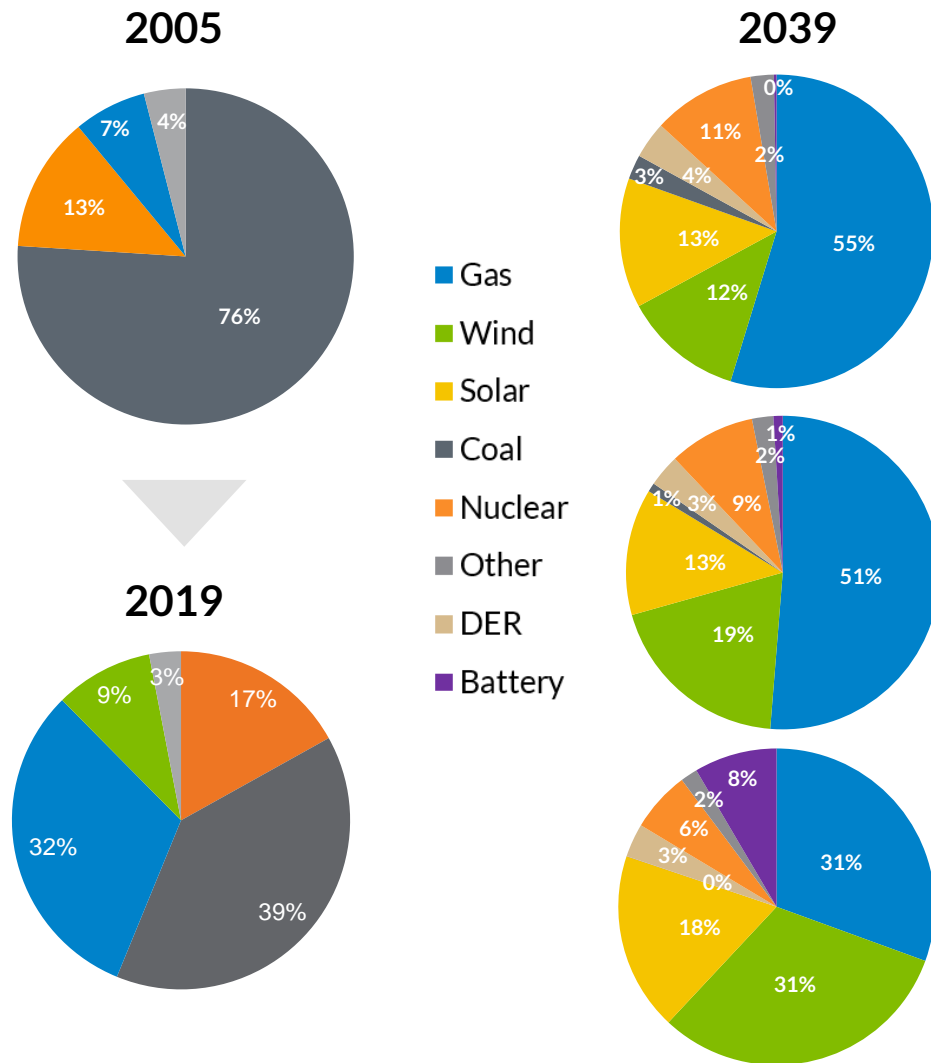




NASUCA Transmission Panel

Jennifer Curran
June 14, 2021

Energy projections for Futures are forecasted through 2039



MISO Future Scenarios¹

Future 1

- Footprint develops in line with 100% of utility IRPs and 85% of utility/state announcements, etc.
- Emissions decline as an outcome of utility plans
- Load growth consistent with trends

