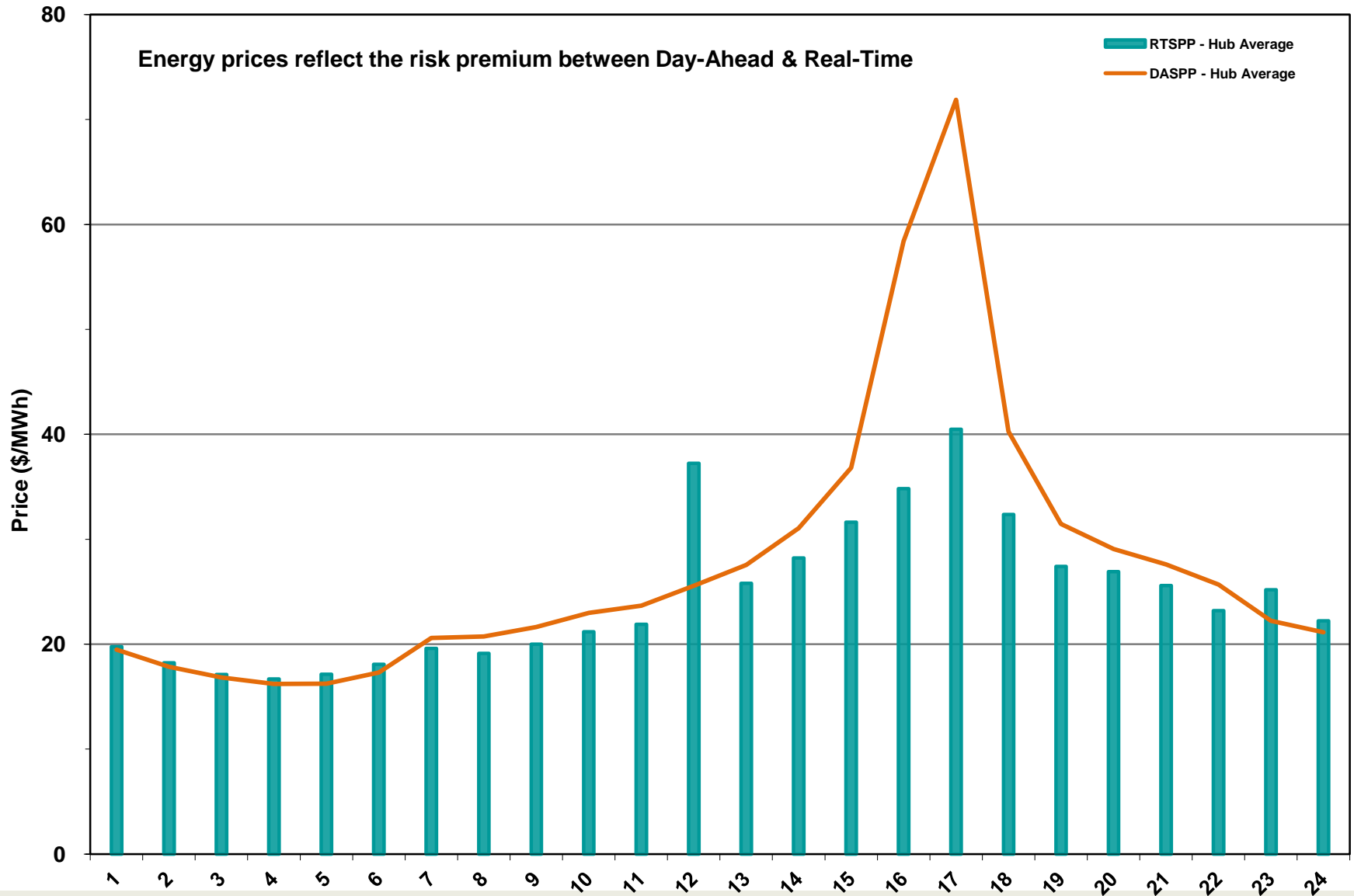
Day-Ahead Electricity And Ancillary Service Hourly Average Prices – September 2012



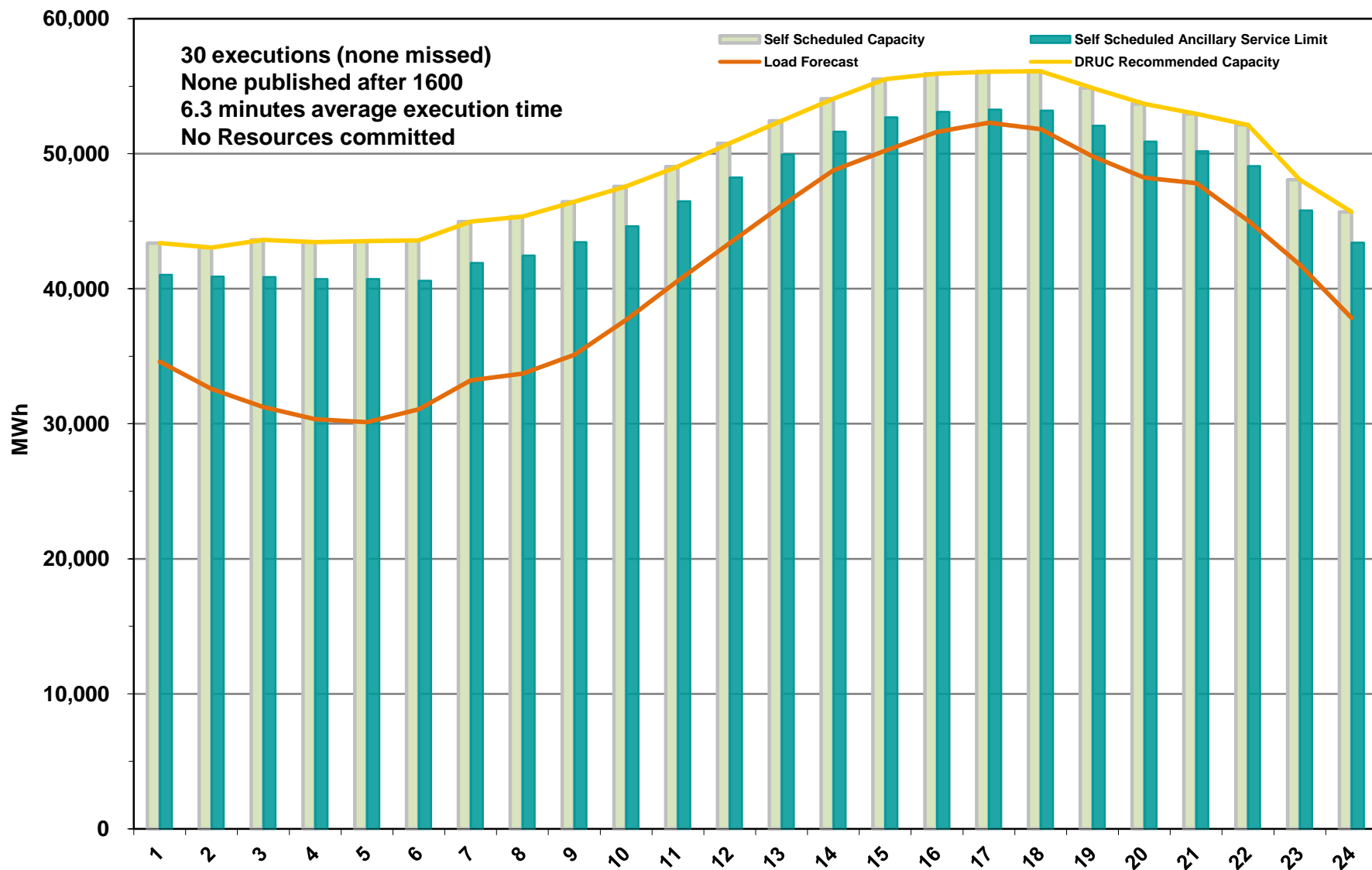
Day-Ahead Vs Real-Time Load Zone SPP (Hourly Average) – September 2012



