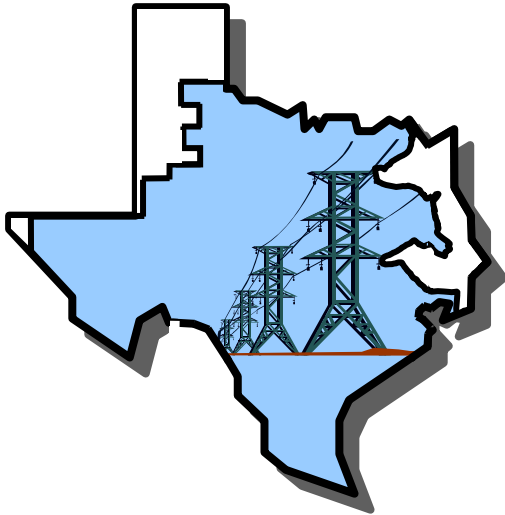




System Planning Division



Monthly Status Report to Reliability and Operations Subcommittee for August 2008

Report Highlights

Item

1.
 - ERCOT is currently tracking 246 active generation interconnection requests totaling over 105,000 MW. This includes almost 52,000 MW of wind generation.
 - 59 MW of new wind generation began commercial operation bringing the currently installed total of wind power capacity to 5,871 MW.
2.
 - Regional Planning is currently reviewing proposed transmission improvements with a total cost of \$501.3 Million
 - Transmission Projects approved in 2008 to date total \$217 Million
 - All projects (in engineering, routing, licensing and construction) totals approximately \$3.8 Billion
 - Transmission Projects energized in 2008 total about \$375 Million
 - Oncor's Renner Dynamic Reactive Project for Board review this month

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1. Generation Interconnection

Additional information regarding detailed generation interconnection and impact studies is contained in the “Generation Project Interconnection Information” folder in the “Operations and System Planning” area on the ERCOT website: <http://planning.ercot.com/login/login>.

1.1. New Generation Beginning Commercial Operations

- Ocotillo Wind Farm (04INR0017) in Howard County for 59 MW
 - The total installed wind capacity is now 5,871 MW.

1.2. Summary of Active Generation Interconnection Requests

GENERATION INTERCONNECTION REQUESTS CURRENTLY BEING PROCESSED					
Currently tracking 243 active generation interconnection or change requests					
As of August 31, 2008					
		North	South	West	Total
Security Screening Study		2	11	10	23
SSS Completed		7	12	30	49
Full Interconnect Study		31	26	74	131
FIS Completed		1	8	0	9
Interconnect Agreement Completed		7	9	18	34
Capacity for Grid, MW		25,019	36,434	44,113	105,566
Wind Capacity, MW		2,261	9,500	40,793	52,554

Fuel	Non-Public (MW)	Public (MW)	Total (MW)
Combined Cycle - Gas	23,407	5,524	28,931
Combustion Turbine - Gas	915	505	1,420
Nuclear	3,200	9,186	12,386
Coal	4,144	4,131	8,275
Wind	43,429	9,125	52,554
Other	1,535	145	1,680
Totals	76,630	28,616	105,246

