



Americans for a Clean Energy Grid

New Study Finds Wind Power Can Save Midwestern Consumers Approximately \$3.0 - \$9.5 Billion Annually by 2020

New analysis from Synapse Energy Economics finds that typical households would save approximately \$65 - \$200 per year if more wind were added to the power mix; savings far exceed the costs of new transmission to tap that wind power

Huge Savings From Wind

Adding more wind generation resources to the electric grid could reduce market prices by more than 25% in the Midwest ISO region by 2020, according to a study performed by Synapse Energy Economics and released by Americans for Clean Energy Grid. Consumer savings are likely to be very significant, and far exceed the necessary incremental transmission investments to tap that wind power.

Additional Transmission is Needed

In order to efficiently operate wind turbines that produce lower-priced power, the Midwest must invest in transmission infrastructure to move this electricity from where it is produced to where it is used. Synapse Energy Economics found that building out the transmission system will have a small impact on retail rates – i.e., an increase of approximately **0.1 to 0.5 cents per kilowatt-hour by 2021, but the modest increase would be dramatically offset by the greater price savings** achieved from adding wind generation to the electric system.

About Americans for a Clean Energy Grid

Americans for a Clean Energy Grid (ACEG), a project of the Energy Future Coalition, brings together diverse stakeholders to support policies to improve the way in which the electric grid is developed, planned, and financed, with the aim of ensuring our nation has a more robust, reliable, and secure network that supports the expansion of clean energy, competitive power markets, energy efficiency, and 21st-century technologies, and helps lower costs for consumers.

Study Highlights:

- The more wind you add to the grid, the lower the wholesale price of power.
- Transmission investments needed to facilitate additional generation are dramatically offset by savings from wind generation.
- Annual net savings for MISO customers are projected to range from \$3.0 to \$9.5 billion.
- The average Midwestern household would save approximately \$65 to \$200 annually.
- Wind power can drive down MISO's wholesale price of power between \$3 and \$10 per MWh in the near term and up to nearly \$50 per MWh by 2030.

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