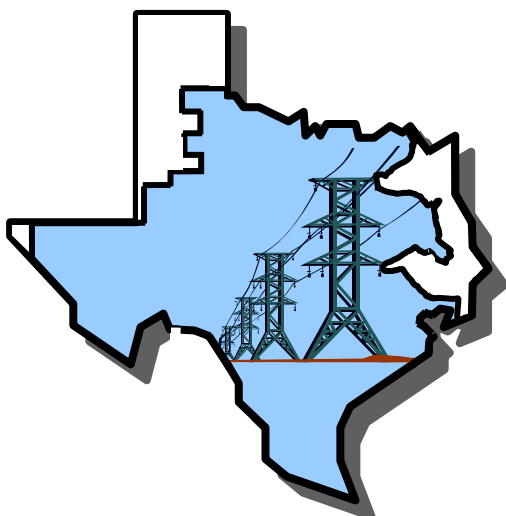




System Planning Division



REVISED Monthly Status Report

to

**Reliability and Operations
Subcommittee**

for

June 2007

Report Highlights

Item

1. ERCOT is currently tracking 171 active generation interconnection requests totaling over 68,000 MW. This includes over 28,000 MW of Wind Generation.
2. Regional Planning is currently reviewing proposed transmission improvements with a total cost ranging from \$190 M to \$243 M.
3. An update to the ERCOT Planning Charter is underway

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1. Generation Interconnection

Additional information regarding detailed generation interconnection and impact studies is contained in the “Generation Project Interconnection Information” data folder posted in the “Operations and System Planning” data area on the ERCOT website.

1.1. New Generation Beginning Commercial Operations

No new generation went into service in June.

1.2. Active Generation Interconnection Requests

GENERATION INTERCONNECTION REQUESTS CURRENTLY BEING PROCESSED					
Currently tracking 171 active generation interconnection or change requests					
As of June 30, 2007					
		North	South	West	Total
Security Screening Study		3	2	14	19
SSS Completed		10	11	19	40
Full Interconnect Study		19	21	50	90
FIS Completed		0	0	3	3
Interconnect Agreement Completed		7	2	13	22
Capacity for Grid, MWs		22,246	23,098	23,439	68,783
Wind MWs		2,035	3,749	22,485	28,269

Fuel	Public (MWs)	Non-public (MWs)	Total (MWs)
Natural gas	2,300	10,732	13,032
Nuclear	5,986	12,800	18,786
Coal	4,616	3,655	8,271
Wind	2,892	25,377	28,269
Other	0	425	425
Totals	15,794	52,989	68,783

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)

FUTURE GENERATION INTERCONNECTIONS (PUBLIC PROJECTS)								
As of June 30, 2007								
INR #	Site Name	Status	County	Region	Fuel	In Service Date	MW into Grid	Change from Last Report
07INR0047	Big Brown 1 Upgrade	IA	Freestone	North	Coal	May-07	20	
07INR0003	Whirlwind 1	IA	Floyd	West	Wind	Sep-07	60	
06INR0021	Barton Chapel	IA	Jack	North	Wind	Oct-07	120	

07INR0018	Capricorn Ridge 1	IA	Coke	West	Wind	Nov-07	214	
07INR0028	Goat Wind 1	IA	Sterling	West	Wind	Dce-07	150	
04INR0017	Ocotillo Wind Farm 1	IA	Howard	West	Wind	Dec-07	59	
04INR0020	Project Snyder	IA	Scurry	West	Wind	Dec-07	63	
07INR0045	Roscoe 1	IA	Scurry	West	Wind	Dec-07	209	
07INR0010	Stanton Wind 1	IA	Martin	West	Wind	Dec-07	120	
03INR0034	Silver Star 1	IA	Erath	North	Wind	Dec-07	60	
07INR0023	Sweetwater Wind 4	IA	Nolan	West	Wind	Dec-07	300	
07INR0030	Buffalo Gap 3	IA	Nolan	West	Wind	Apr-08	138	
06INR0035	Colorado Bend 2	IA	Wharton	South	Gas	May-08	275	
06INR0036	Quail Run 2	IA	Ector	West	Gas	May-08	275	
07INR0022	Airtricity Panther Creek	IA	Howard	West	Wind	Jun-08	100	
03INR0030	Wild Horse 2	IA	Cottle	West	Wind	Aug-08	39	
05INR0015	Gulf Wind 1	PL	Kenedy	South	Wind	Sep-08	400	
03INR0030	Wild Horse 1	IA	Cottle	West	Wind	Nov-07	60	Change in in-service date
09INR0006	Greenville	PL	Hunt	North	Gas	May-09	1750	
08INR0003	Sandow 5	IA	Milam	North	Coal	Jul-09	581	
05INR0015	Gulf Wind 2	PL	Kenedy	South	Wind	Sep-09	400	
09INR0015	Comanche Peak 1 & 2 Upgrade	PL	Somervell	North	Nuclear	Oct-09	86	
09INR0006	Oak Grove 1	IA	Robertson	North	Coal	Nov-09	855	Change in in-service date
09INR0006	Oak Grove 2	IA	Robertson	North	Coal	May-10	855	Change in in-service date
09INR0002	J K Spruce 2	IA	Bexar	South	Coal	Jun-10	750	
05INR0015	Gulf Wind 3	PL	Kenedy	South	Wind	Sep-10	400	
09INR0001	Sandy Creek 1	IA	McLennan	North	Coal	Sep-10	925	
11INR0001	Twin Oaks 3	PL	Robertson	North	Coal	Jun-11	630	
15INR0002	Comanche Peak 3 & 4	PL	Somervell	North	Nuclear	Jan-15	3200	
15INR0008	South Texas Project 3 & 4	PL	Matagorda	South	Nuclear	Jan-15	2700	
						Total	15,794	