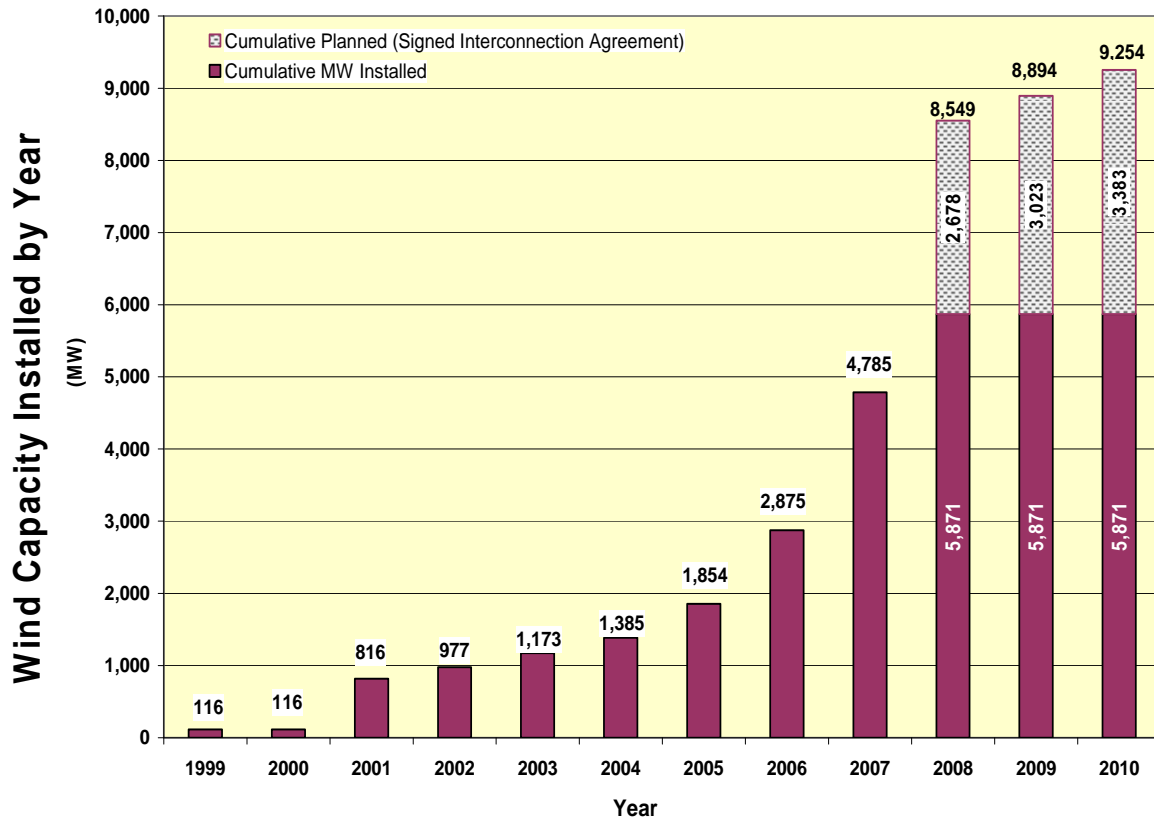
1.3. Potential Future Generation Interconnections

The table below summarizes the publicly known potential future generation projects for the ERCOT region. (IA=Interconnect Agreement, PL=Public Letter, XX= cancelled)

Future Generation Interconnections (Public Projects) as of August 31, 2008

INR	SiteName	Status	County	Region	In-Service Date	Fuel	MW Into Grid	Change from Last Report
04INR0011b	Mesquite Wind Phase 4	IA	Shackelford	West	Aug-08	Wind	136	
04INR0011c	Cottonwood Wind	IA	Shackelford	West	Aug-08	Wind	100	
08INR0055	Capricorn Ridge III	IA	Coke	West	Aug-08	Wind	249	
06INR0012a	Sherbino Mesa Wind Farm 1	IA	Pecos	West	Sep-08	Wind	150	
07INR0034	Wolf Ridge Windfarm	IA	Cooke	North	Oct-08	Wind	113	
07INR0037	Bull Creek Wind Plant	IA	Borden	West	Oct-08	Wind	180	
08INR0050	Victoria Power Station	IA	Victoria	South	Oct-08	GasCC	332	date
07INR0027	South Houston Green Pwr Exp Prj1	IA	Galveston	South	Nov-08	GasCC	244	date
07INR0045a	Airtricity Pyron Wind Farm	IA	Scurry	West	Nov-08	Wind	249	
07INR0045b	Airtricity Inadale	IA	Scurry	West	Nov-08	Wind	197	
08INR0037	Airtricity Panther Creek 2	IA	Howard	West	Nov-08	Wind	115	
04INR0011e	Hackberry Wind Farm	IA	Shackelford	West	Dec-08	Wind	165	
05INR0015a	Gulf Wind 1	IA	Kenedy	South	Dec-08	Wind	283	
06INR0022a	Penascal Wind Farm 1	IA	Kenedy	South	Dec-08	Wind	202	
07INR0005	Notrees-1	IA	Ector	West	Dec-08	Wind	151	
07INR0011	Turkey Track Energy Center	IA	Nolan	West	Dec-08	Wind	170	
07INR0029	South Trent Wind Farm	IA	Taylor	West	Dec-08	Wind	101	
08INR0025	Pistol Hill Energy Center	PL	Ector	West	Dec-08	Wind	300	
08INR0053	Elbow Creek Wind Project	IA	Howard	West	Dec-08	Wind	117	
08INR0059	Gray Wind Project	PL	Borden	West	Dec-08	Wind	141	
09INR0026a	Sterling Energy Center	PL	Sterling	West	Dec-08	Wind	200	
07INR0036	Coyote Run Windfarm	IA	Borden	West	Mar-09	Wind	225	
08INR0046	Bosque Expansion	IA	Bosque	North	Mar-09	GasCC	255	
08INR0065	Buffalo Gap 4 and 5	PL	Nolan	West	Mar-09	Wind	465	
08INR0038	M Bar Wind	PL	Andrews	West	Apr-09	Wind	194	date
09INR0072	Dansby3	PL	Brazos	North	Apr-09	GasCT	48	
08INR0040	Lenorah Project	PL	Martin	West	May-09	Wind	350	
09INR0028	V H Braunig 6	PL	Bexar	South	May-09	GasCT	185	
09INR0060	Wind Tex - Stephens Wind Farm	PL	Borden	West	May-09	Wind	141	
08INR0035	Cedar Bayou 4	IA	Chambers	South	Jun-09	GasCC	544	
09INR0026	Sterling Energy Center	PL	Sterling	West	Jun-09	Wind	300	
09INR0036	McAdoo Energy Center II	PL	Dickens	West	Jun-09	Wind	500	
08INR0003	Sandow 5	IA	Milam	North	Jul-09	Coal	581	
09INR0006a	Oak Grove SES 1	IA	Robertson	North	Jul-09	Coal	855	
09INR0027	Winchester Power Park	IA	Fayette	South	Jul-09	GasCT	178	
05INR0015b	Gulf Wind 2	PL	Kenedy	South	Sep-09	Wind	400	
08INR0033	Lufkin	IA	Angelina	North	Sep-09	Other	45	
08INR0018	Gunsight Mountain	IA	Howard	West	Oct-09	Wind	120	date
09INR0015	Comanche Peak 1&2 Upgrade	PL	Somervell	North	Oct-09	Nuclear	86	
09INR0038	Barney Davis 2 Repowering	IA	Nueces	South	Nov-09	GasCC	360	
09INR0039	Nueces Bay 7 Repowering	IA	Nueces	South	Nov-09	GasCC	327	
09INR0045	Sand Hill Peakers	PL	Travis	South	Nov-09	GasCT	94	
09INR0034	Gatesville Wind Farm	PL	Coryell	North	Dec-09	Wind	200	
06INR0029	Jackson Mountain	IA	Nolan	West	Jan-10	Wind	90	

