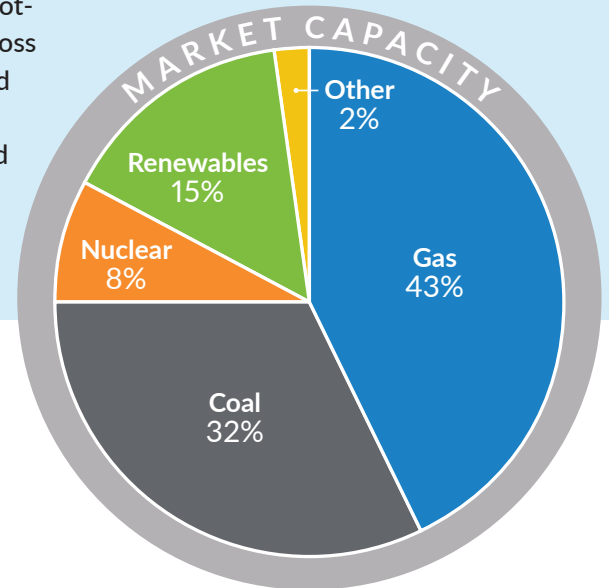


**Midcontinent Independent System Operator (MISO)** is an independent, not-for-profit organization that delivers safe, cost-effective electric power across 15 U.S. states and the Canadian province of Manitoba. MISO is committed to reliability, nondiscriminatory operation of the bulk power transmission system and collaborating with all stakeholders to create cost-effective and innovative solutions for our changing industry. MISO operates one of the world's largest energy markets with more than \$29 billion in annual gross market energy transactions.



## SCOPE OF OPERATIONS

### Generation Capacity

- 175,528 MW (market)
- 190,432 MW (reliability)

### Historic Summer Peak Load (set July 20, 2011)

- 127,125 MW (market)
- 130,917 MW (reliability)

### Historic Winter Peak Load (set January 6, 2014)

- 109,336 MW (market)
- 117,903 MW (reliability)

### Transmission

- 71,800 miles

### Balancing Authorities

- 37 Local Balancing Authorities in MISO

### Network Model

- 293,832 SCADA data points
- 6,624 generating units

Registered Wind Generation Capacity	20,447 MW
Registered In-Service Wind Generation Capacity	19,086 MW
Registered Solar Generation Capacity	314 MW
Registered In-Service Solar Generation Capacity	314 MW

## MARKETS OVERVIEW

MISO manages one of the world's largest energy and operating reserves markets using security-constrained economic dispatch of generation.

The Energy and Operating Reserves Market includes a Day-Ahead Market, a Real-Time Market, and a Financial Transmission Rights (FTR) market. These markets are operated and settled separately.

- \$29.9 billion annual gross market charges (2018)
- 471 Market Participants who serve ~42 million people

## TRANSMISSION EXPANSION PLANNING

- 442 approved new projects in MTEP18, representing \$3.3 billion investment and 5,900 miles of new or upgraded line transmission

## MEMBERSHIP

- 51 Transmission Owners
- 135 Non-transmission Owners

## CONTACT US

### MISO Central Region & Corporate Headquarters

720 City Center Drive  
Carmel, IN 46032  
866-296-6476 | 317-249-5400

### MISO North Region

2985 Ames Crossing Road  
Eagan, MN 55121

### MISO South Region

1700 Centerview Drive  
Little Rock, AR 72211

### MISO South Region Transmission Planning

3850 N. Causeway Blvd.  
Two Lakeway, Suite 442  
Metairie, LA 70002