



E-RSC WG Open Meeting

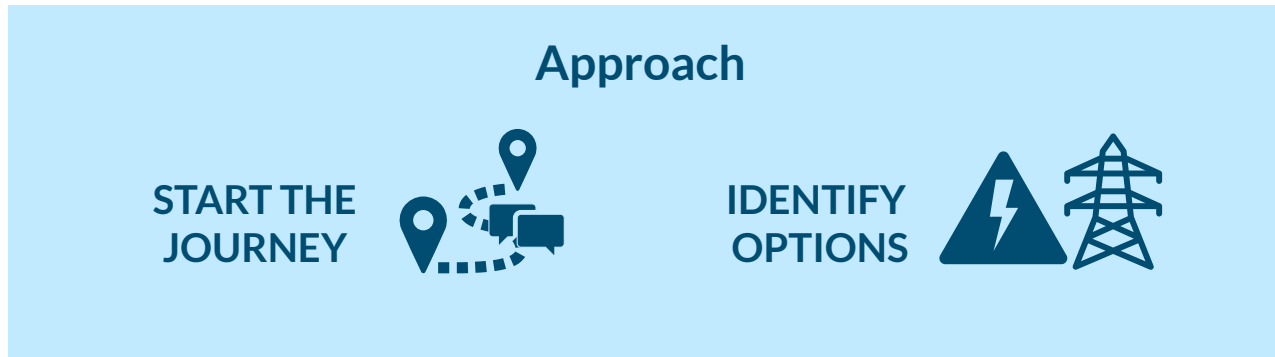
Transmission Planning
October 7, 2025

South LRTP requires collaboration with key stakeholders anticipated to take approximately three years



- MISO is starting a focused study in LA including the Amite South and Down Stream Gypsy load pockets utilizing LRTP scenarios representing member generation and anticipated load growth in 2026
- As we develop scope and work through the process collaboration will be required with our Stakeholders
- Initial solution options will be identified and announced in 2027 with finalization the study in 2028

MTEP26 South LRTP begins the subregional journey with a collaborative, investigative approach



MTEP26 South LRTP

Needs	Support reliability and load growth
Process	Evaluate system reliability and load-serving needs using models defined by the updated Futures; develop detailed scope with stakeholders, beginning with Louisiana
Outcome	Options to guide next steps, which could include transmission and/or generation solutions for further study

Numbered
“tranche”
nomenclature
is retiring as
LRTP continues
to progress

Insights from the South Load Pocket Risk Assessment, with a focus on reliability and load growth, will inform the South LRTP study process