09INR0006b	Oak Grove SES 2	IA	Robertson	North	Jan-10	Coal	855
09INR0037	Scurry County Wind III	PL	Scurry	West	Mar-10	Wind	350
06INR0006	Cobisa-Greenville	PL	Hunt	North	May-10	GasCC	1,750
09INR0002	J K Spruce 2	IA	Bexar	South	Jun-10	Coal	750
05INR0015c	Gulf Wind 3	PL	Kenedy	South	Sep-10	Wind	400
06INR0012b	Sherbino Mesa Wind Farm 2	IA	Pecos	West	Oct-10	Wind	150
06INR0026	Wild Horse Mountain	IA	Howard	West	Dec-10	Wind	120
12INR0003	Throckmorton Wind Farm	PL	Throckmorton	West	Dec-10	Wind	400
10INR0020	Panda Temple Power	PL	Bell	North	May-11	GasCC	1,092
10INR0010	Jack County 2	PL	Jack	North	Jun-11	GasCC	620
09INR0007	Nacogdoches Project	PL	Nacogdoches	North	Apr-12	Other	100
07INR0004	Pampa Energy Center	PL	Gray	West	May-12	Coal	165
09INR0001	Sandy Creek 1	IA	McLennan	North	Jun-12	Coal	925
09INR0024	B&B Panhandle Wind	PL	Carson	West	Jun-12	Wind	1,001
12INR0004	Fort Concho Wind Farm	PL	Tom Green	West	Jul-12	Wind	400
11INR0011	Victoria City Nuclear	PL	Victoria	South	Jan-15	Nuclear	3,200
15INR0002	Comanche Peak 3 and 4	PL	Somervel	North	Jan-15	Nuclear	3,200
15INR0008	STP 3 and 4	PL	Matagorda	South	Jan-15	Nuclear	2,700
Total							28,616



