



# Discussion of the MISO Indicative Roadmap Projects

L RTP Workshop

April 30, 2021

# Initial indicative maps provide a starting point, ideas and scope for Long Range Transmission Planning (LRTP)



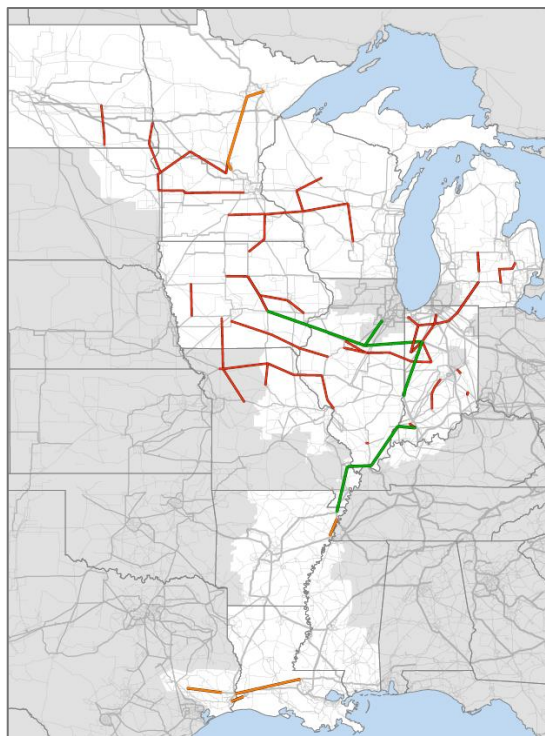
The indicative maps represent ideas vs. final proposals or plans

- Indicative maps provide ideas based on:
  - Industry experience and judgment
  - Existing generation and transmission system
  - Current and future industry trends
  - High-level system impacts of future industry trends on the overall transmission system

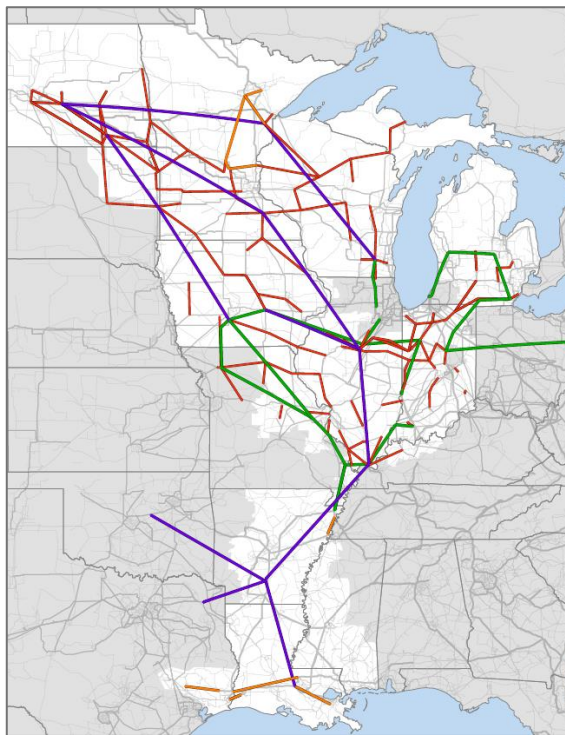
# Indicative maps represent *solution ideas* for potential short- and long-term needs

- High-level qualitative system impacts of current and future industry trends rather than specific transmission issues identified from quantitative studies
- Known transmission issues that will be aggravated by future industry trends, particularly for near-term projects
- Past transmission project ideas from Transmission Owners, Stakeholders and MISO Staff
- Transmission project proposals developed in past Generator Interconnection studies
- New transmission ideas from MISO Staff based on anticipated high-level changes in the industry

# An indicative map reflecting Future 1 is a starting point for potential solutions that can also address transmission needs in Futures 2 and 3



Future 1



Future 1, 2, 3

Voltage Level (kV)

