

**Energy Prices in Illinois**

Energy prices are at

[Industry Data - LCG Consulting :: EnergyOnline](http://www.energyonline.com/Data/Default.aspx)

Let’s focus on MISO (<https://en.wikipedia.org/wiki/Midcontinent_Independent_System_Operator>, which contains Illinois) prices. Let’s try to predict energy market[[1]](#footnote-0) 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%20 national%20and,to%20other%20sources%20of%20energy](https://en.wikipedia.org/wiki/Energy_market#:~:text=Energy%20markets%20are%20national%20and,to%20other%20sources%20of%20energy) [↑](#footnote-ref-0)