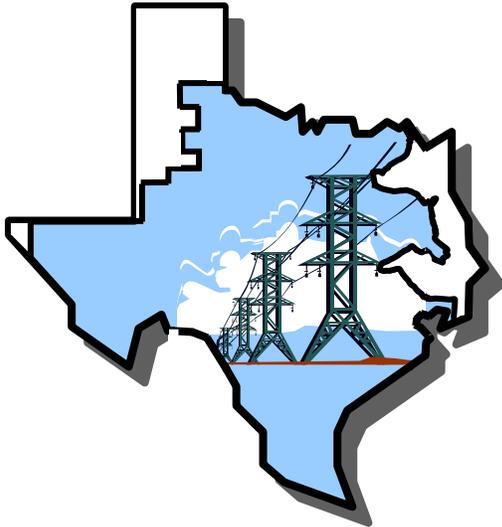




System Planning Division



Monthly Status Report to Reliability and Operations Subcommittee for January 2009

Report Highlights

Item

1.
 - ERCOT is currently tracking 256 active generation interconnection requests totaling over 106,000 MW. This includes 52,000 MW of wind generation.
 - 60 MW of new wind generation began commercial operation in January, bringing the currently installed total of wind power capacity to 8,065 MW.
 - Pursuant to PRR 779, a listing of projects undergoing Full Interconnection Studies has been made public in Section 1.5
2.
 - Regional Planning is currently reviewing proposed transmission improvements with a total cost of \$770 Million
 - Transmission Projects approved in 2008 total \$255 Million
 - All projects (in engineering, routing, licensing and construction) totals approximately \$4.1 Billion
 - Transmission Projects energized in 2008 total about \$453

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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

- No-Trees Wind (07INR0005) in Ector County for an additional 60 MW
 - The total installed wind capacity is now 8,065 MW, of which 7,407 (92%) is located within the Western Congestion Management Zone.

1.2 New Generation Interconnection Agreements - none for January 2009

1.3 Summary of Active Generation Interconnection Requests

GENERATION INTERCONNECTION REQUESTS CURRENTLY BEING PROCESSED				
Currently tracking 254 active generation interconnection or change requests				
As of January 31, 2009	North	South	West	Total
Security Screening Study	2	4	6	12
SSS Completed	5	14	34	53
Full Interconnect Study	34	40	82	156
FIS Completed	2	8	1	11
Interconnect Agreement Completed	7	8	9	24
Capacity under Interconnection Agreements	5,308	2,578	1,262	9,148
Capacity for Grid, MW	25,438	36,997	43,799	106,234
Wind Capacity, MW	2,047	10,429	39,524	52,000

Fuel Type	Confidential Projects (MW)	Projects Under Full Study (MW)	Projects w/ Interconnect Agreement/Public Letter (MW)	Grand Total (MW)
Gas-CC	5,216		5,229	10,445
Gas-CT	400		505	905
Total Gas	5,616	18,361	5,734	29,711
Nuclear	0	3,200	9,186	12,386
Coal	2,943	2,432	4,131	9,506
Wind	15,704	29,253	7,043	52,000
Solar	955	0	0	955
Biomass	0	50	145	195
Other	0	1,480	0	1,480
Grand Total	25,218	54,776	26,239	106,233