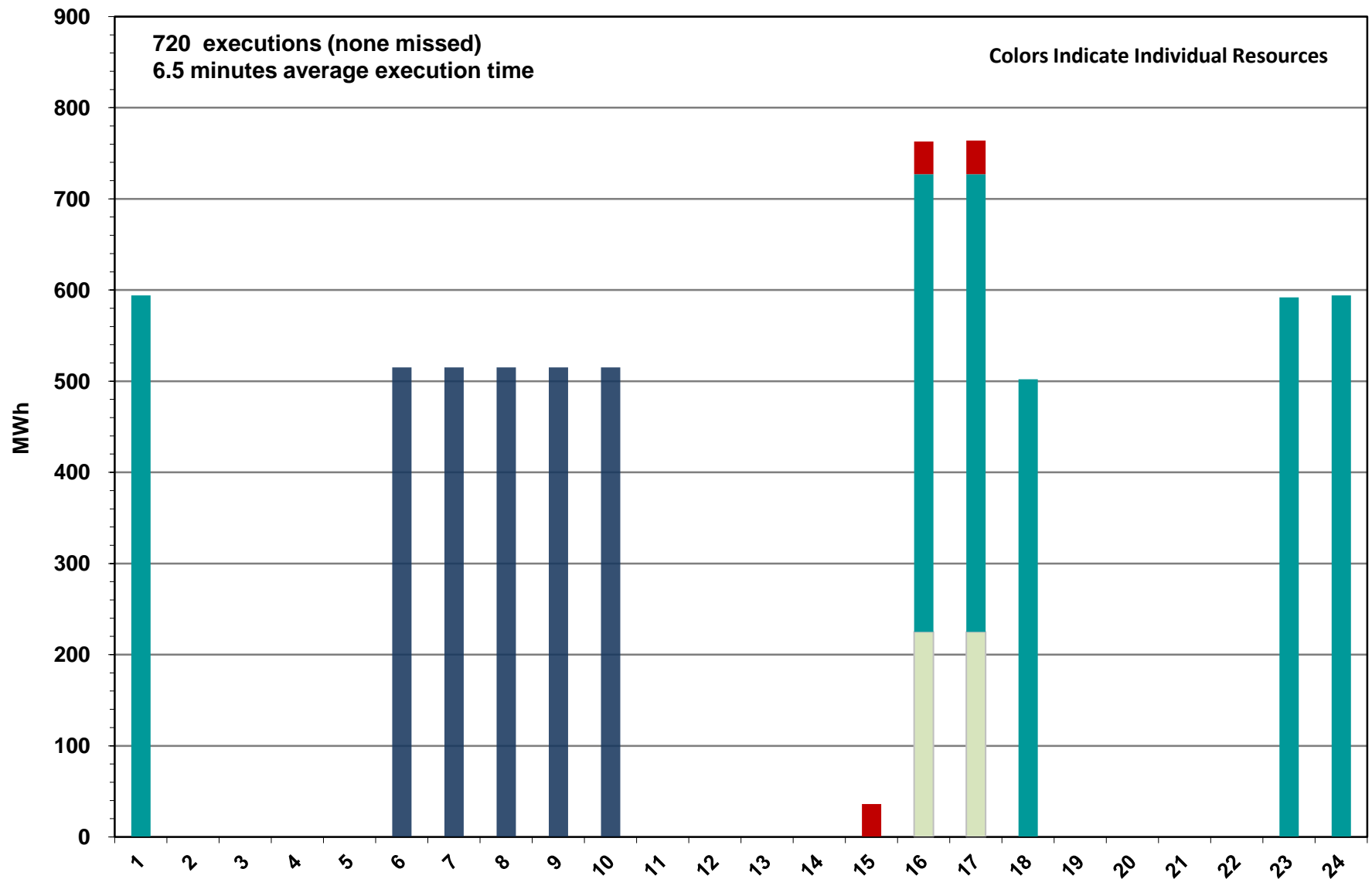
Day-Ahead Vs Real-Time Hub Average SPP (Hourly Average) – September 2012



DRUC Monthly Summary – September 2012



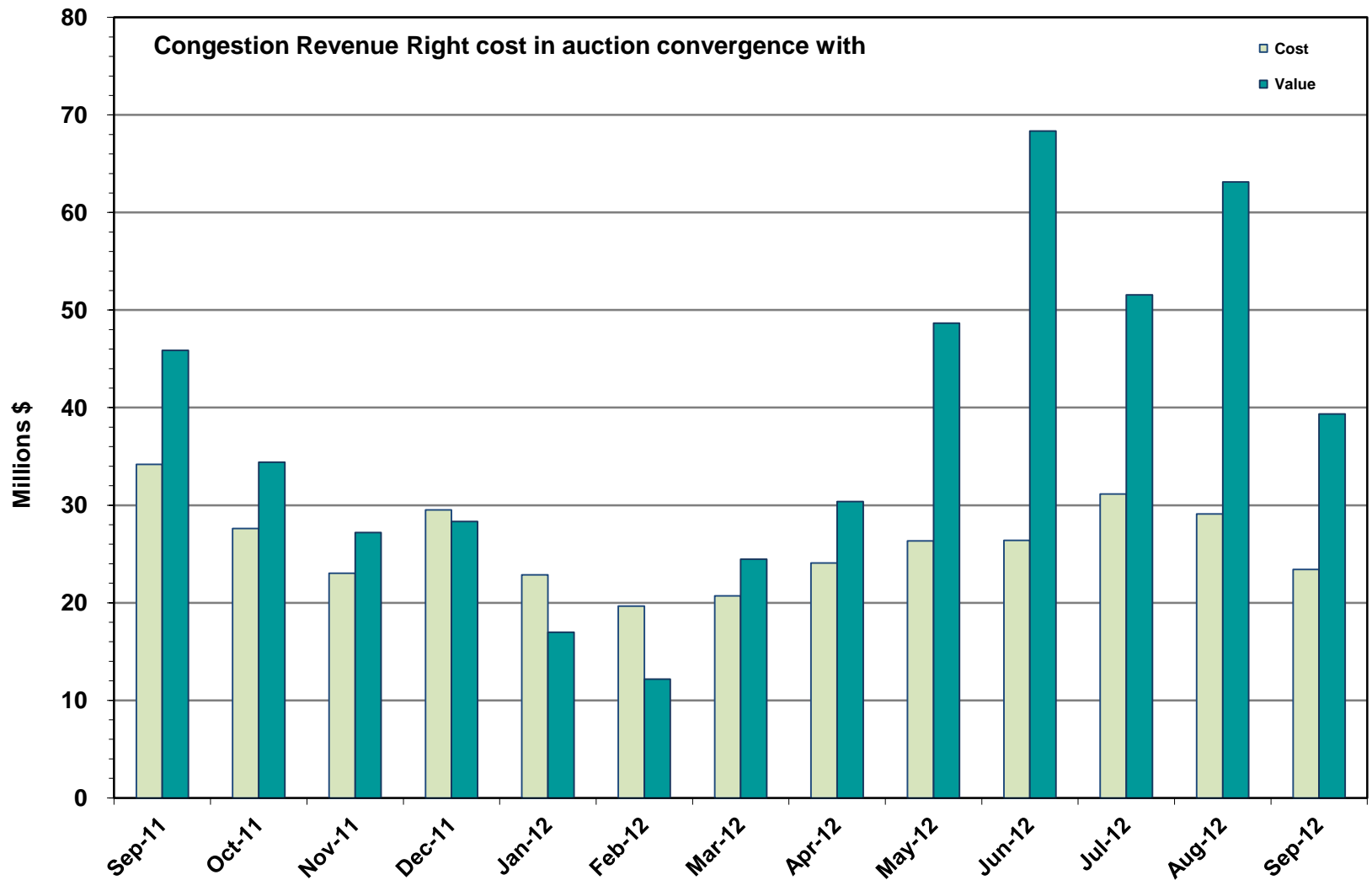
HRUC Monthly Summary – September 2012



Non-Spinning Reserve Service Deployment – September 2012

Deployment Start Time	Deployment End Time	Deployment Duration (Hours)	Max Deployment (MW)	Reason
NONE				

CRR Price Convergence – September 2012



ERS Procurement for **October 2012 – January 2013**

10-Minute ERS

	BH1	BH2	BH3	NBH
MW Procured	450.06	447.56	434.31	402.38
Average Price Per MW per Hour ¹	\$8.22	\$8.77	\$9.06	\$8.15

Note: Four ERS Generators procured with an average of 11.12 MW

30-Minute ERS Pilot

MW Procured	80.28	82.33	82.00	71.15
Clearing Price ²	\$8.10	\$9.20	\$9.50	\$8.20

Note: One Residential Aggregation with 347 sites procured

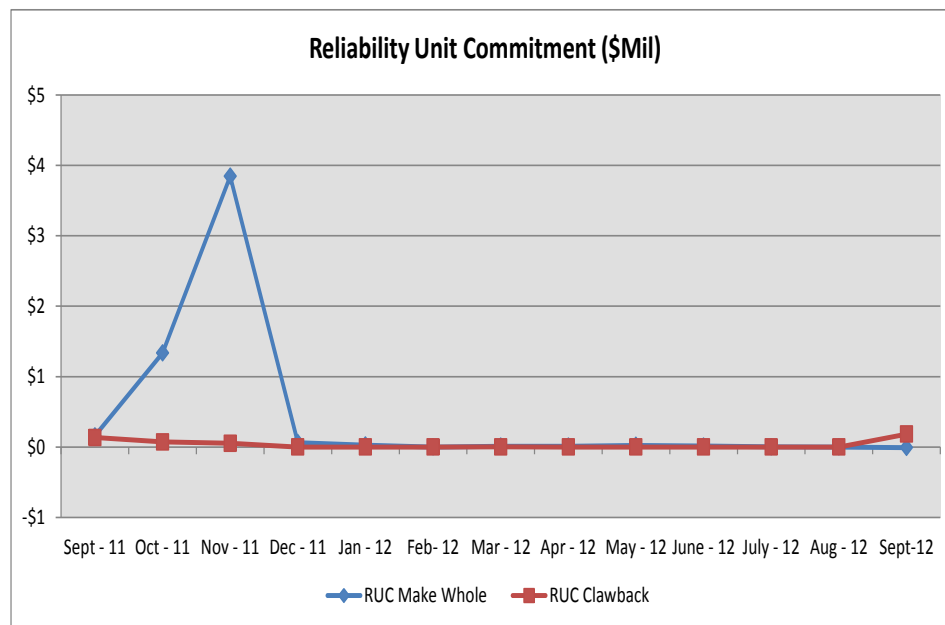
BH1 - Business Hours 1 HE 0900 through 1300, Monday thru Friday except ERCOT Holidays
 BH2 - Business Hours 2 HE 1400 through 1600, Monday thru Friday except ERCOT Holidays
 BH3 - Business Hours 3 HE 1700 through 2000, Monday thru Friday except ERCOT Holidays
 NBH - Non-Business Hours All other hours

¹ Procured on a Pay-As-Offer basis

² Procured using a Clearing Price Mechanism

Reliability Services – September 2012

Reliability Unit Commitment (RUC)	\$ in Millions
RUC Make-Whole Payments	(\$0.01)
RUC Clawback Charges	\$0.18
RUC Commitment Settlement	\$0.18
RUC Capacity Short Charges	\$0.01
RUC Make-Whole Uplift	\$0.00
RUC Commitment Cost Allocation	\$0.00
RUC Decommitment Payments	\$0.00



RUC Cost continues to trend low.

