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| 4x2%20FullColor_No%20Tagline |  | **System Planning**  |
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|  |  | **Monthly Status Report****August 2018** |
|  | ***Report Highlights*** |  |
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|  | * **ERCOT is currently reviewing proposed transmission improvements with a total estimated cost of $638.8 Million.**
* **Transmission Projects endorsed in 2018 total $396.6 Million.**
* **All projects (in engineering, routing, licensing and construction) total approximately $6.49 Billion as of June 1, 2018.**
* **Transmission Projects energized in 2018 total about $1.120 Billion as of June 1, 2018.**
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Regional Planning Group Project Reviews

* Garland Power & Light and Oncor have jointly submitted the North Garland Reliability Infrastructure Project (N-GRIP). This is a Tier 1 project that is estimated to cost $78 million. The ERCOT independent review for this project is currently placed on hold per the request of GPL.
* WETT has submitted the Bearkat Area Transmission Improvements project. This is a Tier 1 project that is estimated to cost $69.9 million. This project is currently under ERCOT Independent Review.
* AEPSC has submitted the LRGV Import Project. This is a Tier 1 project that is estimated to cost $73.4 million. AEPSC has also requested that ERCOT provide conditional endorsement for an additional $357.2 million project.  This project is currently under ERCOT Independent Review.
* Oncor has submitted the Grapevine Switching Station project. This is a Tier 2 project that is estimated to cost $25 million. ERCOT completed the independent review on August 17 and distributed the report to the RPG. ERCOT will prepare the endorsement letter.
* CenterPoint has submitted the Angleton to PETSON to MONSAN 138 kV Line Rebuild Project. This is a Tier 3 project that is estimated to cost $35.3 million. This project completed the RPG review on August 17, and ERCOT will prepare the acceptance letter.
* Sharyland has submitted the Lubbock Power and Light (LP&L) ERCOT Integration Project Modified Option 4ow. LP&L and Sharyland have proposed modifications to the Option 4ow that was authorized by the PUCT (in Docket No. 47576). As per the ERCOT Protocol section 3.11.4.10 (1), this is a Tier 3 project. This project has completed the RPG review. ERCOT has sent the acceptance letter. The additional cost that may be incurred if the PUCT approves the proposed modification is estimated to be $3.1 million.

More information on current and past RPG projects can be found on the ERCOT MIS Secure (digital certificate required): [https://mis.ercot.com/pps/tibco/mis/Pages/Grid+Information/RegionalPlanning](https://mis.ercot.com/pps/tibco/mis/Pages/Grid%2BInformation/RegionalPlanning)

Past email communication on RPG projects can be found on the ERCOT listserve by signing up for the REGPLANGROUP list: <http://lists.ercot.com/scripts/wa-ERCOT.exe?A0=REGPLANGROUP>

# Planning Model Activities

The short term calendar of major planning model events is as follows:

* October 15, 2018 Post 18SSWG Update 1 Base Cases and TPIT
* October 31, 2018 Post Contingency definitions and Planning Data Dictionary

The following table shows interconnection projects that met Planning Guide section 6.9(1) and 6.9(2) and were modeled in the SSWG cases as either complete or as a simple model in accordance with Planning Guide section 6.9. The 6.9(2) Deadline shown in red have received a notification that the 60 day deadline has past and the set of planning data has not been received.

 

# Permian Basin Oil Rig Count[[1]](#footnote-1)



# Other Notable Activities

* ERCOT continues to develop the 2018 Regional Transmission Plan (RTP) study. The preliminary N-1 secure reliability cases along with a list of transmission upgrades and additions for all study regions have been shared with the RPG as of September 4, 2018. Stakeholders are encouraged to review and provide feedback on the posted results. ERCOT is currently working on finalizing the list of transmission upgrades and additions for all study regions under G1-N1 and X1-N1 conditions.
* ERCOT continues to work on the 2018 Long-Term System Assessment (LTSA). ERCOT has completed its initial generation expansion analysis for all five scenarios. The results of these analyses were presented at the April and May RPG meetings. ERCOT is currently working on the transmission expansion analysis for the Current Trends scenario.
* The SPWG completed the 2018 CY base cases and the 2019-2023 FY cases.
* The DWG has started the 2018-2019 flat cases development for 2021 Summer Peak, 2022 HWLL, and 2025 Summer Peak cases.
* ERCOT started the Southern Cross DC Tie Interconnection study.
1. +/- symbol indicates the increase or decrease from the previous month in oil rigs present in each county. There are 381 rigs, including a total increase of 5 oil rigs in the Permian Basin from July to August 2018. [↑](#footnote-ref-1)