1.4 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 as of January 31, 2009								
INR	Site Name	Status	County	Region	COD	Fuel	MW For Grid	Change from Last Report
09INR0026a	Sterling Energy Center	PL	Sterling	West	Mar-09	Wind	200	
08INR0065	Buffalo Gap 4 and 5	PL	Nolan	West	Mar-09	Wind	465	
08INR0046	Bosque Expansion	IA	Bosque	North	Mar-09	Gas-CC	255	
08INR0025	Pistol Hill Energy Center	PL	Ector	West	Mar-09	Wind	300	
07INR0036	Coyote Run Windfarm	IA	Borden	West	Mar-09	Wind	225	
09INR0072	Dansby3	PL	Brazos	North	Apr-09	Gas-CT	48	
10INR0025	Mont Belvieu	IA	Chambers	South	Apr-09	Gas-CT	0	
07INR0028b	Goat Wind - phase 2	IA	Sterling	West	Apr-09	Wind	70	
07INR0027	S Houston Green Power Exp	IA	Galveston	South	Apr-09	Gas-CC	244	
09INR0060	Stephens Wind Farm	PL	Borden	West	May-09	Wind	141	
08INR0040	Lenorah Project	PL	Martin	West	May-09	Wind	350	
08INR0012	Papalote Creek Wind Farm	IA	San Patricio	South	May-09	Wind	180	
09INR0036	McAdoo Energy Center II	PL	Dickens	West	Jun-09	Wind	500	
09INR0026	Sterling Energy Center	PL	Sterling	West	Jun-09	Wind	300	
08INR0035	Cedar Bayou 4	IA	Chambers	South	Jun-09	Gas-CC	539	
09INR0027	Winchester Power Park	IA	Fayette	South	Jul-09	Gas-CT	178	
08INR0003	Sandow 5	IA	Milam	North	Jul-09	Coal	581	
09INR0006a	Oak Grove SES 1	IA	Robertson	North	Jul-09	Coal	855	
08INR0033	Lufkin	IA	Angelina	North	Sep-09	Biomass	45	
05INR0015b	Gulf Wind 2	PL	Kenedy	South	Sep-09	Wind	400	
09INR0028	V H Braunig 6	PL	Bexar	South	Oct-09	Gas-CT	185	
08INR0018	Gunsight Mountain	IA	Howard	West	Oct-09	Wind	120	
09INR0015	Comanche Peak 1&2 Upgrade	PL	Somervell	North	Oct-09	Nuclear	86	
09INR0038	Barney Davis 2 Repowering	IA	Nueces	South	Nov-09	Gas-CC	360	
09INR0039	Nueces Bay 7 Repowering	IA	Nueces	South	Nov-09	Gas-CC	327	
09INR0047	Loraine Windpark	IA	Mitchell	West	Dec-09	Wind	251	
09INR0034	Gatesville Wind Farm	PL	Coryell	North	Dec-09	Wind	200	
08INR0038	M Bar Wind	PL	Andrews	West	Dec-09	Wind	194	
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	
09INR0002	J K Spruce 2	IA	Bexar	South	Jun-10	Coal	750	
09INR0045	Sand Hill Peakers	PL	Travis	South	Jul-10	Gas-CT	94	
05INR0015c	Gulf Wind 3	PL	Kenedy	South	Sep-10	Wind	400	
06INR0012b	Sherbino Mesa Wind Farm 2	IA	Pecos	West	Oct-10	Wind	150	
12INR0003	Throckmorton Wind Farm	PL	Throckmorton	West	Dec-10	Wind	400	
10INR0020	Panda Temple Power	PL	Bell	North	May-11	Gas-CC	1,092	
10INR0010	Jack County 2	PL	Jack	North	Jun-11	Gas-CC	620	

06INR0026	Wild Horse Mountain	IA	Howard	West	Dec-11	Wind	120	
09INR0007	Nacogdoches Project	PL	Nacogdoches	North	Apr-12	Biomass	100	
07INR0004	Pampa Energy Center	PL	Gray	West	May-12	Coal	165	
09INR0024	B&B Panhandle Wind	PL	Carson	West	Jun-12	Wind	1,001	
09INR0001	Sandy Creek 1	IA	McLennan	North	Jun-12	Coal	925	
12INR0004	Fort Concho Wind Farm	PL	Tom Green	West	Jul-12	Wind	400	
06INR0006	Cobisa-Greenville	IA	Hunt	North	May-13	Gas-CC	1,792	
04INR0011c	Cottonwood Wind	IA	Shackelford	West	Jun-13	Wind	100	
04INR0011b	Mesquite Wind Phase 4	IA	Shackelford	West	Jun-13	Wind	136	
11INR0011	Victoria City Nuclear	PL	Victoria	South	Jan-15	Nuclear	3,200	
15INR0008	STP 3 and 4	PL	Matagorda	South	Jan-15	Nuclear	2,700	
15INR0002	Comanche Peak 3 and 4	PL	Somervel	North	Jan-15	Nuclear	3,200	
							26,239	