September 2012 cost was \$0.01, compared to:

- No Charge in August 2012
- A charge of \$0.15M in September 2011

Ancillary Services – September 2012

Capacity Services	\$ in Millions
Regulation Up Service	\$2.8
Regulation Down Service	\$0.8
Responsive Reserve Service	\$15.3
Non-Spinning Reserve Service	\$2.6
Black Start Service	\$0.6
Voltage Services - Reactive Power	\$0.0
Voltage Services - Lost Opportunity	\$0.0
Total Capacity Service	\$22.15

Capacity Services costs decreased from last month, and are lower than September 2011.

September 2012 cost was \$22.15M, compared to:

- A charge of \$47.33M in August 2012
- A charge of \$27.35M in September 2011

Energy Settlement – September 2012

Day-Ahead Market Energy Settlement	\$ in Millions
Energy Purchases	\$433.44
Point to Point Obligation Purchases	\$39.46
RMR Day-Ahead Revenue	\$0.00
Energy Sales	(\$424.82)
Day-Ahead Congestion Rent	\$48.07
Day-Ahead Market Make-Whole Payments	(\$0.22)

Day-Ahead Market settlement decreased from last month. Real-Time energy settlement decreased from previous month. Decreases are attributable to lower prices.

Day-Ahead Congestion Rent decreased 42% from its all time high of \$82.88M in August

Real-Time Market Energy Settlement	\$ in Millions
Energy Imbalance at a Resource Node	(\$462.69)
Energy Imbalance at a Load Zone	\$698.66
Energy Imbalance at a Hub	(\$178.44)
Real Time Congestion from Self Schedules	\$0.68
Block Load Transfers and DC Ties	(\$6.22)
Impact to Revenue Neutrality	\$51.98
Emergency Energy Payments	(\$0.03)
Base Point Deviation Charges	\$0.34
Real-Time Metered Generation (MWh in millions)	29.26

Congestion Revenue Rights (CRR) – September 2012

Auction Disbursements	\$ in Millions
Annual Auction	(\$11.55)
Monthly Auction	(\$11.85)
Total Auction Revenue	(\$23.40)
Day-Ahead CRR Settlement	(\$37.51)
Day-Ahead CRR Short-Charges	\$0.28
Day-Ahead CRR Short-Charges Refunded	(\$0.28)
Real-Time CRR Settlement	(\$1.84)
Real-Time CRR Short-Charges	\$0.00
Real-Time CRR Short-Charges Refunded	(\$0.00)
Total CRR Proceeds	(\$39.35)
Day-Ahead Point to Point Obligations Settlement	\$39.46
Real-Time Point to Point Obligation Settlement	(\$60.43)
Net Point to Point Obligation Settlement	(\$20.98)

Congestion Revenue Rights were fully funded.

CRR settlement peaked from September 4 through September 7

Excess funds available for distribution to load. Distribution of balancing account funds to load for September 2012 was \$10.92M, compared to:

- \$24.11M in August 2012
- \$2.74M in September 2011

High excess funds primarily due to separation in West Hub to West Load zone prices.

Revenue Neutrality – September 2012

Revenue Neutrality Settlement

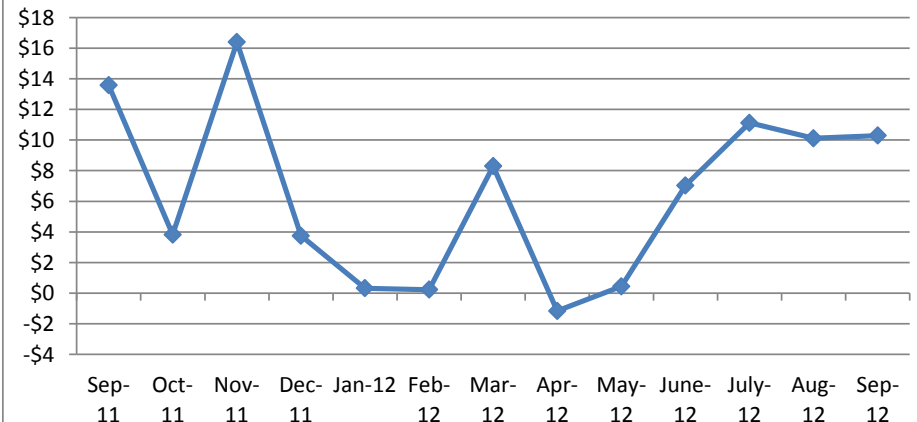
	\$ in Millions
Real-Time Point to Point Obligation Settlement	(\$60.43)
Real-Time Point to Point Options and Options with Refund Settlement	(\$1.84)
Real-Time Energy Imbalance Settlement	\$57.53
Real-Time Congestion from Self-Schedules Settlement	\$0.68
DC Tie & Block Load Transfer Settlement	(\$6.22)
Charge to Load	\$10.29

Revenue Neutrality charges to load were relatively flat compared to August 2012.

September 2012 was a charge of \$10.29M, compared to:

- \$10.11M charge in August 2012
- \$13.59M charge in September 2011

Revenue Neutrality Uplift (\$Mil)



Net Uplift to Load – September 2012

Market-Based Uplifts

\$ in Millions

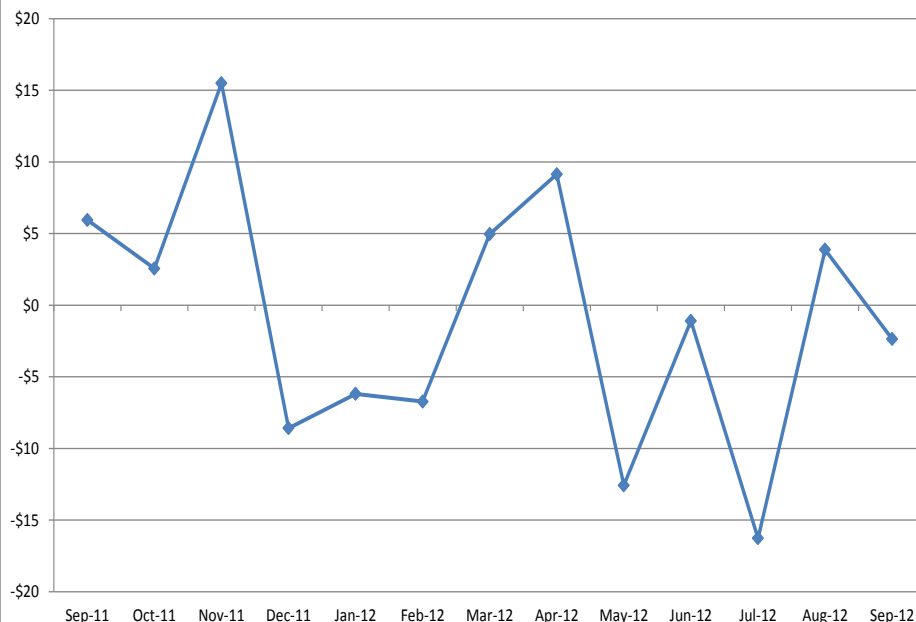
CRR Auction Revenue Disbursement Settlement	(\$23.40)
Balancing Account Proceeds Settlement	(\$10.92)
Net Reliability Unit Commitment Settlement	(\$0.18)
Ancillary Services Settlement	\$22.15
Reliability Must Run Services Settlement	\$0.0
Reliability Must Run for Capacity	\$0.0
Real-Time Revenue Neutrality Settlement	\$10.29
Emergency Energy Settlement	\$0.03
Base Point Deviation Settlement	(\$0.34)
Total	(\$2.36)
Fee Uplifts	
ERCOT Administrative Fee Settlement	\$12.32
Net Uplift Charge to Load	9.96

Net uplift to Load increased over last month, but is down significantly from September of 2011.

September 2012 was a charge of \$9.96M, compared to:

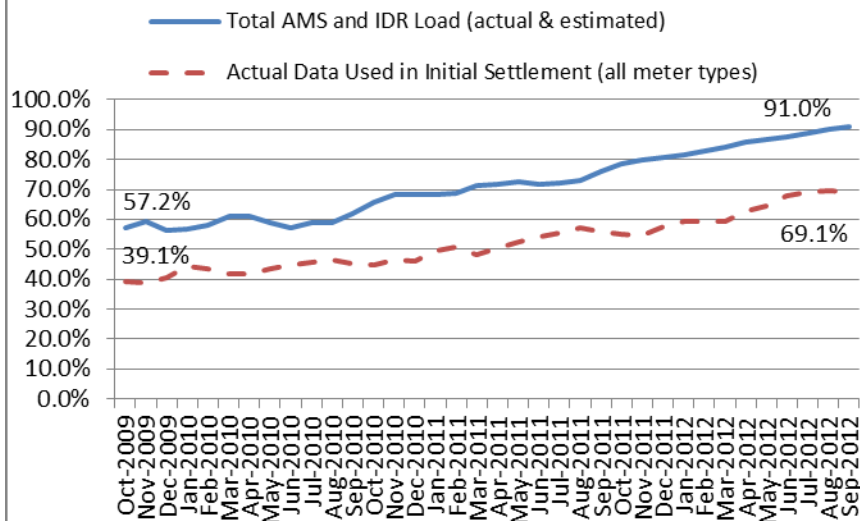
- A charge of \$18.56M in August 2012
- A charge of \$18.44M in September 2011

