--- MISO Roadmap ---

| MARKET REDEFINITION INITIATIVES | | | 2024 | | | 20 | 25 | |
|--|----|----|------------|----|----|----------|----------|----|
| Uncertainty & Variability | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| Resource Adequacy - Risk Model, Mitigation and Accreditation | | | | | | | | |
| Market Price Alignment During Scarcity | | | | | | | | |
| Resource Models & Capabilities | | | | | | | | |
| Ensure Sufficient Attributes | | | | | | | | |
| Implement Distributed Energy Aggregated Resources (DEAR) | | | | | | | | |
| Demand Response Participation | | | | | | | | |
| Identifying Locational Needs | | | | | | | | |
| Effective Congestion Hedging | | | | | | | | |
| Deliverability of More Flexible, Quick Ramping Market Products | | | | | | | | |
| Enhance Coordination | | | | | | | | |
| Transmission Capability | | | | | | | | |
| Information to Aid Market Decisions | | | | | | | | |
| Bulk Seams Efficiency | | | | | | | | |
| OPERATIONS OF THE FUTURE INITIATIVES | | | 2024 | | | 20 | 25 | |
| Operations Preparedness | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| Enable Robust Simulation Environment | | | | | | | | |
| Operations Planning | | | | | | | | |
| More Frequent Model Changes | | | | | | | | |
| Align Operational Planning Processes | | | | | | | | |
| Uncertainty & Variability | | | | | | | | |
| Quantify Net Uncertainty | | | | | | | | |
| Situational Awareness & Critical Communication | | | | | | | | |
| Increase Operator Situational Awareness & Visualization | | | | | | | | |
| Maximize Operator Decision-Making Consistency and Efficiency | | | | | | | | |
| Modernize Control Room Critical Communications | | | | | | | | |
| | | | | | | | | |
| Operational Continuity | | | | | | | | |
| TRANSMISSION EVOLUTION INITIATIVES | | | 2024 | | | 20 | 25 | |
| Long Range & Interregional Transmission Planning | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| LRTP Tranche 1: Midwest Least Regrets | | | | | | | | |
| LRTP Tranche 2: Midwest Continued Progression | | | | | | | | |
| LRTP Tranche 3: South Region | | | | | | | | |
| LRTP Tranche 4: Midwest/South Interconnection | | | | | | | | |
| Enhance Joint Transmission Planning with Seams Partners | | | | | | | | |
| | | | | | | | | |
| Explore New Sustainable Cost Allocation Mechanisms to Fit Future Transmission Needs | | | | | | | | |
| Explore New Sustainable Cost Allocation Mechanisms to Fit Future Transmission Needs Planning Transformation | | | | | | | | |
| | | | | | | | | |
| Planning Transformation | | | | | | | | |
| Planning Transformation Evolve Planning Tools for Resource Transition | | | | | | | | |
| Planning Transformation Evolve Planning Tools for Resource Transition Enhance System Resiliency and Robustness | | | | | | | | |
| Planning Transformation Evolve Planning Tools for Resource Transition Enhance System Resiliency and Robustness Integrate Planning Model Data (Model Manager Phase 3) | | | | | | | | |
| Planning Transformation Evolve Planning Tools for Resource Transition Enhance System Resiliency and Robustness Integrate Planning Model Data (Model Manager Phase 3) Resource Utilization | | | | | | | | |
| Planning Transformation Evolve Planning Tools for Resource Transition Enhance System Resiliency and Robustness Integrate Planning Model Data (Model Manager Phase 3) Resource Utilization Streamline Resource Interconnection by Implementing Queue Reforms and Order 2023 | | | 2024 | | | 200 | 25 | |
| Planning Transformation Evolve Planning Tools for Resource Transition Enhance System Resiliency and Robustness Integrate Planning Model Data (Model Manager Phase 3) Resource Utilization Streamline Resource Interconnection by Implementing Queue Reforms and Order 2023 Enhance Visibility into Expected Commercial Operation Dates of New Generation Resources SYSTEM ENHANCEMENTS INITIATIVES | 01 | 02 | | 04 | 01 | | | 04 |
| Planning Transformation Evolve Planning Tools for Resource Transition Enhance System Resiliency and Robustness Integrate Planning Model Data (Model Manager Phase 3) Resource Utilization Streamline Resource Interconnection by Implementing Queue Reforms and Order 2023 Enhance Visibility into Expected Commercial Operation Dates of New Generation Resources | Q1 | Q2 | 2024 Q3 | Q4 | Q1 | 20 Q2 | 25 Q3 | Q4 |
| Planning Transformation Evolve Planning Tools for Resource Transition Enhance System Resiliency and Robustness Integrate Planning Model Data (Model Manager Phase 3) Resource Utilization Streamline Resource Interconnection by Implementing Queue Reforms and Order 2023 Enhance Visibility into Expected Commercial Operation Dates of New Generation Resources SYSTEM ENHANCEMENTS INITIATIVES Market System Enhancements | Q1 | Q2 | | Q4 | Q1 | | | Q4 |
| Planning Transformation Evolve Planning Tools for Resource Transition Enhance System Resiliency and Robustness Integrate Planning Model Data (Model Manager Phase 3) Resource Utilization Streamline Resource Interconnection by Implementing Queue Reforms and Order 2023 Enhance Visibility into Expected Commercial Operation Dates of New Generation Resources SYSTEM ENHANCEMENTS INITIATIVES Market System Enhancements Next Generation Market System | Q1 | Q2 | | Q4 | Q1 | | | Q4 |