1.5 Potential Future Generation Projects Undergoing Full Interconnection Studies

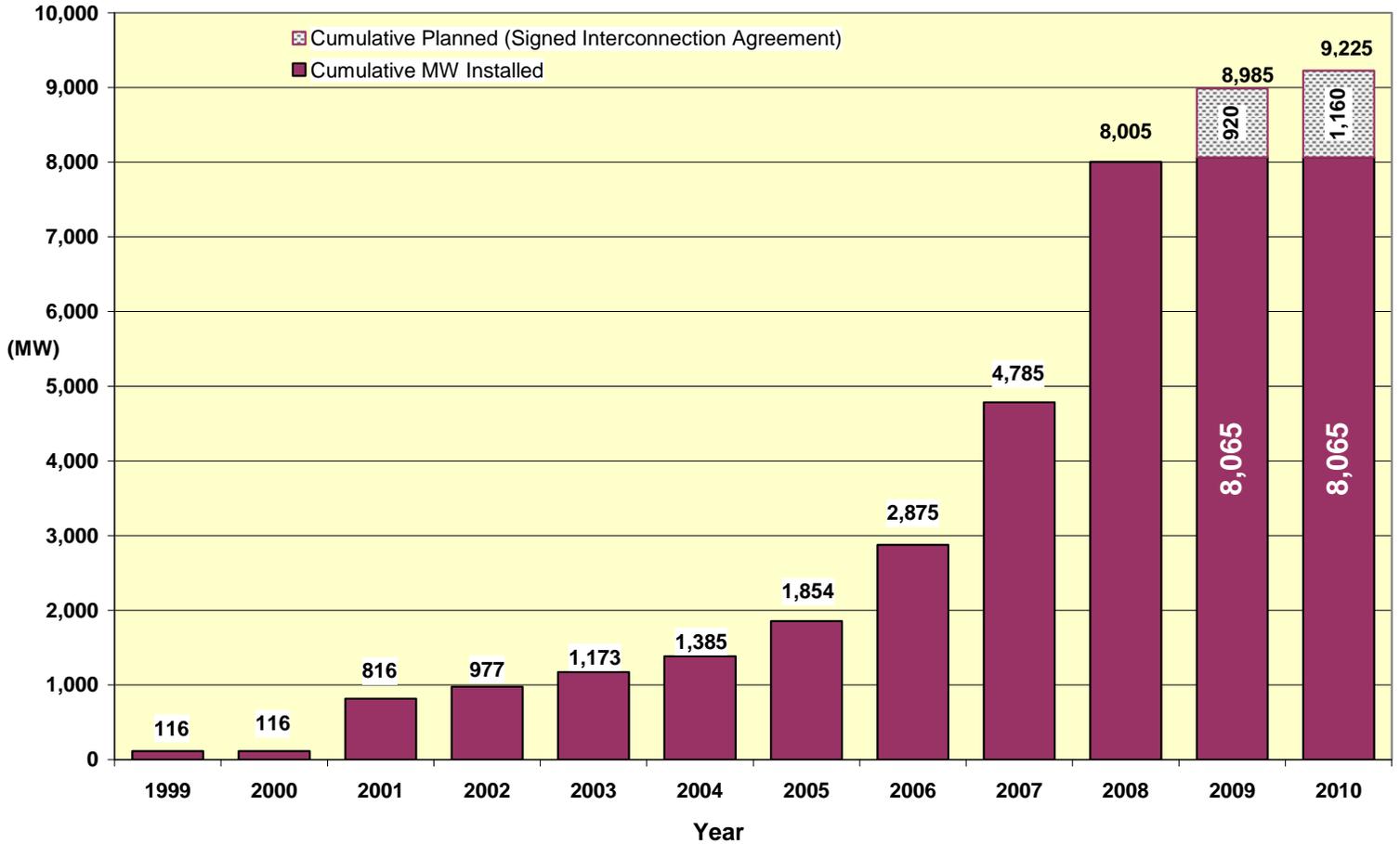
Project	County	Capacity (MW)	COD	Fuel
08INR0009	Jack	150	TBD	Wind
08INR0044	Concho	200	TBD	Wind
08INR0011	Jack	150	TBD	Wind
06INR0022c	Kenedy	200	TBD	Wind
08INR0061	Hardeman	200	TBD	Wind
08INR0062	Archer	249	TBD	Wind
08INR0020	Eastland	200	TBD	Wind
09INR0064	Borden	41	Mar-09	Wind
08INR0042	Coke	200	Mar-09	Wind
08INR0041	Coke	200	Mar-09	Wind
09INR0005	Calhoun	280	Apr-09	other
09INR0059	Freestone	20	May-09	Coal
07INR0026	Baylor	400	May-09	Wind
08INR0005	Wise	400	Jun-09	Gas
09INR0079	Frio	203	Jun-09	Gas
09INR0025	Concho	180	Jun-09	Wind
09INR0044	Coke	60	Sep-09	Wind
09INR0075	Kinney	248	Oct-09	Wind
10INR0027	Nueces	35	Oct-09	Wind
07INR0014b	Wilbarger	70	Oct-09	Wind
10INR0026	Tom Green	186	Oct-09	Wind
09INR0055	McCulloch	299	Oct-09	Wind
09INR0041	Mitchell	300	Oct-09	Wind
07INR0014a	Wilbarger	140	Oct-09	Wind
09INR0048	Jack	150	Oct-09	Wind
08INR0054	Comanche	401	Oct-09	Wind
09INR0073	Scurry	200	Nov-09	Wind
11INR0015	Concho	249	Nov-09	Wind