Market Based Fees Net Impact to Load



Advanced Meter Settlement Impacts – September 2012

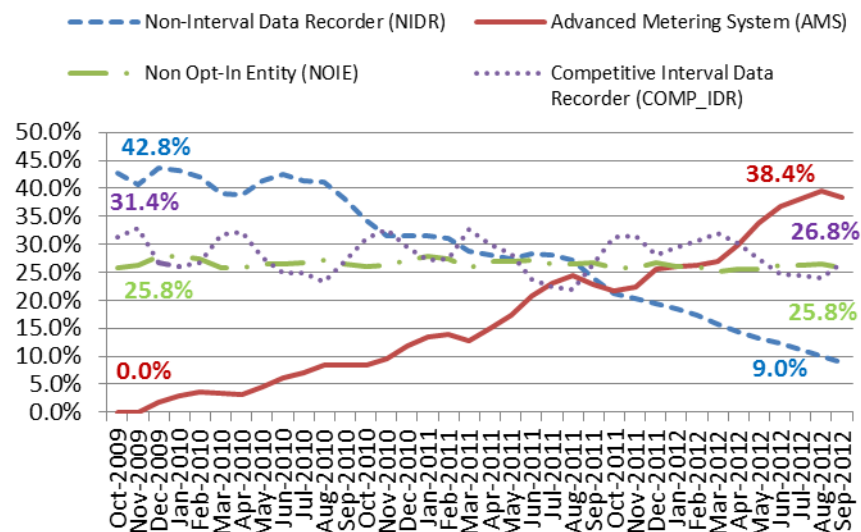
Percent Actual/Percent Interval Data Recorder (IDR)



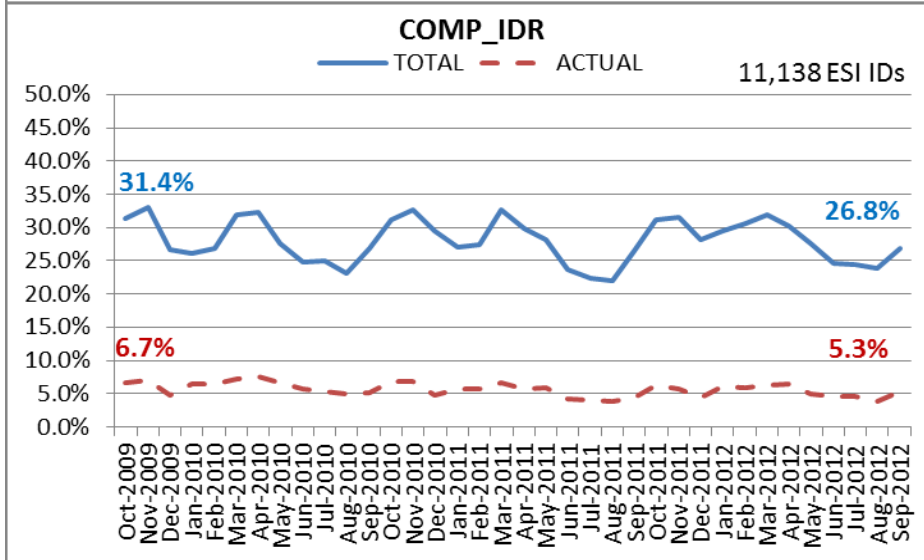
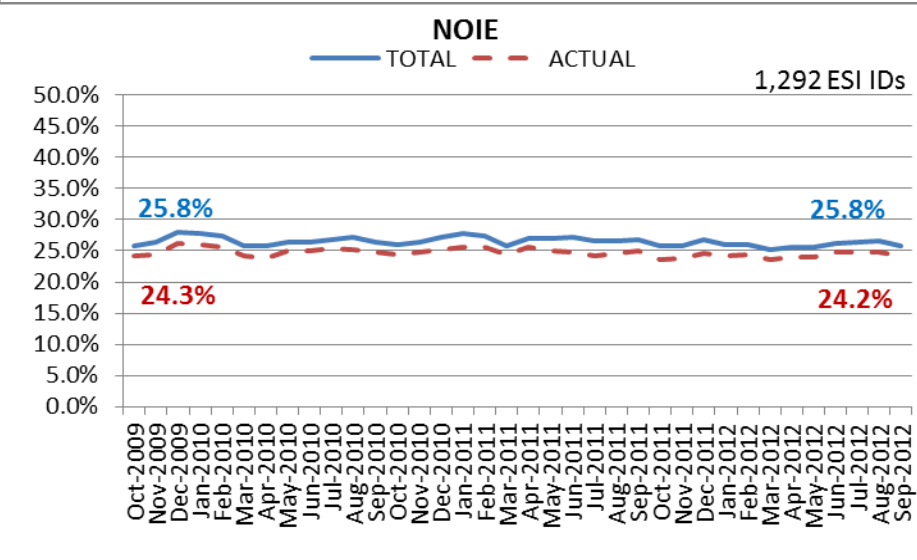
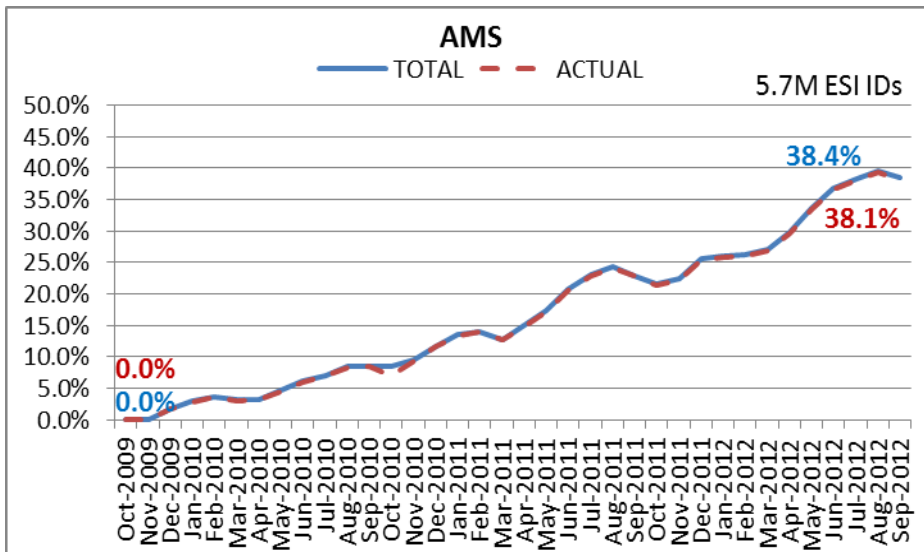
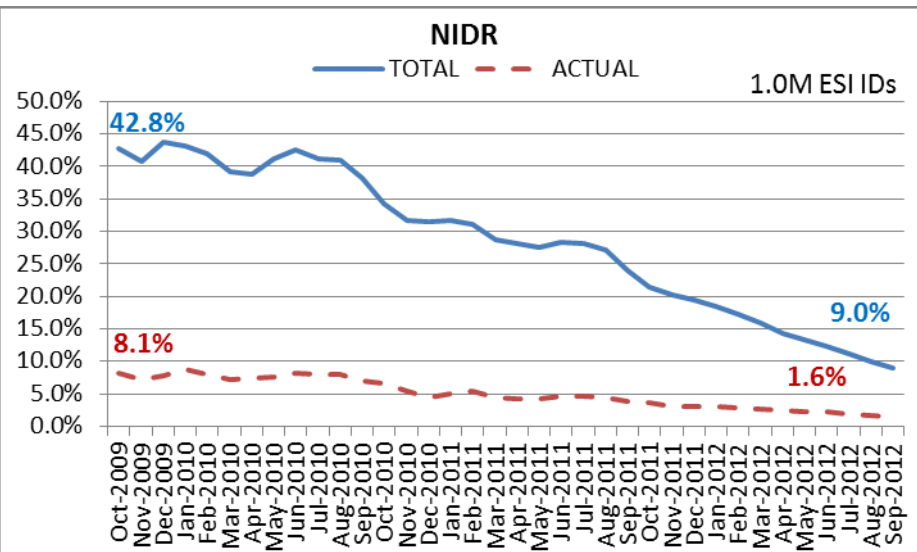
September 2012: 91.0% of the load in ERCOT is settled with 15-min interval data (AMS, Competitive IDR, and NOIE IDR).

September 2012: At month end, settling 5.7M ESIIDs using Advanced Meter data.