2. Regional Planning Group Project Reviews

- The following projects are required to go the BOD
 - TNP-Bell County 345 kV double circuit estimate BOD date TBD
 - HACM Phase II (Houston Area Constraint Mitigation) estimated August 2007 BOD
 - Parkdale Dynamic Reactive Project estimated August 2007 BOD
 - Spruce to Skyline 2nd 345 kV circuit estimated August 2007 BOD
- Oncor TNP One – East Bell County 345kV Double Circuit Project has been submitted. This is a \$63 million project in north central Texas driven primarily by the proposed addition of new coal generation

in the area. The ERCOT Independent Review of this project is complete and this project has been presented to the TAC. It will go to the BOD on July 17, 2007.

- CNP Houston Area Constraint Mitigation Phase II Project has been submitted. It is a \$37.9 million project to increase the North to Houston import capability. It has completed ERCOT Independent Review but is being updated to consider a new CNP cost estimate for the Singleton Switching Station.
- Oncor has submitted the Parkdale Dynamic Reactive Project. This is a \$45-\$98 M dollar project to add a dynamic reactive device in the DFW area. This project is nearing completion of ERCOT Independent Review.
- CPSE has submitted the Spruce to Skyline 2nd 345 kV Circuit Project. This is a \$7.8 M project to add a second circuit on existing structures from Spruce to Skyline in Bexar County. This project is nearing completion of ERCOT Independent Review.
- Oncor has submitted the Shamburger Autotransformer Replacement Project to replace a 493 MVA 345/138 kV autotransformer with a 600 MVA unit. It is a \$5.8 million project in Smith County that has completed ERCOT Independent Review and a RPG endorsement letter is being prepared.
- TXU Wholesale has submitted the Sandow to Taylor to Hutto 138 kV Upgrade Project. It is a \$9.24 million project in Milam and Williamson counties and is nearing completion of the ERCOT Independent Review.
- Oncor has submitted the Temple Pecan to Lake Creek 138 kV Line Reconstruction Project. This is a \$22.1 M project to reconstruct a 138 kV line with double circuit construction with one circuit strung in Bell, Falls, and McLennan counties. This project is currently in ERCOT Independent Review.

3. Other Notable Activities

- Combined Cycle Model Development complete. Training on the CAPP stability model was held on June 12-15, 2007. The final project report is expected next week.
- The Wind Impact/Ancillary Services study is continuing. GE is currently working on Phase I of the study. ERCOT System Planning, working with the ROS A/S Task Force, has finalized the scenarios for analysis in this study.
- 2008 Steady State Working Group Data Set A cases have been posted.
- CREZ Study (SB20)
 - Participated in the Hearing on the Merits, June 11 – 15
 - System Planning personnel worked with ERCOT Assistant General Counsel to develop a Post-Hearing Brief, submitted on June 29.
 - Initial CREZ determination(s) expected soon. Based on parties' briefs in the case, and a proposed outline from the PUCT Chairman, it appears ERCOT System Planning and stakeholders will be heavily involved in a study to optimize the transmission needed to serve the designated CREZs.
- Work has begun on 2007 Five Year Plan, including case and assumptions preparation.
- ERCOT System Planning has initiated revisions to ERCOT Planning Charter and has requested and received comments from RPG on high-level concepts that would be included in those revisions