Project	County	Capacity (MW)	COD	Fuel
10INR0013	Upton	400	Jul-10	Wind
10INR0038	Glasscock	350	Aug-10	Wind
10INR0071	Matagorda	88	Sep-10	Wind
09INR0074	Motley	70	Oct-10	Wind
10INR0015	Mitchell	350	Oct-10	Wind
10INR0070	Hunt	50	Nov-10	Gas
10INR0039	Dickens	200	Nov-10	Wind
10INR0042	Mason	170	Dec-10	Wind
10INR0032	Navarro	800	Dec-10	Gas
10INR0060	Willacy	401	Dec-10	Wind
10INR0059	Zapata	251	Dec-10	Wind
09INR0076	Jackson	300	Dec-10	Wind
10INR0077	Callahan	101	Dec-10	Wind
10INR0056	Borden	249	Dec-10	Wind
10INR0049	Pecos	200	Dec-10	Wind
10INR0033	Armstrong	420	Dec-10	Wind
10INR0019	Deaf Smith	609	Dec-10	Wind
09INR0031	Ector	275	Dec-10	Gas
10INR0008	Pecos	500	Dec-10	Wind
07INR0035	Tom Green	270	Dec-10	Wind
07INR0015	Foard	180	Dec-10	Wind
07INR0017	Erath	210	Dec-10	Wind
07INR0013	Coke	200	Dec-10	Wind
11INR0033b	Cameron	200	Jan-11	Wind
11INR0036b	Matagorda	200	Jan-11	Wind
11INR0037	Smith	55	May-11	Biomass
11INR0028	Grimes	1,280	May-11	Gas
11INR0046	Brazoria	300	May-11	Gas

