



Transient Security Assessment Tool (TSAT) Update

ERCOT Operations Stability Analysis

September 29, 2022
ROS Meeting

Status Update

#	Task	Notes	Progress and Tentative Schedule
1	TSAT Model Update and Availability	~90% of IBRs with accepted TSAT models.	Ongoing
2	Offline TSAT Scenarios Set Up and Testing	16 GTCs including 5 GTCs that don't have TSAT models for all the IBRs in the study area (within and close to the interface). TSAT model availability for these 5 GTCs: <ul style="list-style-type: none">• Panhandle GTC: 70%• West Texas Export GTC: 77%,• Valley Export GTC, Nelson Sharpe – Rio Hondo GTC, and North Edinburg – Lobo GTC: 76 %	Ongoing
3	EMS Testing Environment		Q1, 2023
4	EMS Operational Environment		Q2, 2023
5	Online TSAT		TBD

- Depends on the testing and finding at each stage, the schedule will be revised as needed
- May not have all the GTCs implemented initially