Future 2

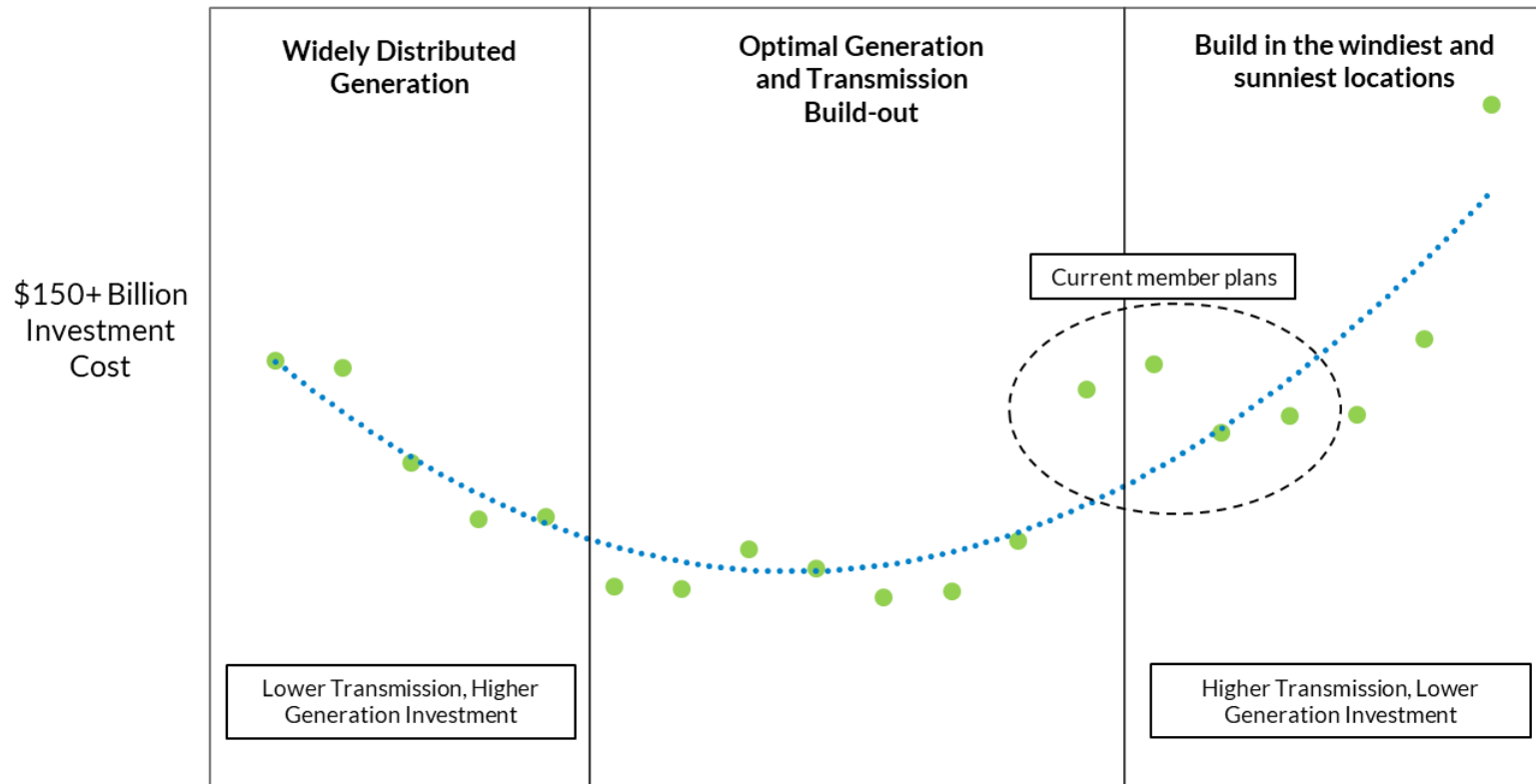
- Companies/states meet their goals, mandates, etc.
- Footprint-wide CER² of 60% by 2040
- Energy increases 30% footprint-wide by 2040, driven by electrification

Future 3

- Changing federal and state policies support footprint-wide CER of 80% by 2040
- Increased electrification drives a footprint-wide 50% increase in energy by 2040

Transmission needs, overall transmission costs and generation costs can change based on where renewables are sourced, but planned generation costs will far outweigh transmission costs in any case

Total MISO Projected Generation and Transmission Cost



MISO's projected scope of transmission expansion needs is reflected in the initial roadmap for Future 1; the Future 1 roadmap also serves as the starting point for the potential transmission needs in Futures 2 and 3