08INR0031	Childress	100	Nov-09	Wind
11INR0013	Mills	150	Dec-09	Wind
08INR0039	Hamilton	90	Dec-09	Wind
11INR0012	Duval	400	Dec-09	Wind
09INR0065	Webb	150	Dec-09	Wind
09INR0061	Kent	258	Dec-09	Wind
09INR0058	Howard	250	Dec-09	Wind
09INR0054	Stonewall	149	Dec-09	Wind
09INR0051	Borden	249	Dec-09	Wind
08INR0056	Nolan	149	Dec-09	Wind
08INR0023	Floyd	100	Dec-09	Wind
08INR0022	Floyd	100	Dec-09	Wind
10INR0011	Johnson	275	Jan-10	Gas
10INR0047	Kendall	1,000	Jan-10	wind
11INR0036a	Matagorda	200	Jan-10	Wind
11INR0033a	Cameron	200	Jan-10	Wind
10INR0048	Hardeman	1,000	Jan-10	wind
11INR0014	Harris	50	Feb-10	Gas
10INR0018	Madison	550	Mar-10	Gas
10INR0022	Harris	3,500	Mar-10	Gas
08INR0026	Galveston	200	Mar-10	Wind
10INR0045	Webb	734	Apr-10	wind
10INR0046	Jim Hogg	264	Apr-10	wind
10INR0054	Palo Pinto	36	May-10	Wind
10INR0028	Harris	641	May-10	Gas
09INR0070	Reagan	42	May-10	Wind
09INR0069	Reagan	36	May-10	Wind
10INR0023	Haskell	386	May-10	Wind
10INR0016	Childress	150	May-10	Wind
09INR0035	Concho	750	May-10	Wind
09INR0018	Concho	249	May-10	Wind
07INR0032	Tom Green	249	May-10	Wind
10INR0069	Rusk	818	May-10	Coal
10INR0076	Webb	225	May-10	Wind
09INR0081	Rusk	818	Jun-10	Coal
10INR0029	Hood	810	Jun-10	Gas
10INR0035	Harris	416	Jun-10	Gas
10INR0012	Nacogdoches	300	Jul-10	Gas
10INR0052a	Knox	21	Jul-10	Wind

10INR0009	Castro	200	May-11	Wind
11INR0009	Navarro	1,200	Jun-11	Gas
09INR0050	Fannin	1,200	Jun-11	Gas
11INR0019	Upton	200	Jun-11	Wind
11INR0021	Upton	200	Jun-11	Wind
11INR0022	Upton	200	Jun-11	Wind
11INR0020	Upton	200	Jun-11	Wind
11INR0006	Lamar	579	Jul-11	Gas
06INR0041	Newton	1,160	Jul-11	Gas
11INR0040	freestone	749	Aug-11	Gas
11INR0039	Starr	201	Sep-11	Wind
11INR0008c	Roberts	600	Sep-11	Gas
11INR0008b	Roberts	750	Sep-11	Coal
11INR0008a	Roberts	4,000	Sep-11	Wind
10INR0021	Grayson	646	Nov-11	Gas
09INR0016	Yoakum	680	Nov-11	Gas
06INR0022d	Kenedy	200	Dec-11	Wind
11INR0025	Crockett	400	Dec-11	Wind
11INR0005	Upton	500	Dec-11	Wind
12INR0007	Lamar	296	May-12	Gas
12INR0006	Limestone	875	Jun-12	Coal
12INR0020	Wharton	660	Jun-12	gas
12INR0002	Briscoe	750	Jul-12	Wind
12INR0016	Nueces	1,200	Nov-12	other
08INR0019a	Gray	250	Nov-12	Wind
08INR0019b	Gray	250	Nov-12	Wind
08INR0019c	Gray	250	Nov-12	Wind
06INR0022b	Kenedy	200	Dec-12	Wind
06INR0022f	Kenedy	200	Dec-12	Wind
11INR0023	King	400	Dec-12	Wind
12INR0005	Floyd	1,100	Dec-12	Wind
12INR0009	Nueces	875	May-13	Gas
06INR0022e	Kenedy	200	Dec-13	Wind
14INR0002	Goliad	756	Feb-14	Coal
14INR0001	Pecos	500	Dec-14	Wind
15INR0003	Matagorda	3,200	Jan-15	Nuclear
09INR0082	Webb	300	Dec-09	Wind
10INR0079	Nolan	60	May-10	Wind