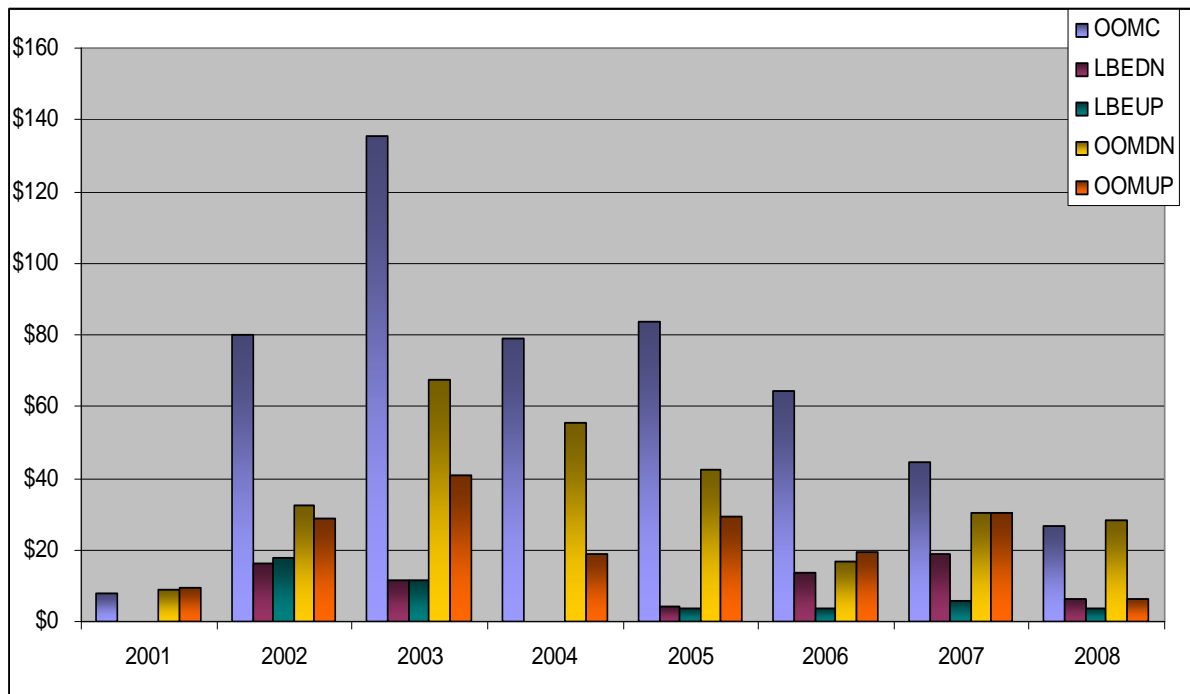
(as of August 31, 2008)

2. Regional Planning Group Project Reviews

- Oncor submitted a project to add a 300 Mvar dynamic reactive device at Renner station (tentative) by summer 2010. This cost of this project will be \$35 M. TAC voted in support of this project on August 7th, 2008 and it was endorsed by the ERCOT Board of Directors on August 19th, 2008.
- American Electric Power Service Corporation submitted a project to construct 2 new 138 kV substations, rebuild a 138 kV circuit, build 2 new 138 kV circuits, and install a new 138/69 kV autotransformer in the Abilene/San Angelo area. The estimated cost of this project is \$105.9 M. This project is in ERCOT Independent Review.
- Luminant Energy submitted the Twin Butte – Kendall 345 kV double circuit line with series compensation. It is a \$327 million project comprised of 170 miles of 345 kV double circuits with both circuits in place, substation and breaker additions at Twin Butte and Kendall, and a 50% series compensation in each circuit. This project is currently in ERCOT Independent Review.
- Luminant submitted a set of projects to reduce North to South Congestion. It consists of several 138 kV line upgrades and series reactor installations. The total cost for all projects is approximately \$31 M. This project is currently in ERCOT Independent Review.
- Oncor submitted a project to add a 345 kV transmission line from Nacogdoches Southeast to Lufkin Switch with an estimated cost of \$29.2 M . This project was a result of the 2007 Five-Year Plan. This project is will be presented to TAC on September 4, 2008 and to the ERCOT Board of Directors on September 16, 2008.
- CPS Energy submitted a project to add a 138 kV line from Westover Hills to their Anderson substation to complete a new circuit from VLSI substation to Anderson substation. The VLSI to Westover Hills 138 kV portion will be in-service in 2009 to serve new load at Westover Hills. This project was a result of the 2007 Five-Year Plan. The estimated cost of this project is \$8.2 M with an in-service date of peak 2010.
- Transmission Projects energized in Q2 of 2008 include:
 - Temple Pecan Creek - Lake Creek 138 kV line
 - Fairdale Load 69 kv to 138 kV voltage conversion
 - Walnut - Fairdale 69 kV line
 - Manvel
 - Hidalgo - S. McAllen 69 kV upgrade including transformers & equipment
 - Nolanville - Harker Heights 138 kV line
 - Putnam, replace 69/138 kV transformer
 - Waterport - Loma Alta 138 kV Circuit
 - Key Substation equipment upgrade
 - Exxon-Bertron Reconfiguration and Baytown - Rohmas substation
 - Bunker – Hood rebuild
 - Olney Auto
 - Capote Substation conversion to 138 kV
 - Exxon Sharon Ridge Substation upgrade
 - Pancake – Gatesville rebuild

