



System Planning

Monthly Status Report November 2014

Report Highlights

- **ERCOT is currently tracking 239 active generation interconnection requests totaling over 62,800 MW. This includes over 24,100 MW of wind generation.**
- **ERCOT is currently reviewing proposed transmission improvements with a total cost of \$495.1 Million.**
- **Transmission Projects endorsed in 2014 total \$788.5 Million.**
- **All projects (in engineering, routing, licensing and construction) total approximately \$5.54 Billion.**
- **Transmission Projects energized in 2014 total about \$693.7 Million.**
- **ERCOT installed wind capacity, as reported through the registration process, currently totals 11,703 MW (10,023 MW Non-Coastal and 1,680 MW Coastal).**

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1. Generation Interconnection

Generator interconnection information has been moved to the Generator Interconnection Status (GIS) Report, which is published monthly under the Grid Information / Resource Adequacy section of the [ercot.com](http://www.ercot.com) website. Please see the exact web link below.

<http://www.ercot.com/gridinfo/resource/index>

2. Regional Planning Group Project Reviews

- Sharyland has submitted the Brady Area project. This is a Tier 2 project that is estimated to cost \$18 million. This project has completed the RPG review and ERCOT will send the RPG acceptance letter.
- AEPSC has submitted the Brady Area Improvements project. This is a Tier 2 project that is estimated to cost \$26.5 million. This project has completed the RPG review and ERCOT will send the RPG acceptance letter.
- Duke-American Transmission Company has submitted the Phoenix project. This is a Tier 2 project that is estimated to cost \$39 million. This project is currently under ERCOT independent review.
- CPS Energy and LCRA Transmission Services Corporation (TSC) have jointly submitted the Transmission System Additions project to address the reliability needs in the northeast San Antonio area. This is a Tier 1 project that is estimated to cost \$237.3 million. This project is currently under ERCOT independent review.
- CenterPoint Energy has submitted the Jones Creek project. This is a Tier 1 project that is estimated to cost \$79.8 million. ERCOT has issued the independent review report on Nov. 13th. ERCOT will present the project to TAC and the Board of Directors for their endorsement.
- Sharyland has submitted the North Loop Load Integration project. This is a Tier 2 project that is estimated to cost \$11 million. This project is currently under ERCOT independent review.
- TNMP has submitted the SCLP-Brazoria Line Rebuild Conversion Project. This is a Tier 3 project that is estimated to cost \$27 million. This project has completed the RPG review and ERCOT will send the RPG acceptance letter.
- LCRA has submitted the Goldthwaite-Lampasas Line Upgrades Project. This is a Tier 1 project that is estimated to cost \$71 million. This project has been submitted for RPG comments.
- Garland Power & Light (GPL) has submitted the Wylie Switch-Firewheel 138 kV line upgrade project. This is a Tier 3 project that is estimated to cost \$30 million. This project has been submitted for RPG comments.

3. Asynchronous Tie Interconnection

Project	Notification to ERCOT	Reliability Study	RPG Review	Interconnection Agreement	In-service Year
Southern Cross HVDC (3000 MW - SERC)					
Tres Amigas (1500 MW - SPP)					

Color Legend

	In progress
	Complete

4. Planning Model Activities

The short term calendar of major planning model events follows:

- **Oct 10, 2014** **Posted 15DSA updates and 15DSB Cases and MODTPIT**
- **Oct 29, 2014** **Posted Contingency Definitions and Planning Data Dictionary**
- **Dec 5, 2014** **Complete Transmission Loss Factors**

The following table shows updates since last month of interconnection projects that met Planning Guide section 6.9 (1) and were either modeled or not modeled based on submitted RARF data in accordance with Planning Guide section 6.9 (2). A non-null value in the Project ID column signifies that the project was modeled and a null value means it was not modeled. The Notes column may provide further explanation.

Generator	INR Number	In-service Date	Updated	Project	TSP	Notes
Route66 Wind	14INR0032a	8/15/2015	11/19/2014		SHRY	Insufficient Data on RARF
Patriot (Petronilla) Wind	11INR0062	8/15/2015	11/17/2014		AEP	Insufficient Data on RARF
Sendero Wind Energy Project	12INR0068	8/31/2015	11/10/2014		AEP	Insufficient Data on RARF
Briscoe Wind Farm	14INR0072	12/31/2015	11/17/2014		SHRY	Insufficient Data on RARF
Antelope Station	13INR0028	6/1/2016	11/10/2014		SHRY	Insufficient Data on RARF
Cameron County Wind	11INR0057	9/1/2015	11/17/2014		STEC	Insufficient Data on RARF
South Plains Wind I	14INR0025a	7/31/2015	11/10/2014		SHRY	
South Plains II	14INR0025b	12/1/2015	11/10/2014		SHRY	
Javelina Wind Energy	13INR0055	10/1/2015	11/17/2014		AEP	Insufficient Data on RARF

5. Other Notable Activities

- Reliability and economic analysis of the 2014 Regional Transmission Plan (RTP) is now complete. ERCOT is working on issuing the 2014 RTP report for final review.
- The reliability portion of ERCOT's 2014 Long Term System Assessment (LTSA) study is complete. ERCOT staff is currently working on economic analysis and the report.
- ERCOT is currently preparing the 2014 Constraints and Needs Report.