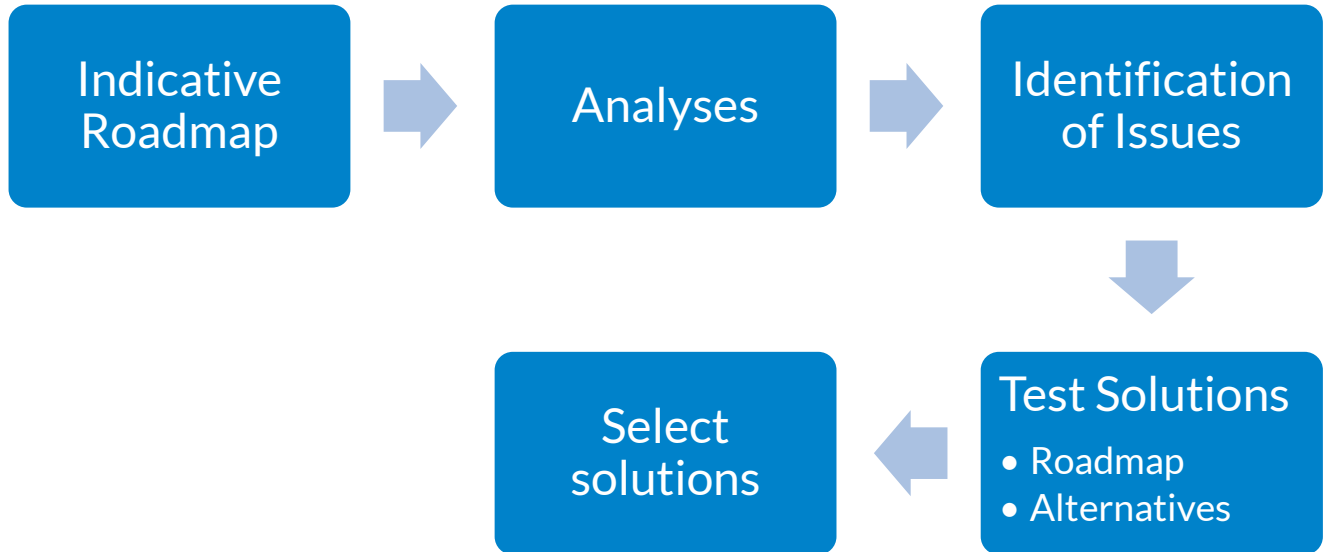
345

500

765

DC Line

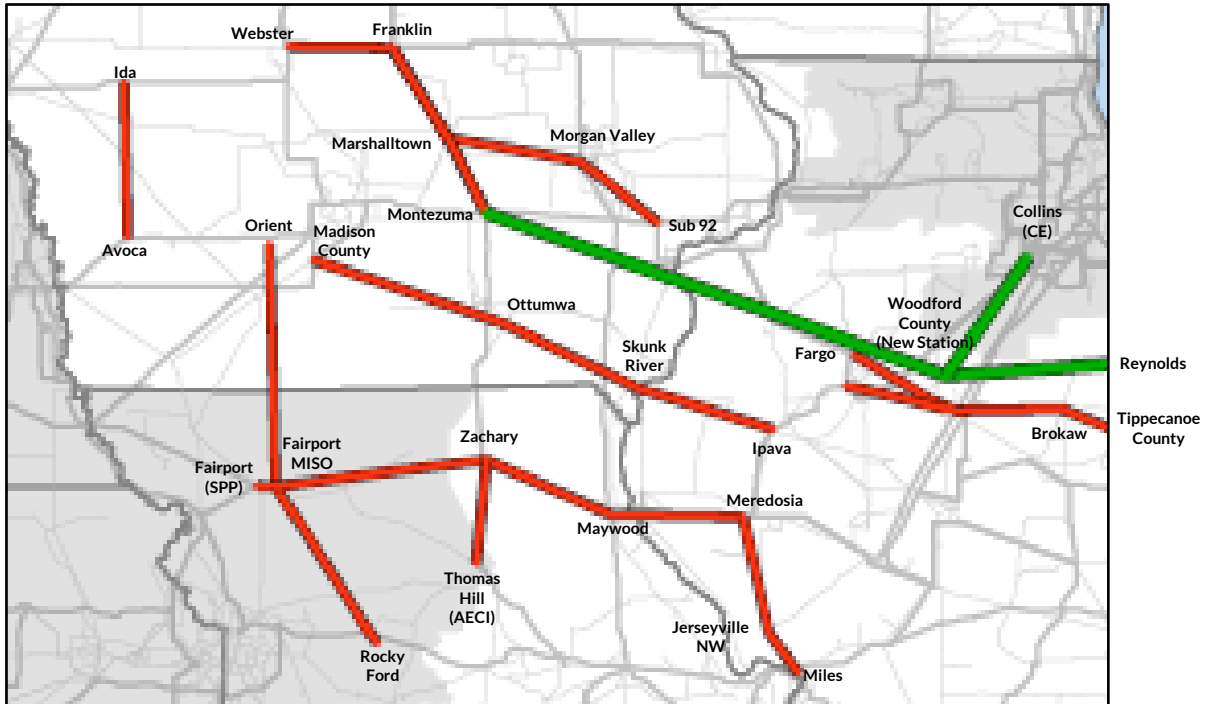
Roadmap provides an initial set of possible solutions, similar to annual process where TO's provide potential solutions and MISO compares to issues, seeks alternatives, and selects solutions