Percent of Load by Meter Type



ERCOT Wide Load Volumes by Meter Type – INITIAL Settlement – September 2012

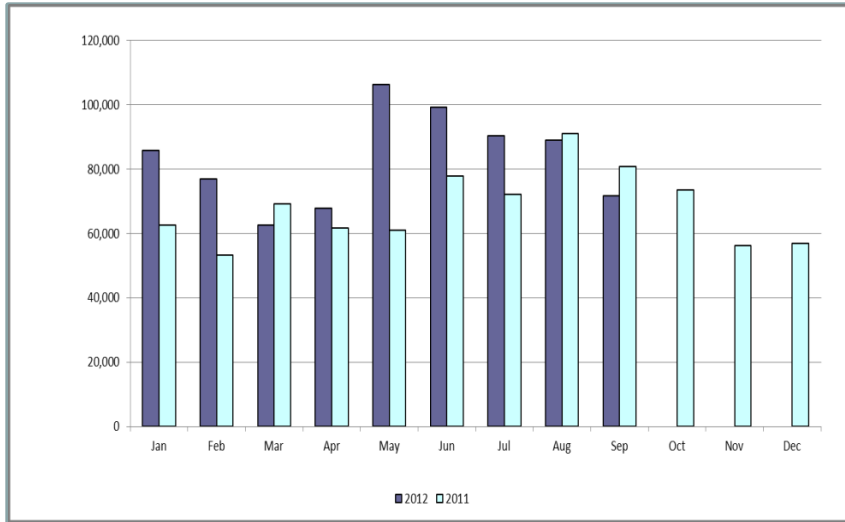


Retail Transaction Volumes – Summary – September 2012

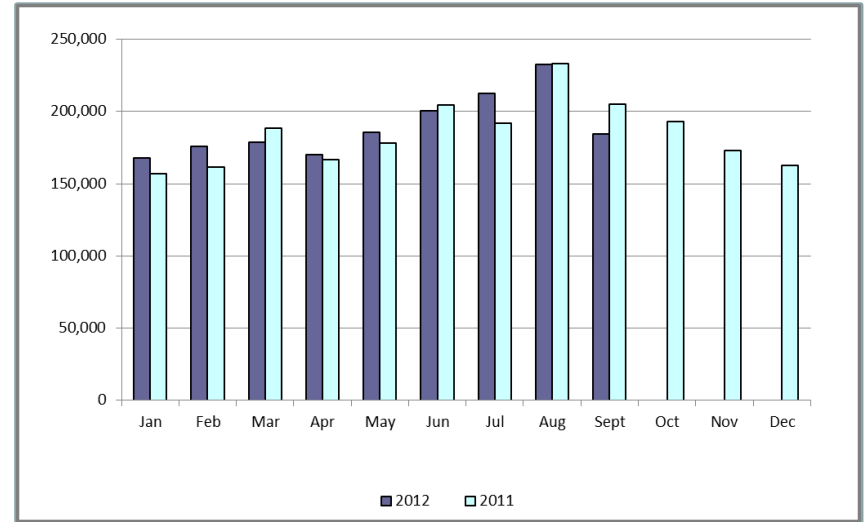
Transaction Type	Year-To-Date		Transactions Completed	
	Sept 2012	Sept 2011	Sept 2012	Sept 2011
Switches	749,596	629,220	71,789	80,716
Move - Ins	1,707,310	1,686,009	184,288	204,865
Move - Outs	842,922	854,954	91,992	102,222
Continuous Service Agreements (CSA)	555,364	281,729	51,337	32,391
Mass Transitions	5,518	22,056	0	0
Total	3,860,710	3,473,968	399,406	420,194
Total since June 1, 2001	48,785,554			

