South Texas Export and Import GTC Exit Strategy

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Introduction

- ERCOT has identified a reliability need to limit power transfers in both south-to-north and north-to-south directions across interfaces that are generally south of San Antonio. ERCOT has established four new Generic Transmission Constraints (GTCs) to manage these transfers, effective March 1, 2024:

GTC Definition	Line
I_KALO	Katoen – Lon Hill 345-kV line
I_PASP	Calaveras – Pawnee 345-kV line
E_PASP	Pawnee – Calaveras 345-kV line
E_PATA	Tango – Pawnee 345-kV line

- Per Nodal Protocol Section 3.10.7.6 (7), ERCOT conducted a study and identified GTC exit strategy for the steady-state thermal related GTCs associated with large power import or export to or from South Texas

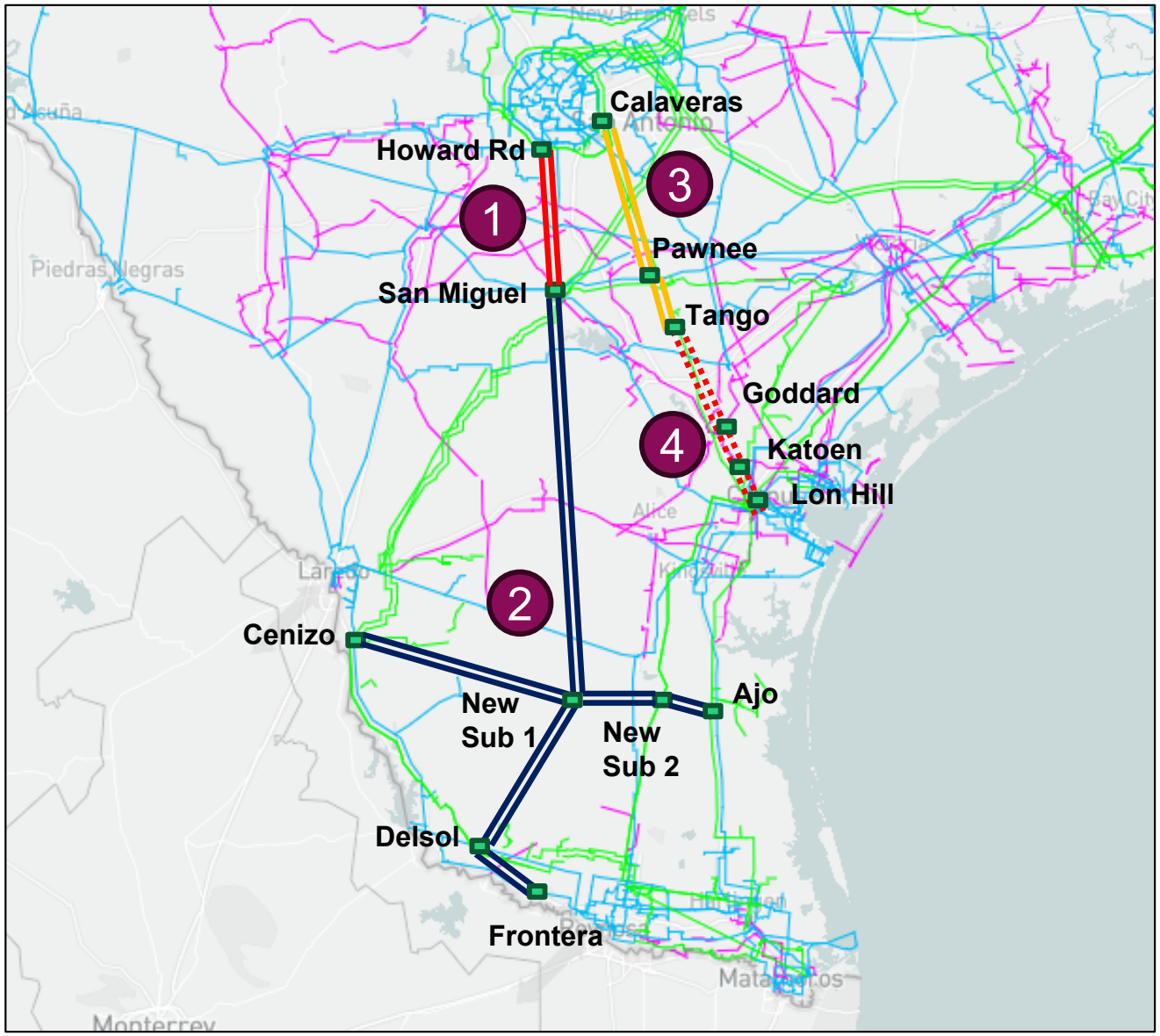
STX GTC Exit Strategy

- The study results indicated that implementing the following transmission upgrades is expected to help exit the STX GTCs

ID	Description	Status	Expected In-service Date
1	San Antonio South Reliability I Project	Endorsed	2027
2	LRGV Transmission Improvement Project	Endorsed	2027
3	San Antonio South Reliability II Project	Endorsed	2029
4	Tango-Goddard-Kateon-Lon Hill 345-kV Line Upgrade to DCKT	Conceptual	N/A

- The STX GTC exit strategy has been incorporated into the GTC methodology documents and posted in the ERCOT MIS Secure Area

Map of STX Import/Export GTC Exit Strategy



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Questions?

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