



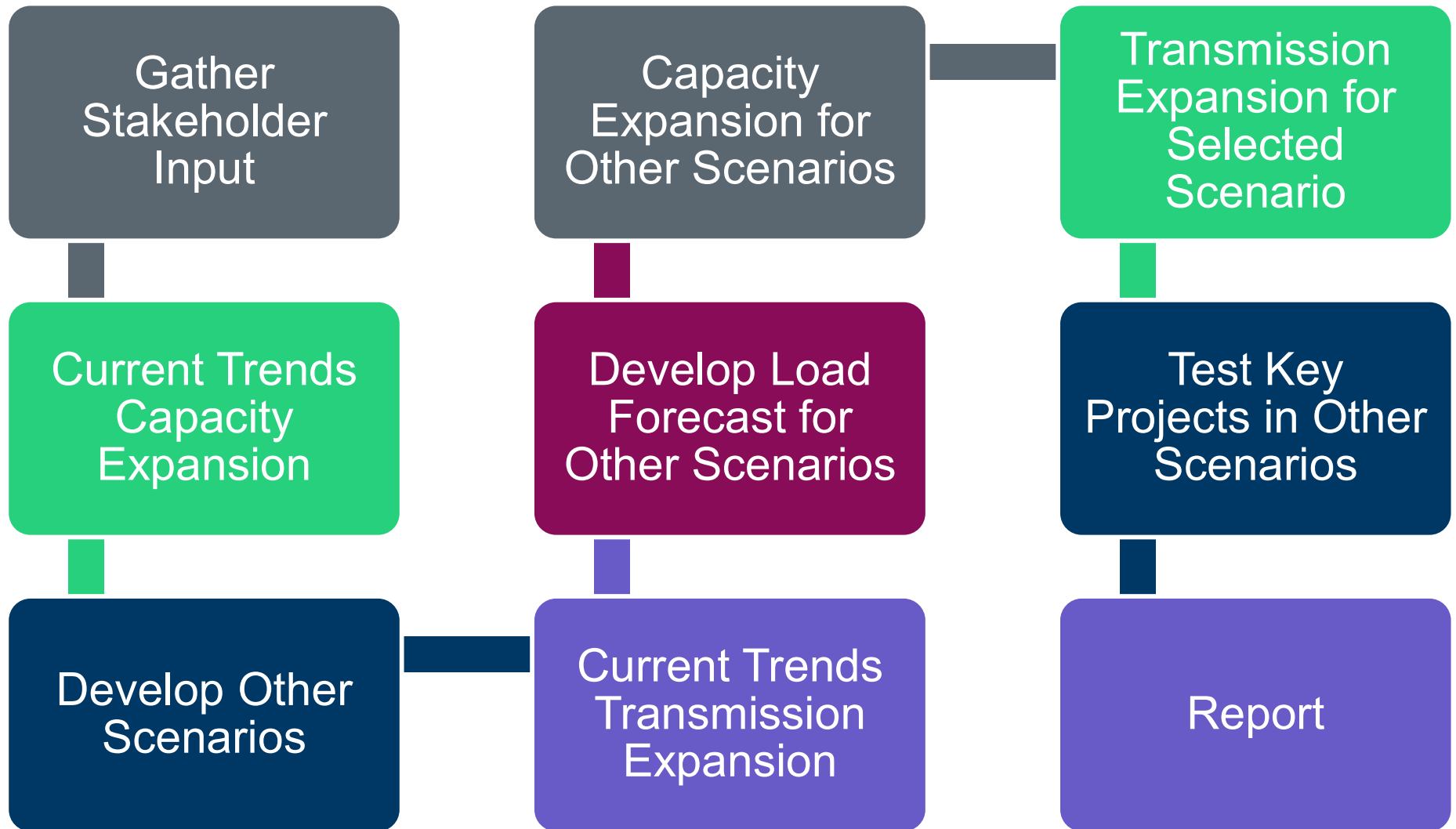
2024 Long-Term System Assessment (LTSA) Planning

ERCOT Staff
March 22, 2023

LTSA Overview

- The LTSA provides an evaluation of the potential needs of ERCOT's extra-high voltage (345-kV) system in the 10- to 15-year planning horizon
- The LTSA guides the six-year planning process by providing a longer-term view of system reliability and economic needs
- ERCOT studies different scenarios in its long-term planning process to account for the inherent uncertainty of planning the system beyond six-years

2024 LTSA Process



2024 LTSA Tentative Schedule

| Task | Date |
|--|---------|
| Stakeholder Input | Q1 2023 |
| Scenario Development | Q2 2023 |
| Finalize Scenarios | Q3 2023 |
| Finalize Current Trends Capacity Expansion | Q3 2023 |
| Current Trends Transmission Expansion | Q1 2024 |
| Other Scenarios Capacity Expansion | Q1 2024 |
| Other Scenarios Transmission Expansion | Q3 2024 |
| Report Preparation and Posting | Q4 2024 |

LTSA Survey and Stakeholder Input

- Survey will be sent to RPG listserv on March 23
 - Link: <https://www.surveymonkey.com/r/2024LTSAsurvey>
- Responses requested by EOB on April 14
- Additional stakeholder input / feedback is welcomed
 - Send to Pingwei.Du@ercot.com
Ping.Yan@ercot.com

Questions

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