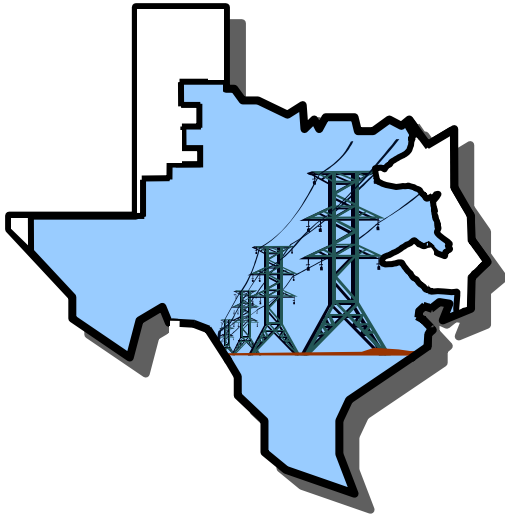




System Planning Division



Monthly Status Report to Reliability and Operations Subcommittee for August 2007

Report Highlights

Item

1. ERCOT is currently tracking 185 active generation interconnection requests totaling over 74,000 MW. This includes over 34,000 MW of Wind Generation.
2. ERCOT System Planning staff kicked off the CREZ Optimization Transmission Study on August 24 during the Regional Planning Group meeting.
3. At their August 14 meeting, the ERCOT Board approved CenterPoint's Singleton and Zenith 345kv Substations project, Oncor's Parkdale dynamic reactive project, and CPS Energy's Spruce to Skyline Second 345 kV Circuit project.
4. Regional Planning is currently reviewing proposed transmission improvements with a total cost of \$20.4 M.

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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

- Valley 1 returned to service, 175 MW in Fannin County
- Sweetwater Wind 4, 300 MW in Nolan County, in service July 2007
- Capricorn Ridge Wind Farm 1, 200 MW in Coke County, in service August 2007
- Capricorn Ridge Wind Farm 2, 150 MW in Coke County, in service August 2007

1.2. Active Generation Interconnection Requests

GENERATION INTERCONNECTION REQUESTS CURRENTLY BEING PROCESSED					
Currently tracking 182 active generation interconnection or change requests					
As of September 4, 2007					
		North	South	West	Total
Security Screening Study		3	2	14	19
SSS Completed		9	9	20	38
Full Interconnect Study		20	26	53	99
FIS Completed		0	2	2	4
Interconnect Agreement Completed		6	2	16	24
Capacity for Grid, MW		18,135	24,896	31,683	74,714
Wind Capacity, MW		1,955	3,671	28,938	34,564

Fuel	Public (MW)	Non-public (MW)	Total (MW)
Natural gas	3,185	14,205	17,390
Nuclear	5,986	6,400	12,386
Coal	4,761	5,188	9,949
Wind	8,214	26,350	34,564
Other	0	425	425
Totals	22,146	52,568	74,714

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 September 4, 2007								
INR #	Site Name	Status	County	Region	Fuel	In Service Date	MW into Grid	Change from Last Report
07INR0003	Whirlwind 1	IA	Floyd	West	Wind	Sep-07	60	