Retail Transaction Volumes – Summary – September 2012

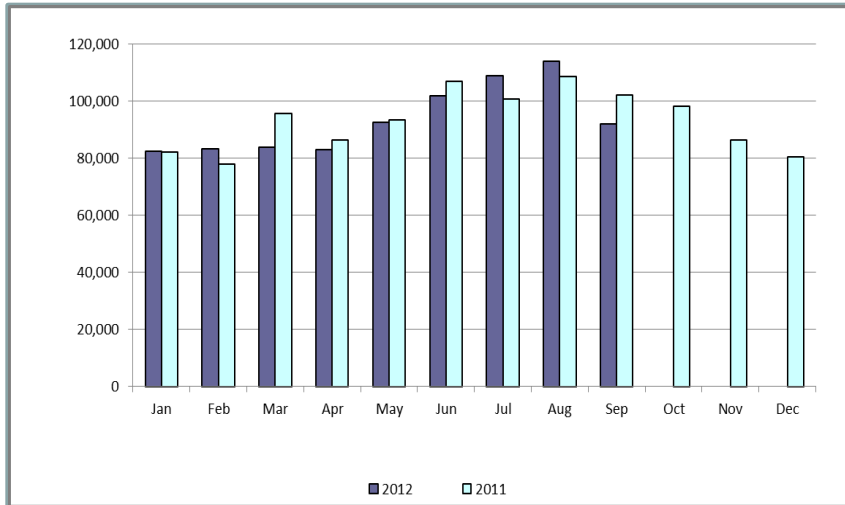
Switches



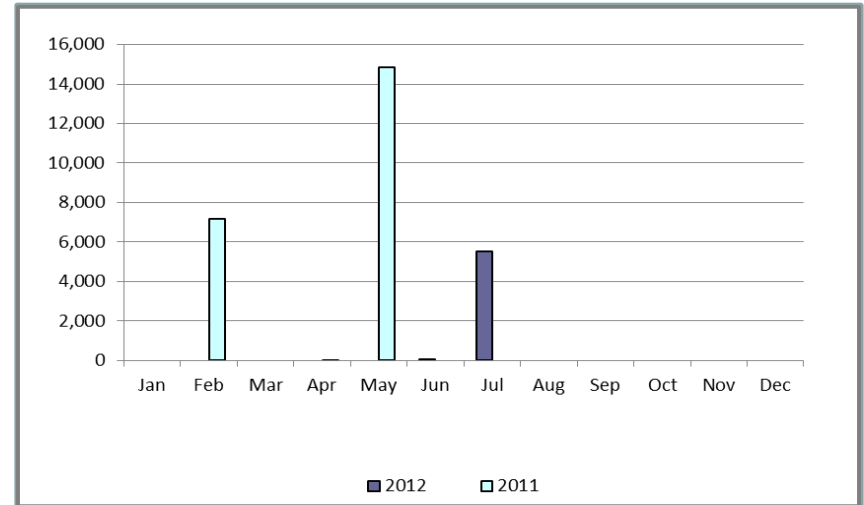
Move-Ins



Move-Outs

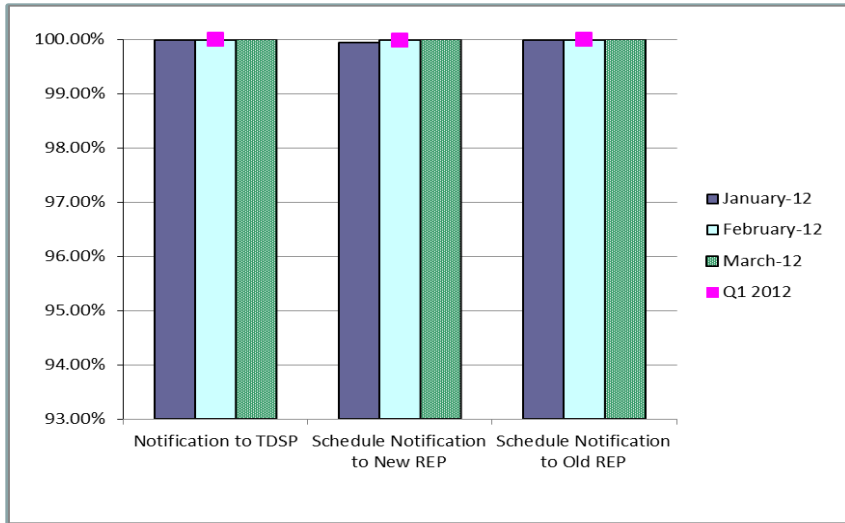


Mass Transition

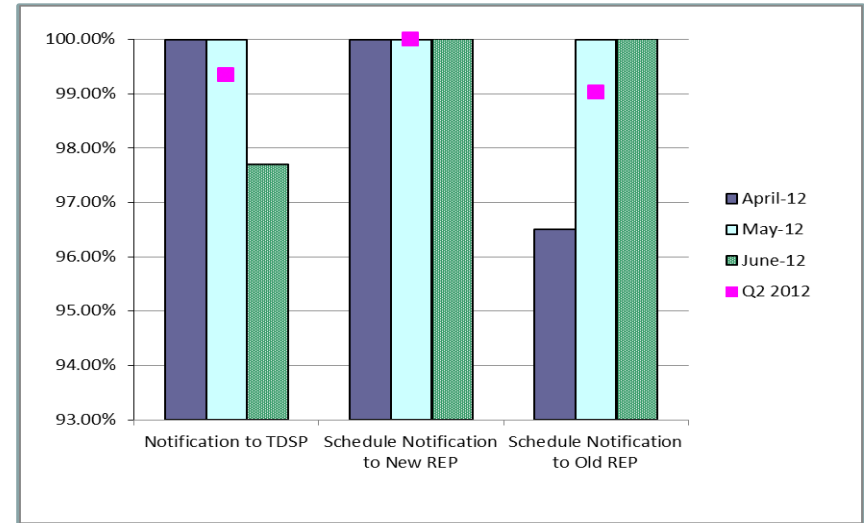


Retail Performance Measures – Switch – September 2012

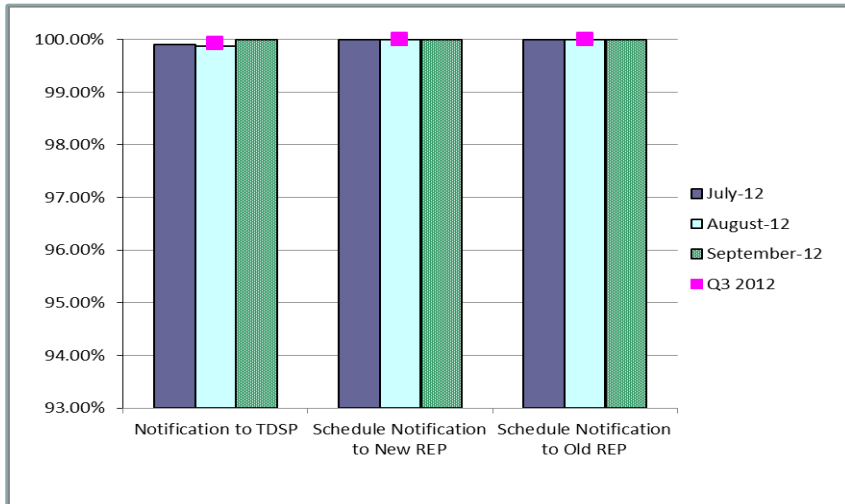
1st Quarter



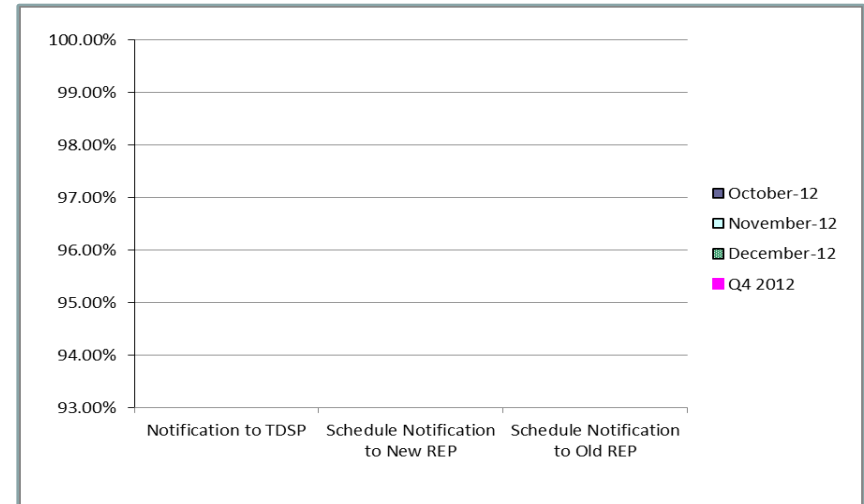
2nd Quarter



3rd Quarter

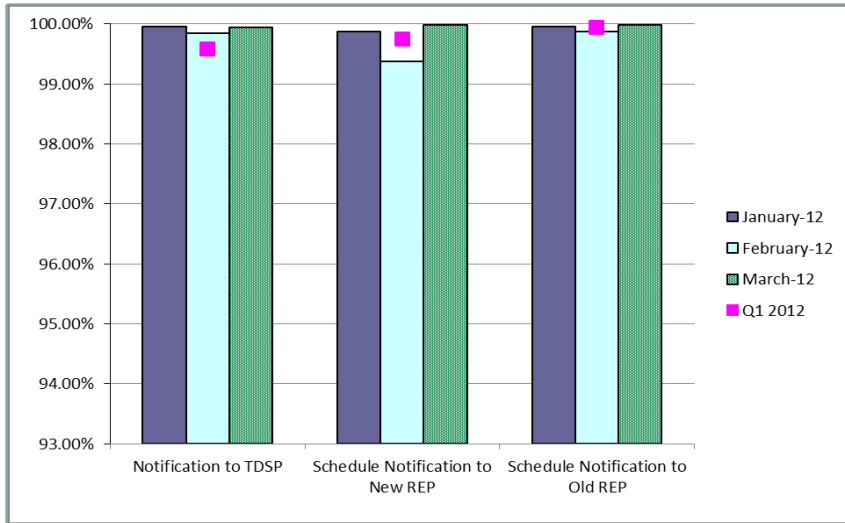


4th Quarter

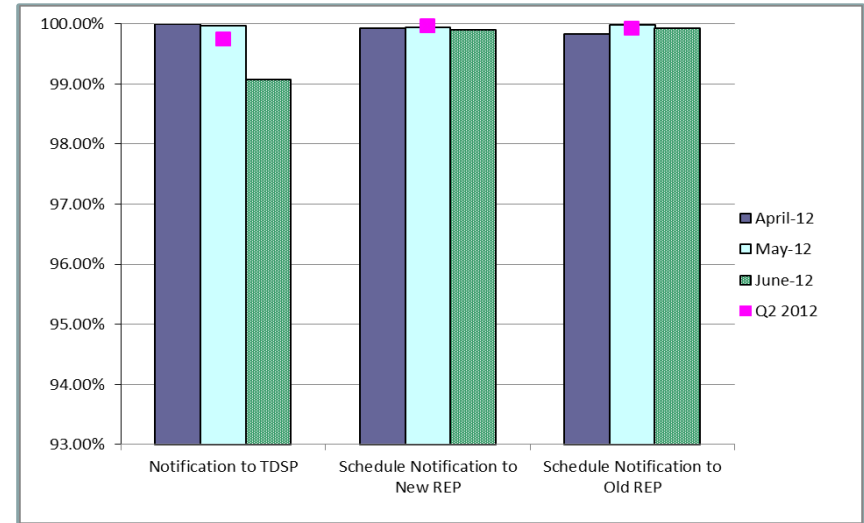


Retail Performance Measures (Priority Move-In) – September 2012

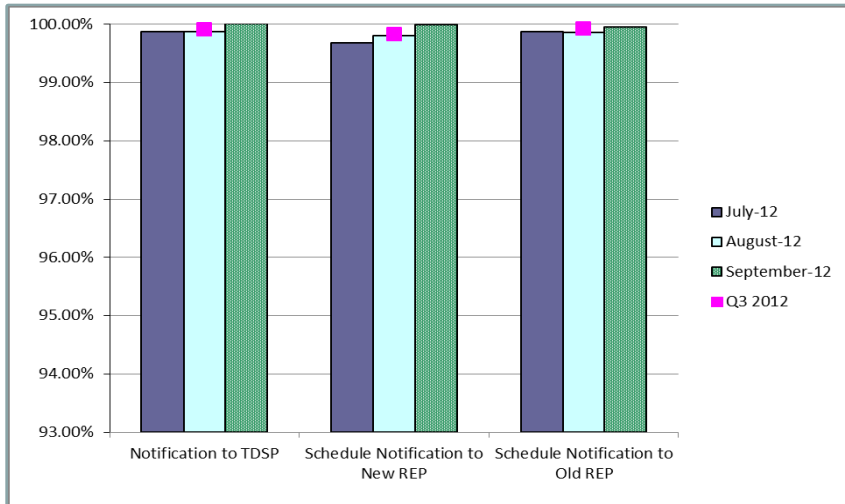
1st Quarter



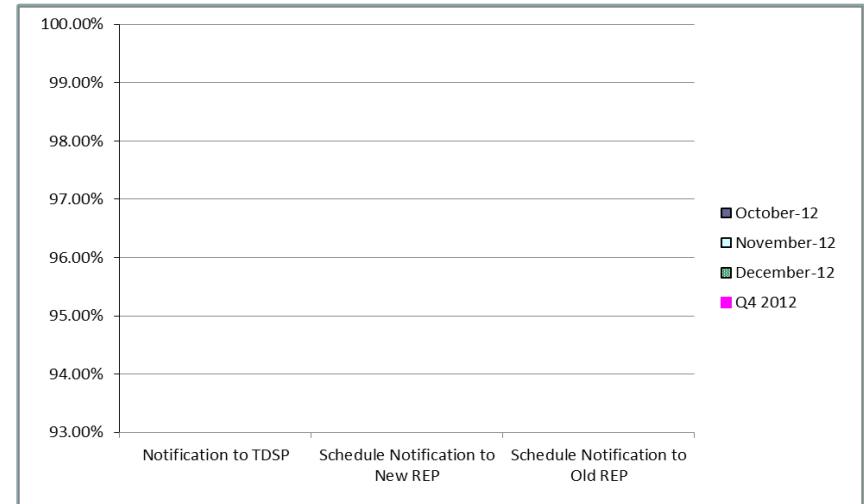
2nd Quarter



3rd Quarter

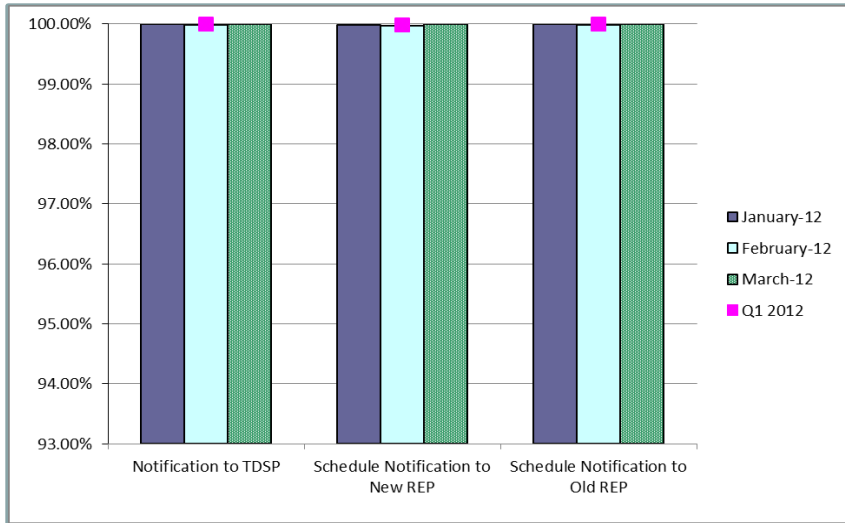


4th Quarter

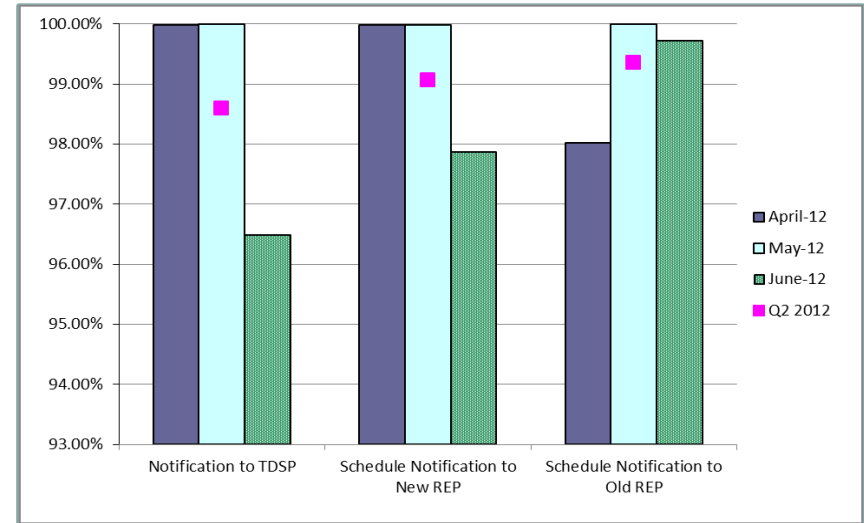


Retail Performance Measures (Standard Move-In) – September 2012

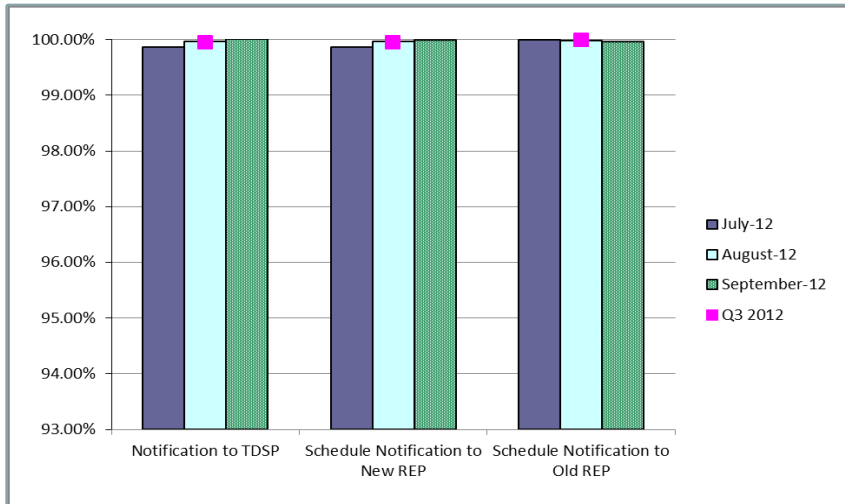
1st Quarter



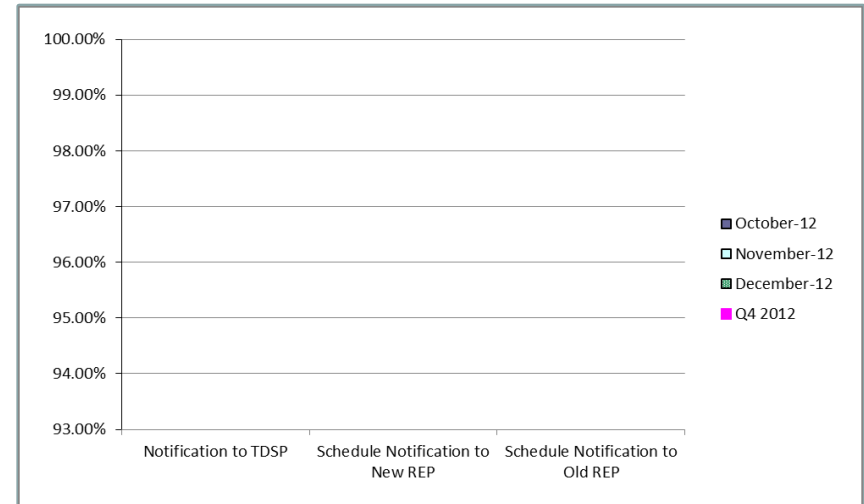
2nd Quarter



3rd Quarter



4th Quarter





Projects Report

ERCOT Portfolio Spotlight Report (as of 10/12/2012)

Project Number	Project Name	Phase	Baseline Phase Start	Baseline Phase Finish	Scheduled Phase Finish	Schedule Status	Sum of 2012 Budgets	2012 Forecast Spend	2012 Variance	Sum of Total Budgets	Total Forecast Spend	Total Variance
PROJECTS IN FLIGHT (Count = 44) Sorted by Phase / Project Num							\$ 14,133,207	\$ 11,686,487	17%	\$ 27,511,487	\$ 26,433,598	3%
065-01	NMMS Upgrade	Initiation							5%			0%
067-01	Physical Security Upgrade	Initiation							85%			0%
010-02	MarkeTrak Upgrade	Planning	9/26/2012	11/27/2012	11/21/2012	9%			1%			0%
047-01	CMS and MIR Replacement	Planning	5/31/2012	12/19/2012	12/26/2012	-3%			21%			-1%
052-01	EMS Upgrade	Planning	7/25/2012	1/31/2013	1/29/2013	1%			26%			0%
055-01	Siebel Upgrade 8.x	Planning	8/15/2012	1/11/2013	1/8/2013	2%			9%			0%
057-01	EPS Metering DB Redesign	On Hold	7/5/2012	9/19/2012		10			58%			58%
066-01	Planning Site Transition to MIS	Planning	10/10/2012	1/9/2013	1/9/2013	0%			0%			0%
NPPR463	CRR Auction Structure Enhancements	Planning	9/13/2012	12/12/2012	12/12/2012	0%			29%			0%
006-01	SAGE (System Administrator Gateway Environment)	Execution	5/31/2012	12/5/2012	12/11/2012	-3%			6%			1%
009-01	Compliance Software Tool	Execution	12/1/2011	11/30/2012	12/13/2012	-3%			0%			8%
014-01	Implementation of NPPR347 and NPPR400	Execution	3/29/2012	11/23/2012	11/23/2012	0%			8	-7%		1%
016-01	ADP-IDM Interface	On Hold	5/23/2012	11/7/2012		10			3%			1%
017-01	Oracle 11g Upgrade	Execution	10/10/2012	8/21/2013	8/21/2013	0%			16%			0%
019-01	ERCOT Website Enhancements - 2012	Execution	3/8/2012	12/26/2012	12/19/2012	2%			8	-6%	8	-6%
020-01	CIM Upgrade for NMMS	Execution	6/14/2012	1/9/2013	1/9/2013	0%			20%			20%
021-01	Incremental Update Capability - Phase 1	Execution	3/23/2012	1/2/2013	1/2/2013	0%			52%			15%