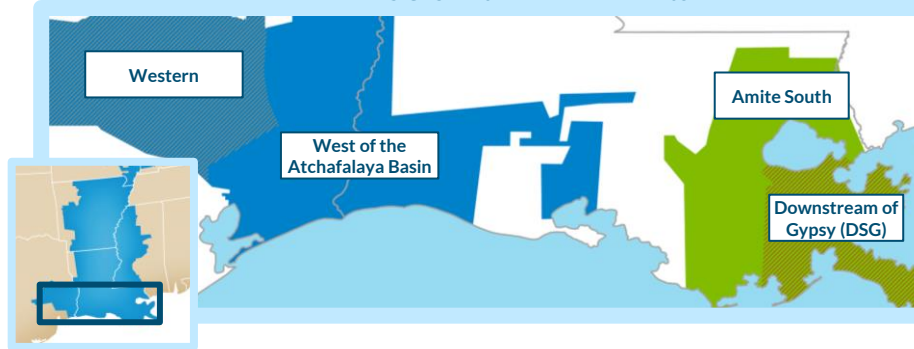
South Load Pocket Risk Assessment

An estimate of
load shed risk

Actionable insights
and support for
next steps

Initial focus on
DSG in southern
Louisiana

MISO South Load Pockets

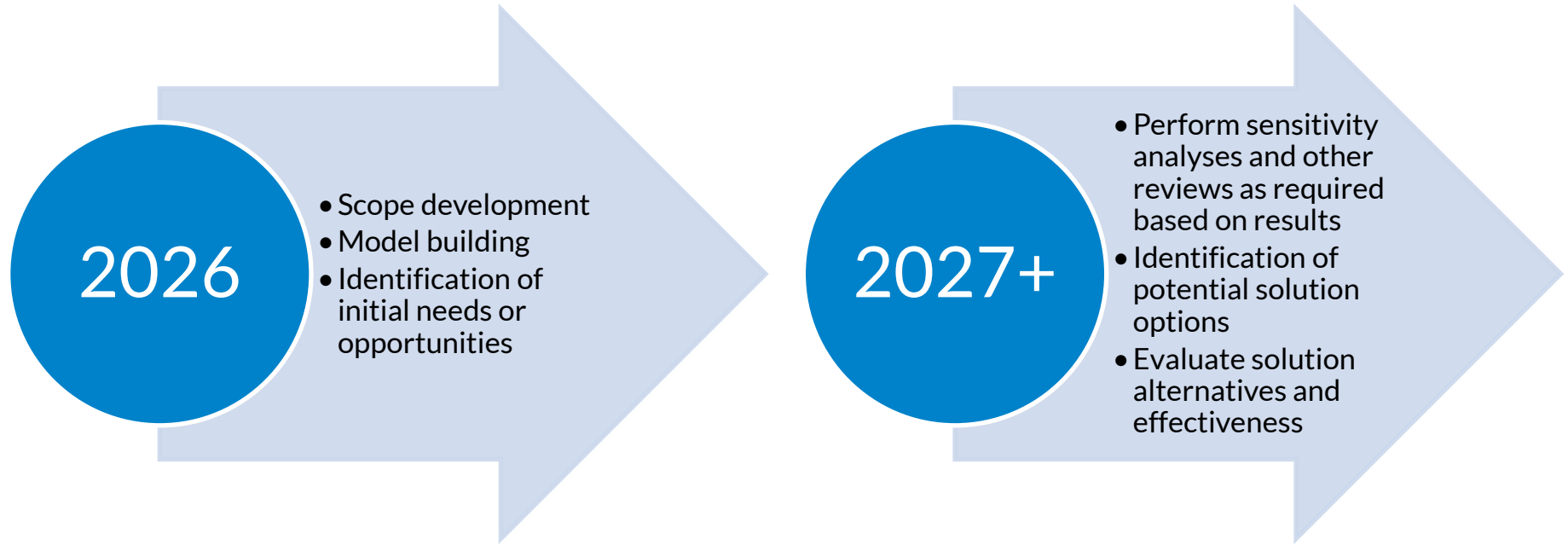


- Limited import capabilities
- Strong reliance on local generation
- Carry a unique set of reliability, planning and market efficiency challenges

DSG: Downstream of Gypsy

Public

Although the scope is still being formed, the South LRTP analysis is anticipated to take 3 years after the completion of MISO futures

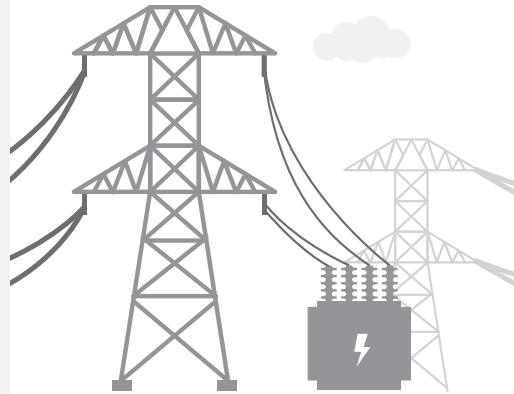


Appendix

Near-term planning relies on known and committed inputs while long-term regional planning (e.g. LRTP) consider projections and trends

NERC reliability planning

- Load generally modeled as the most probable (50/50) coincident
- Generation resources consider signed Interconnection Agreements and approved Attachment Y retirements by horizon
- Topology MTEP Appendix A in service by horizon
- Horizon 2, 5, 10 years



Long-term planning (LRTP)

- Projected load growth by existing economic factors and electrification
- Member plans: Utility IRPs and announced state and utility goals
- MTEP A in service by horizon
- 20+ years

Local / Near-Term



Regional / Long-Term