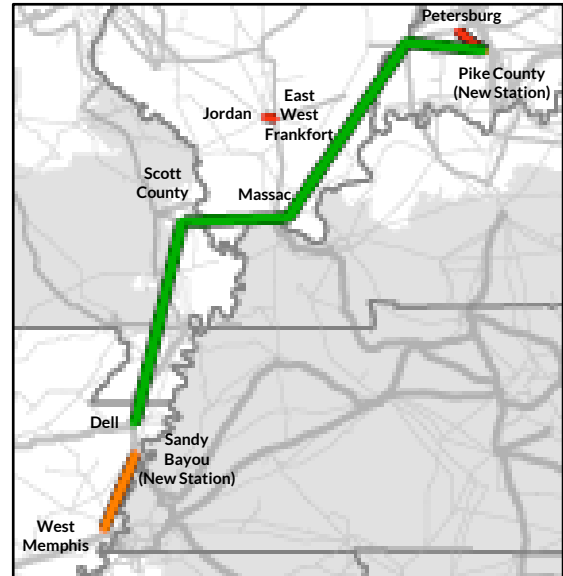
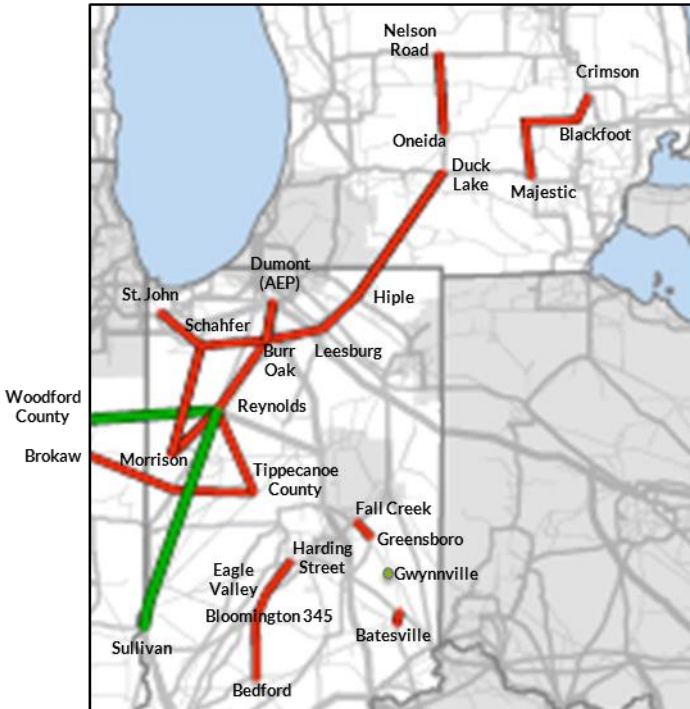
# Indicative Roadmap – North



# Indicative Roadmap – IA, IL, MO



# Indicative Roadmap – IN, MI, Southern IL





# Indicative Roadmap – South