06INR0021	Barton Chapel	IA	Jack	North	Wind	Oct-07	120	
07INR0028	Goat Wind 1	IA	Sterling	West	Wind	Dec-07	150	
04INR0017	Ocotillo Wind Farm 1	IA	Howard	West	Wind	Dec-07	59	
04INR0020	Project Snyder	IA	Scurry	West	Wind	Dec-07	63	
07INR0010	Stanton Wind 1	IA	Martin	West	Wind	Dec-07	101	
03INR0034	Silver Star 1	IA	Erath	North	Wind	Dec-07	60	
07INR0045	Roscoe 1	IA	Scurry	West	Wind	Mar-08	209	
07INR0046	Champion	PL	Scurry	West	Wind	Mar-08	126	Public letter
07INR0030	Louis (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	
07INR0029	South Trent Wind Farm	IA	Taylor	West	Wind	Jul-08	101	Signed IA
04INR0011	Mesquite Wind 3	IA	Shackelford	West	Wind	Aug-08	136	Signed IA
04INR0011	Mesquite Wind 4	IA	Shackelford	West	Wind	Aug-08	100	Signed IA
03INR0030	Wild Horse 2	IA	Cottle	West	Wind	Aug-08	39	
05INR0015	Gulf Wind 1	PL	Kenedy	South	Wind	Sep-08	400	
07INR0046	Airtricity Inadale Wind Farm	PL	Scurry	West	Wind	Oct-08	197	Public letter
07INR0045	Airtricity Pyron Wind Farm	PL	Scurry	West	Wind	Oct-08	249	Public letter
07INR0037	Bull Creek Wind Plant	IA	Borden	West	Wind	Oct-08	180	Signed IA
07INR0025	Airtricity Lamesa 1	IA	Dawson	West	Wind	Oct-08	183	
03INR0030	Wild Horse 1	IA	Cottle	West	Wind	Nov-08	60	
07INR0011	Turkey Track Energy Center	PL	Nolan	West	Wind	Dec-08	300	Public letter
08INR0018	Gunsight Energy Center	PL	Howard	West	Wind	Dec-08	200	Public letter
08INR0025	Pistol Hill Energy Center	PI	Ector	West	Wind	Dec-08	300	Public letter
08INR0059	Gray Energy Center	PL	Borden	West	Wind	Dec-08	141	Public letter
09INR0006	Greenville	PL	Hunt	North	Gas	May-09	1750	
08INR0040	Wind Tex Energy Lenorah Wind Farm	PL	Martin	West	Wind	May-09	350	Public letter
09INR0028	V H Braunig 6	PL	Bexar	South	Gas	May-09	185	
09INR0060	Wind Tex Energy Stephens Wind Farm	PL	Borden	West	Wind	May-09	141	Public letter
09INR0025	Sterling Energy Center	PL	Sterling	West	Wind	Jun-09	300	Public letter
09INR0036	McAdoo Energy Center	PL	Dickens	West	Wind	Jun-09	500	Public letter
08INR0003	Sandow 5	IA	Milam	North	Coal	Jul-09	581	
05INR0015	Gulf Wind 2	PL	Kenedy	South	Wind	Sep-09	400	
09INR0015	B&B Panhandle Wind	PL	Carson	West	Wind	Oct-09	1001	Public letter
09INR0015	Comanche Peak 1 & 2 Upgrade	PL	Somervell	North	Nuclear	Oct-09	86	
09INR0006	Oak Grove 1	IA	Robertson	North	Coal	Nov-09	855	
09INR0034	Gatesville Wind Farm	PL	Coryell	North	Wind	Dec-09	200	Public letter
7INR0004	Pampa Energy Center	PL	Gray	West	Coal	Dec-09	165	Public letter
09INR0037	Camp Springs Energy Center III	PL	Scurry	West	Wind	Mar-10	350	Public letter
09INR0006	Oak Grove 2	IA	Robertson	North	Coal	May-10	855	
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	
12INR0003	Throckmorton Wind Farm	PL	Throckmorton	West	Wind	Dec-10	400	Public letter
11INR0007	Mountain Creek	PL	Dallas	North	Gas	Apr-11	700	Public letter
11INR0001	Twin Oaks 3	PL	Robertson	North	Coal	Jun-11	630	
12INR0004	Fort Concho Wind Farm	PL	Tom Green	West	Wind	Jul-12	400	Public letter
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	22,146	

2. Regional Planning Group Project Reviews

- The CNP Houston Area Constraint Mitigation Phase II Project was endorsed by the ERCOT Board of Directors on August 21, 2007. This is a \$37.9 M project to increase the North to Houston import capability.
- The Oncor Parkdale Dynamic Reactive Project was endorsed by the ERCOT Board of Directors on August 21, 2007. This is a \$45-\$98 M project to add a dynamic reactive device in the DFW area.
- The CPSE Spruce to Skyline 2nd 345 kV Circuit Project was endorsed by the ERCOT Board of Directors on August 21, 2007. This is a \$7.8 M project to add a second circuit on existing structures from Spruce to Skyline in Bexar County.
- The TXU Wholesale Sandow to Taylor to Hutto 138 kV Upgrade Project has completed the RPG review process and an RPG Acceptance letter was mailed on August 1, 2007. It is a \$9.24 M project in Milam and Williamson counties to upgrade existing 138 kV transmission lines from Sandow to Taylor to Hutto.
- The Oncor Temple Pecan to Lake Creek 138 kV Line Reconstruction Project has completed the RPG review process and an RPG Acceptance letter was mailed on August 10, 2007.. 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.
- LCRA has submitted the Lytton Third 345/138 kV Auto and 138 kV lines project. This is a \$20.4 M project in Caldwell and Hays counties. This project is currently in the ERCOT Independent Review.

3. Other Notable Activities

- The Wind Impact/Ancillary Services study is continuing. GE continues to work on Phase I of the study. Preliminary statistical data is expected within the next two weeks.
- CREZ Study (SB20)
 - System Planning is developing base cases and tools for analyzing potential CREZ solutions proposed as part of the CREZ Optimization Study in preparation for the final rule designating CREZ from the PUCT.
- ERCOT has created an RPG subgroup for more frequent meetings and communications related to CTO Study. Sign up for the RPG-CREZ distribution list at <http://lists.ercot.com>

- Work continues on the 2007 Five Year Plan, which has completed the Base Case Conditioning phase and has started the Identification of Reliability Projects phase.
- 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
- The Q3 TPIT spreadsheet was posted.
- The updated SSWG Base Cases were posted.