

Illinois' Transmission Future

PJM | MISO | Merchant

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Background on Wind on the Wires

Non-profit Advocacy Organization launched in 2001 to overcome the barriers to bringing wind energy to market in the Midwest.

Members include non-profit environmental organizations, tribal representatives, farm groups, wind developers and manufacturers, American Wind Energy Association, businesses that provide goods and services to the wind industry.

Work in 3 areas:

- **Technical** – work with electric utilities and Midwest Independent System Operator (MISO – regional “grid” operator) on transmission planning for wind, market and operational rules that treat wind fairly
- **Regulatory** – actively participate in cases where states are approving new transmission lines that will deliver wind energy and other dockets that affect wind development
- **State Policy education/outreach/advocacy** – work with governors, state regulators, legislators, local elected officials, regional groups, colleague organizations, general public on wind and transmission issues



Illinois Transmission Lines

In development: 2016

PJM Lines

Grand Prairie Gateway

- Byron nuclear plant to Wayne substation (Elgin)
- ComEd project
- PJM reliability, cost efficiency
- Approved, under construction

MISO Multi-Value Project (MVP) Lines

Spoon River

- Galesburg to Peoria
- Ameren/MidAm project
- Approved, under construction

Illinois Rivers

- Mississippi River to Indiana border
- Ameren project
- Approved, under construction

Illinois Transmission Lines

In development: 2016

DC Merchant Transmission

- Connects wind resource to power demand
- Point-to-point transmission: lower line loss
- Merchant developer (non-utility)

Grain Belt Clean Line

- 780-mile line:
- Western Kansas near through MO and IL into the PJM system on the IN border
- Approved by ICC, under appeal in the courts
- Not approved in MO, approved in IA, KS

Rock Island Clean Line

- Western IA/NB border to Grundy Co, Illinois
- Approved by ICC, under appeal in the courts
- Not approved in IA

Carpe Ventum!

- Seize the Wind -

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Wind on the Wires

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