1.6 Wind Capacity Installed by Year



(as of January 31, 2009)

2. Regional Planning Group Project Reviews

- 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 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 in ERCOT Independent Review.
- Oncor submitted a project to install an additional 300 MVar of dynamic reactive at Renner station. The estimated cost of this project is \$ 35 M with an in-service date of 2010. The review of this project is complete and a RPG Acceptance Letter is being prepared.
- Oncor submitted a project to relieve congestion related to new wind units in the Lamesa area. The project will upgrade the Lamesa to Bluff Creek 138 kV line, rebuild the Bluff Creek to China Grove 138 kV line, rebuild the Lamesa to Ackerly Vealmoor 69 kV line to 138/69 kV double circuit, rebuild the Lamesa 138 kV switching station, build a new 138 kV Ackerly Vealmoor station, add second circuits to all rebuilt lines and include station upgrades at China Grove and Big Spring. The cost of this project is \$ 80.8 M. This project will be reviewed to ensure that the improvements fit into the likely CREZ transmission solution for the area. This project is in ERCOT Independent Review and will be studied as part of the 2009 Five-Year Transmission Plan.
- Oncor submitted a project to add several 345 kV circuits to support the addition of Comanche Peak units 3 and 4 in 2015 at an estimated cost of \$ 133 M. These upgrades include a new 345 kV double circuit line with one circuit in place from Comanche to Whitney, a new 345 kV line from Comanche to Johnson Switch, a new circuit on existing structures from Johnson Switch to Everman, a new 345 kV double circuit with one circuit in place from Comanche to DeCordova, and a new 345 kV line on existing structures from Comanche to Parker Switch. This project is in ERCOT Independent Review and will be studied when the 2009 Five-Year Transmission Plan is complete.
- Austin Energy submitted a project to establish a 138 kV circuit from Hicross to Slaughter Lane by building 2.2 miles of new transmission line to an un-energized 1.2 mile circuit segment. This project will cost \$5.774 M with an estimated completion date of October 2010. The review of this project is complete and a RPG Acceptance Letter is being prepared.
- Oncor submitted a project to add a 138/69 kV autotransformer at Stanton East into the Spraberry to Big Spring 69 kV line and rebuild the 138 kV line from Stanton East to Big Spring Switch. This project will cost \$15 M with an estimated completion date no earlier than summer 2011. This project is in study period.
- Sharyland Utilities submitted a project to construct and operate the ERCOT Southeast Loop facilities consisting of a 345 kV double circuit from Lufkin to Canal 345 kV substation on the northeast side of Houston. This project will cost \$359 M with an estimated completion date of summer 2013. This project is in study period.
- Austin Energy submitted a project to relocate the Decker to Techridge circuit to new ROW so that the existing structures can be utilized for the new Gilleland to Techridge circuit. The estimated

completion date of this project is November 2010 and estimated cost is \$ 4.3 M. This project is in study period.

3. Other Notable Activities

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

- ERCOT Regional Planning has begun work on the 2009 Five-Year Transmission Plan utilizing the latest SSWG base cases. This work is in the conditioning phase where projects in the base cases requiring RPG review that have not undergone that review are removed. These projects have been identified and submitted to Transmission Owners for their review and creation of IDEV's to remove the projects from the base cases.
- The Annual Load Data Request (ALDR) training was held on January 21, 2009.
- ERCOT TPIT report for 2009 first quarter is due to be filed on or before March 1, 2009.
- With increased legislative activities and interest in renewable energy and emissions, the REC program is reviewing several senate and house bills that will bring change to the program and to Texas. The REC program also successfully issued the RPS Mandate for 2008.