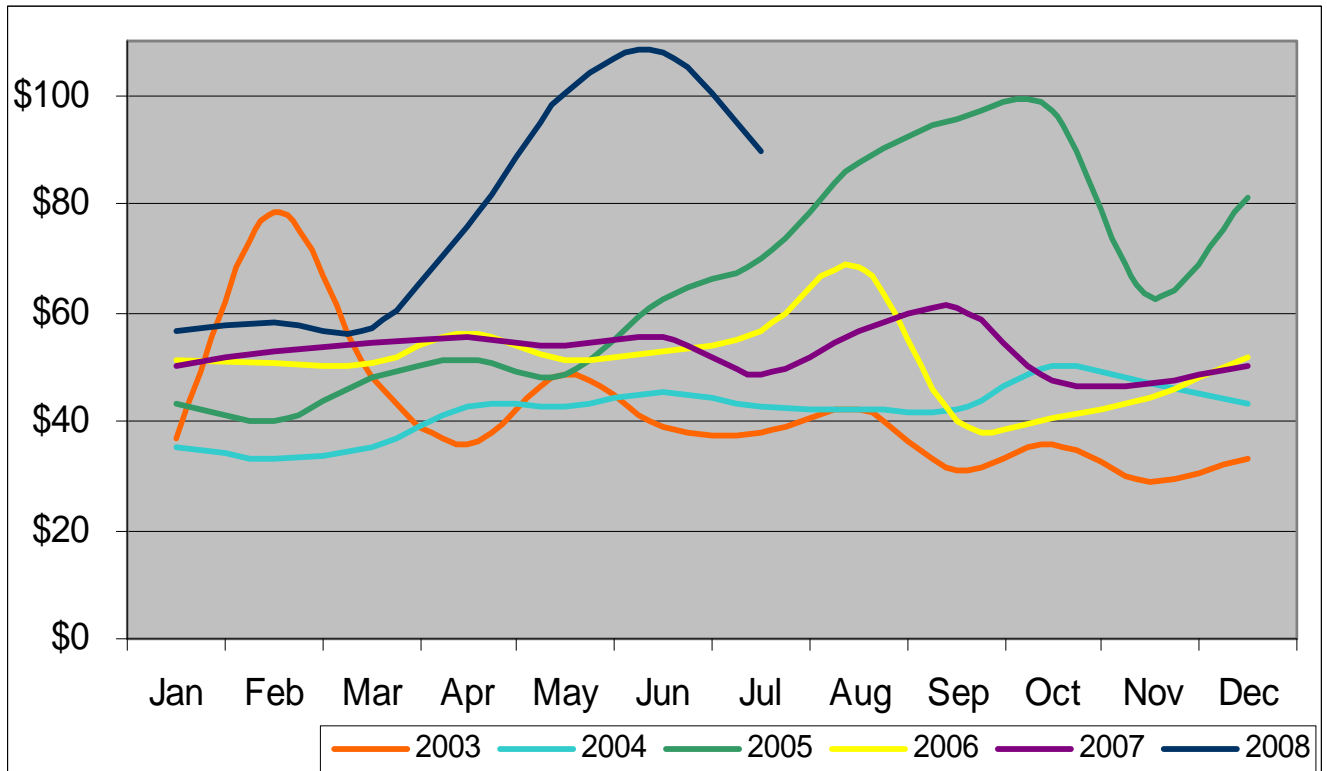
3. Congestion Report

Local congestion costs appear to be declining since 2003 and are below what they were for the same January through July time period in 2007. However, June and July, 2008 have shown an increase in OOM Down costs.



<i>Million\$</i>	OOMC	LBEDN	LBEUP	OOM Down	OOM Up	Total
<i>2007 total</i>	44.35	18.80	5.65	30.31	30.27	129.38
<i>2007 thru July</i>	29.33	11.75	4.10	15.20	23.40	83.78
<i>2008 thru July</i>	26.45	6.33	3.64	28.41	6.53	71.36

MCPE for 2003-2008:



4. Other Notable Activities

All postings referred to below can be found at <http://planning.ercot.com/login/login> unless otherwise indicated.

- ERCOT TPIT report for 08/01/2008 completed (3rd quarter) and posted on 08/18/2008.
- ERCOT Regional Planning is continuing work on the 2013 case to be used for reliability analysis and RPG analysis. The purpose of this effort is to extend the 2007 Five-Year plan from 2012 to 2013. The initial unserved energy and resulting reliability project set has been sent to the Transmission Owners. Several Transmission Owners have responded to confirm ERCOT's project set or to suggest alternatives. The dynamic line ratings have been removed from the case and reliability analysis will be redone to ensure all load can still be served.