



ERCOT GTC Updates

Transmission Operations Planning

ROS Meeting
12/02/2021

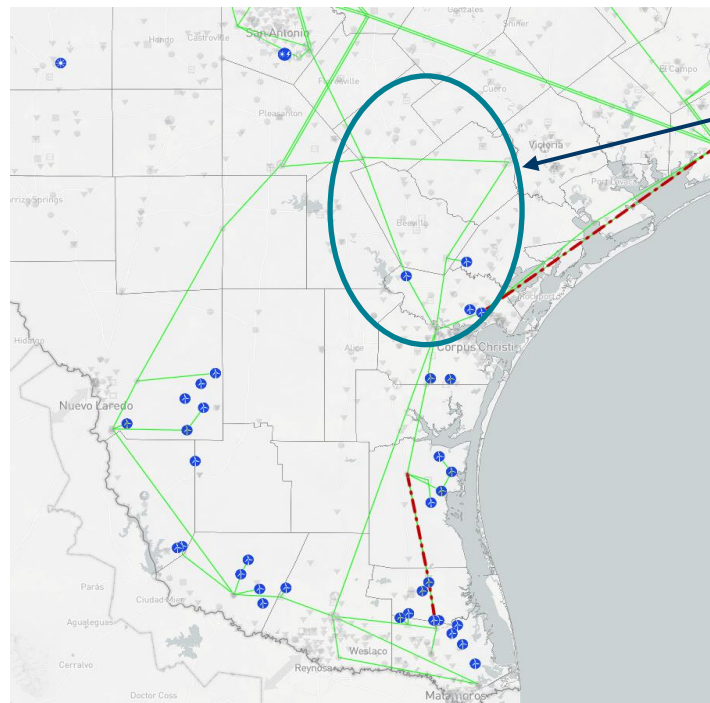
Recent GTC Update Summary

- East Texas GTC Update
 - The previous GTC was based on off-line studies
 - The previous GTLs were modeled using a static limit table
 - The GTC interface remains the same
 - The updated GTLs are calculated using real-time VSAT based on real-time system condition

* <https://mis.ercot.com/secure/data-products/grid/transmission?id=NP3-770-M>

Recent GTC Update Summary

- Valley region GTC Update
 - Based on 2021 Q4 QSA and a follow-up GTC study
 - Additional resources inside Valley Export GTC (~180MW) and the area of Pawnee – Lon Hill – Coletto Creek (“PLC”, between Corpus Christi and San Antonio, ~440MW)



Pawnee – Lonhill
– Coletto Creek
("PLC") area

Recent GTC Update Summary

- Valley region GTC Update
 - ERCOT identified a stability impact of the “PLC” area generation on Valley region stability
 - ERCOT identified it is much more efficient to curtail the Valley region generation than the “PLC” area generation
 - No GTC has been proposed in the “PLC” area
 - “PLC” area generation assumed to be fully dispatched
 - NE_LOB, NELRIO and Valley Export GTCs are updated
 - The GTC interfaces remain the same
 - GTL changes
 - No significant change
 - Additional prior outage conditions related to the “PLC” area have been added to the GTL table

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