| Planning Transformation Evolve Planning Tools for Resource Transition Enhance System Resiliency and Robustness Integrate Planning Model Data (Model Manager Phase 3) Resource Utilization Streamline Resource Interconnection by Implementing Queue Reforms and Order 2023 Enhance Visibility into Expected Commercial Operation Dates of New Generation Resources SYSTEM ENHANCEMENTS INITIATIVES Market System Enhancements Next Generation Market System Work Anywhere | Q1 | Q2 | | Q4 | Q1 | | | Q4 |
| Planning Transformation Evolve Planning Tools for Resource Transition Enhance System Resiliency and Robustness Integrate Planning Model Data (Model Manager Phase 3) Resource Utilization Streamline Resource Interconnection by Implementing Queue Reforms and Order 2023 Enhance Visibility into Expected Commercial Operation Dates of New Generation Resources SYSTEM ENHANCEMENTS INITIATIVES Market System Enhancements Next Generation Market System Work Anywhere Flexible Work Environment | Q1 | Q2 | | Q4 | Q1 | | | Q4 |
| Planning Transformation Evolve Planning Tools for Resource Transition Enhance System Resiliency and Robustness Integrate Planning Model Data (Model Manager Phase 3) Resource Utilization Streamline Resource Interconnection by Implementing Queue Reforms and Order 2023 Enhance Visibility into Expected Commercial Operation Dates of New Generation Resources SYSTEM ENHANCEMENTS INITIATIVES Market System Enhancements Next Generation Market System Work Anywhere Flexible Work Environment Hybrid Cloud Capability Business Continuity Security of the Future | Q1 | Q2 | | Q4 | Q1 | | | Q4 |
| Planning Transformation Evolve Planning Tools for Resource Transition Enhance System Resiliency and Robustness Integrate Planning Model Data (Model Manager Phase 3) Resource Utilization Streamline Resource Interconnection by Implementing Queue Reforms and Order 2023 Enhance Visibility into Expected Commercial Operation Dates of New Generation Resources SYSTEM ENHANCEMENTS INITIATIVES Market System Enhancements Next Generation Market System Work Anywhere Flexible Work Environment Hybrid Cloud Capability Business Continuity | Q1 | Q2 | | Q4 | Q1 | | | Q4 |
| Planning Transformation Evolve Planning Tools for Resource Transition Enhance System Resiliency and Robustness Integrate Planning Model Data (Model Manager Phase 3) Resource Utilization Streamline Resource Interconnection by Implementing Queue Reforms and Order 2023 Enhance Visibility into Expected Commercial Operation Dates of New Generation Resources SYSTEM ENHANCEMENTS INITIATIVES Market System Enhancements Next Generation Market System Work Anywhere Flexible Work Environment Hybrid Cloud Capability Business Continuity Security of the Future | Q1 | Q2 | | Q4 | Q1 | | | Q4 |
| Planning Transformation Evolve Planning Tools for Resource Transition Enhance System Resiliency and Robustness Integrate Planning Model Data (Model Manager Phase 3) Resource Utilization Streamline Resource Interconnection by Implementing Queue Reforms and Order 2023 Enhance Visibility into Expected Commercial Operation Dates of New Generation Resources SYSTEM ENHANCEMENTS INITIATIVES Market System Enhancements Next Generation Market System Work Anywhere Flexible Work Environment Hybrid Cloud Capability Business Continuity Security of the Future Identify, Protect Against, and Detect Advanced Threats | Q1 | Q2 | | Q4 | Q1 | | | Q4 |
| Planning Transformation Evolve Planning Tools for Resource Transition Enhance System Resiliency and Robustness Integrate Planning Model Data (Model Manager Phase 3) Resource Utilization Streamline Resource Interconnection by Implementing Queue Reforms and Order 2023 Enhance Visibility into Expected Commercial Operation Dates of New Generation Resources SYSTEM ENHANCEMENTS INITIATIVES Market System Enhancements Next Generation Market System Work Anywhere Flexible Work Environment Hybrid Cloud Capability Business Continuity Security of the Future Identify, Protect Against, and Detect Advanced Threats Improve Identity and Access Management Practices | Q1 | Q2 | | Q4 | Q1 | | | Q4 |
| Planning Transformation Evolve Planning Tools for Resource Transition Enhance System Resiliency and Robustness Integrate Planning Model Data (Model Manager Phase 3) Resource Utilization Streamline Resource Interconnection by Implementing Queue Reforms and Order 2023 Enhance Visibility into Expected Commercial Operation Dates of New Generation Resources SYSTEM ENHANCEMENTS INITIATIVES Market System Enhancements Next Generation Market System Work Anywhere Flexible Work Environment Hybrid Cloud Capability Business Continuity Security of the Future Identify, Protect Against, and Detect Advanced Threats Improve Identity and Access Management Practices Data & Analytics | Q1 | Q2 | | Q4 | Q1 | | | Q4 |