029-01	Capital Efficiencies and Enhancements	Execution	1/1/2012	12/31/2012	12/31/2012	0%			1%			1%
030-01	ITRON Load Forecast	Execution	6/27/2012	11/21/2012	12/31/2012	8	-27%		45%			45%
038-01	Macomber Map NERC SA/Compliance Enhancements	Execution	9/19/2012	2/28/2013	12/24/2012	40%			3%			3%
042-01	CRR Upgrade to v12.3	Execution	5/16/2012	2/18/2013	2/18/2013	0%			25%			-2%
043-01	Met Center Lease Reconfiguration	Execution	9/12/2012	12/19/2012	12/19/2012	0%			0%			0%
045-01	UC4 (AppVox) Automation Upgrade v8	Execution	6/27/2012	11/9/2012	11/2/2012	5%			29%			29%
046-01	MAI Conversion to IGRID	Execution	8/2/2012	12/31/2012	12/28/2012	1%			3%			3%
048-01	TSAT Wind Model	Execution	8/16/2012	5/31/2013	5/27/2013	1%			8%			0%
049-01	Contingency Functionality Enhmts.	Execution	7/12/2012	11/28/2012	11/28/2012	0%			19%			0%
10052_01	Settlement System Upgrade	Execution	1/25/2012	12/30/2014	12/30/2014	0%			35%			4%
2012 PC	Program Control Project	Execution	1/1/2012	12/31/2012	12/31/2012	0%			29%			29%
90006_02	Information Lifecycle Mgmt - Mkt Systems, Archive, Reporting	Execution	4/22/2011	12/4/2013	12/9/2013	0%			54%			9%
99912	Minor Cap - Critical - 2012	Execution	1/1/2012	12/31/2012	12/31/2012	0%			0%			0%
NPPR260	Providing Access to MIS Secure Area to MIS Registered Users	Execution	10/3/2012	1/9/2013	1/9/2013	0%			-2%			0%
NPPR313	Updating the Term Resource Plan to Current Operating Plan / Availability Plan	Execution	8/22/2012	12/21/2012	12/26/2012	-4%			15%			15%
NPPR322	Real-Time PTP Option Modeling	Execution	8/1/2012	12/15/2012	12/15/2012	0%			8	-27%	8	-27%
NPPR348	Generation Resource Start-Up and Shut-Down Process	Execution	3/29/2012	9/26/2012	9/26/2012	0%			31%			31%
NPPR357	Revisions to Collateral Requirements Concerning CRR Auctions	Execution	4/19/2012	10/17/2012	10/17/2012	0%			0%			0%
NPPR365	Change in Resource Outage Approvals from Eight to 45 Days	Execution	6/1/2012	11/21/2012	11/21/2012	0%			4%			4%
NPPR377	Alternate Inputs to Base Point Deviation Charge	Execution	9/26/2012	12/28/2012	12/28/2012	0%			0%			0%
NPPR397	Balance of the Day Ancillary Service Market Credit Monitoring Posting Requirements - NMMS/CRR	Execution	9/19/2012	12/21/2012	12/21/2012	0%			11%			12%
NPPR407	Public DAM Shift Factors	Execution	7/2/2012	8/29/2012	8/29/2012	0%			0%			0%
NPPR422	Energy Offer Curve Requirement for Generation Resources Providing Reliability Must-Run Service	Execution	7/2/2012	8/29/2012	8/29/2012	0%			53%			53%
NPPR469	Modifications to CCTs	Execution	9/19/2012	12/21/2012	12/21/2012	0%			0%			0%
SCR760	Recommended Changes Needed for Information Model Mgr and Topology Processor for Planning Models	Execution	8/25/2011	7/31/2013	7/31/2013	0%			5%			4%
SCR768	Automatic Non-Spin Redeployment and Deployment Based on Resource Availability	Execution	9/19/2012	12/21/2012	12/21/2012	0%	\$41,969	\$42,842	-2%			0%

