

Energy Prices in Illinois



Energy prices are at

[Industry Data - LCG Consulting :: EnergyOnline](#)

Let's focus on MISO

(https://en.wikipedia.org/wiki/Midcontinent_Independent_System_Operator, which contains Illinois) prices. Let's try to predict energy market¹ prices based on forecasted information. This might help optimize energy usage.

Label:

- Actual Energy Price
(<http://www.energyonline.com/Data/GenericData.aspx?DataId=8&MISO> [Actual Energy Price](#)) for ILLINOIS.HUB

Features:

- Forecasted Load
- Day Ahead Energy Price
- Day of Week
- Hour of Day
- Month
- Energy prices in surrounding states
- Predicted weather, at <https://www.ncei.noaa.gov/products/weather-climate-models/national-digital-forecast-database>

Try using a Recurrent Neural Network

¹ https://en.wikipedia.org/wiki/Energy_market#:~:text=Energy%20 markets%20are%20national%20and,to%20other%20sources%20of%20energy