ERCOT Portfolio Spotlight Report (as of 10/12/2012)

Project Number	Project Name	Phase	Baseline Phase Start	Baseline Phase Finish	Scheduled Phase Finish	Schedule Status	Sum of 2012 Budgets	2012 Forecast Spend	2012 Variance	Sum of Total Budgets	Total Forecast Spend	Total Variance
PROJECTS NOT YET STARTED (Count = 18)			Sorted by	Forecast Start Date			\$ 1,058,000	\$ 60,000		\$ 3,389,370	\$ 2,889,370	
NPRR327	State Estimator Data Redaction Methodology	Not Started	Oct 2012						0%			0%
TBD	Operator Data Display	Not Started	Dec 2012						0%			0%
TBD	MP Online Data Entry - Ph 1	Not Started	Dec 2012						0%			0%
NOGRR084	Daily Grid Operations Summary Report	Not Started	Dec 2012						0%			0%
NPRR272	Definition and Participation of Quick Start Generation Resources	Not Started	Dec 2012						0%			0%
NPRR416	Removal of the RUC Clawback Charge for Resources Other than RMR Units	Not Started	Dec 2012						0%			0%
NPRR419	Revise Real Time Energy Imbalance and RMR Adjustment Charge	Not Started	Dec 2012						0%			0%
NPRR425	Creation of a WGR Group for GREDP and Base Point Deviation Evaluation	Not Started	Dec 2012									0%
NPRR439	Updating a Counter-Party's Available Credit Limit for Current Day DAM	Not Started	Dec 2012						0%			0%
SCR771	ERCOT System Change Allowing Independent Master QSE to Represent Split Generation Resources	Not Started	Dec 2012						0%			0%
NOGRR093	Synchronization with NPRR365	Not Started	Jan 2013									0%
NPRR207	Unit Deselection	Not Started	Jan 2013									0%
NPRR457	Daily Update of New ESI IDs and AMS Meter and Switch Hold Indicators Changes	Not Started	Jan 2013									0%
TBD	Endpoint Security Phase 2	Not Started	Jan 2013									0%
TBD	MP Communications Tool	Not Started	Jan 2013									0%
TBD	Secure File Transfer	Not Started	Jan 2013									0%
TBD	Data Center Growth & Asset Replacement - 2012	Not Started	TBD						100%			100%
TBD	Vulnerability Management	Not Started	TBD						100%			0%

ERCOT Portfolio Stoplight Report (as of 10/12/2012)

Project Number	Project Name	Phase	Baseline Phase Start	Baseline Phase Finish	Scheduled Phase Finish	Schedule Status	Sum of 2012 Budgets	2012 Forecast Spend	2012 Variance	Sum of Total Budgets	Total Forecast Spend	Total Variance
PROJECTS COMPLETED IN 2012 (Count = 30) Sorted by Project			Dates below are final Execution phase dates				\$ 3,828,362	\$ 4,582,928	-19%	\$ 51,406,063	\$ 49,852,857	3%
037-01	SMTNET Improvements	Closing	6/20/2012	9/29/2012	9/28/2012	0%			2%			2%
NPRR351	SCED Look-Ahead Step 1: Pricing	Closing	1/25/2012	7/31/2012	7/30/2012	0%			28%			41%
11000_01	Data Center Buildout	Complete	1/3/2011	1/31/2012	1/30/2012	0%			-115%			1%
001_47	RARF Upgrade for Wind, Solar, and Storage Resources	Complete	9/7/2011	4/30/2012	6/29/2012	-25%			7%			-48%
004_01	Secure Remote Access Management (SRAM)	Complete	12/5/2011	3/7/2012	3/7/2012	0%			-167%			8%
005_01	Endpoint Security Phase 1	Complete	12/15/2011	4/25/2012	5/8/2012	-9%			-28%			12%
007_01	Taylor Facility Remodel	Complete	9/14/2011	1/15/2012	1/25/2012	-8%			-999%			6%
010-01	MarkeTrak Enhancements for 4.0	Complete	10/26/2011	7/27/2012	7/6/2012	7%			-4%			1%
011-01	ERCOT Mobile	Complete	3/29/2012	8/8/2012	8/8/2012	0%			9%			0%
013_01	MMS 2012 Release 1: NPRR321/NPRR326/NPRR355	Complete	12/14/2011	2/23/2012	2/23/2012	0%			4%			5%
015_01	Outage Capacity Calculation Tool	Complete	1/4/2012	4/30/2012	4/30/2012	0%			-1%			0%
023_01	Quality Training Database	Complete	2/22/2012	5/30/2012	5/31/2012	-1%			10%			10%
025_43	EDW Platform Transition	Complete	2/15/2012	4/30/2012	4/30/2012	0%			22%			7%
025_52	HP Openview Upgrade	Complete	11/1/2011	12/29/2011	4/1/2012	-162%			-9%			0%
040-01	Lawson Upgrade to 9.0.1	Complete	4/18/2012	8/22/2012	8/22/2012	0%			-33%			-33%
11002_01	Texas SET 4.0	Complete	7/6/2011	7/13/2012	7/13/2012	0%			-36%			6%
NPRR314	Requirement to Post Generation Resources Temporal Constraints	Complete	3/5/2012	4/29/2012	4/27/2012	3%			27%			27%
NPRR354	Revisions to Non-Spin Performance Criteria Language and Provision for ICCP Telemetry of Non-Spin Deployment	Complete	3/29/2012	8/4/2012	8/16/2012	-9%			37%			37%
NPRR359	Monthly TDSP Load Report	Complete	3/1/2012	5/2/2012	5/4/2012	-3%			5%			5%
NPRR360	Summary Report of HDL and LDL	Complete	4/18/2012	7/11/2012	7/11/2012	0%			21%			21%
NPRR361	Real-Time Wind Power Production Data Transparency	Complete	1/11/2012	5/3/2012	5/2/2012	0%			-122%			-122%
NPRR379	EILS Dispatch Sequence and Performance Criteria Upgrades	Complete	4/16/2012	6/26/2012	6/29/2012	-4%			9%			9%
NPRR382	Verbal RUC Committed or Decommitted Resources Report	Complete	5/30/2012	9/19/2012	9/11/2012	7%			25%			25%
NPRR383	Unconfirmed Trades Reports	Complete	6/20/2012	9/14/2012	9/14/2012	0%			22%			22%
NPRR395	CRR Auction Offer Award Disclosure	Complete	2/29/2012	4/25/2012	4/27/2012	-3%			6%			6%
NPRR434	Increase the Capacity Limitation of a Generation Resource Providing RRS	Complete	3/7/2012	6/1/2012	5/2/2012	34%			63%			63%
NPRR437	Allow Aggregation of Multiple Generators Into A Single Resource For Mkt & Eng Modeling	Complete	3/29/2012	7/4/2012	7/4/2012	0%			13%			13%
SCR761	Provide Price Replication Notifications via API and Provide Price Corrections via XML	Complete	10/5/2011	3/2/2012	2/28/2012	2%			-362%			-26%
SCR764	Public Access to Select MIS Dashboards	Complete	7/24/2011	12/9/2011	2/28/2012	-58%			-7%			-1%
026_01	Support for New Resource Types in ERCOT Systems	Canceled	1/4/2012	8/1/2012	6/11/2012	24%			27%			27%

SUMMARY

		Sum of 2012 Budgets	2012 Forecast Spend	Sum of Total Budgets	Total Forecast Spend
7%	KPI Budget Measure - Execution/Completed Projects	\$ 14,133,207	\$ 11,686,487	\$ 27,511,487	\$ 26,433,598
6%	KPI Schedule Measure - Execution/Completed Project	\$ 1,058,000	TBD	\$ 3,389,370	TBD
	TOTAL	\$ 3,828,362	\$ 4,582,928	\$ 51,406,063	\$ 49,852,857

2012 Project Funding	\$ 15,000,000
"Not Started" Project Demand	\$ 60,000
	\$ 2,889,370

Stoplight Calculation Definitions

Schedule: Count of Execution and Completed Projects with Variance >= 10%
/ Count of Execution and Completed Projects

Budget: (Total Budget of Execution and Completed Projects
- Total Forecast Spend of Execution and Completed Projects)
/ Total Budget of Execution and Completed Projects

Footnotes

- 1 Change in design approach resulted in more funding and/or time required for delivery
- 2 Current phase took longer than expected, resulting in additional funding and/or time required
- 3 Vendor unable to complete work planned for 2011
- 4 Added scope resulted in more funding and/or time required for delivery
- 5 Labor hours planned for 2011 occurred in 2012
- 6 Purchased items planned for 2011 arrived in 2012
- 7 Contract labor replaced FTE labor (2 instances)
- 8 Current phase requiring more labor than expected, resulting in additional funding and/or time required
- 9 Invalid assumption for 2011 accounting related to treatment of prepaids and hardware installation
- 10 Project temporarily placed on hold