Dear applicant

There are two files in this folder, training\_set and test\_set.

1. Training set contains almost one year of historical electricity market data presented through multiple features from column B:L. The target column contains electricity prices per hour.
2. Test set contains all features for four days and target value is not given.

Different features are given to you and some of them are given by an external source and some are artificially calculated by our data processing module.

The goal is designing two AI models, one deep model and one ensemble model, based on training data and predicting target values during the test set.

Feel free to do:

1. A data analysis process over the data set to investigate how useful are different features.
2. You always can create new features and add it to the data set or remove existing ones from the data set.
3. The internal model architecture, parameters and fine tuning process, are your choices.

What you need to deliver:

1. Propose your data exploration and feature engineering methods.
2. Propose your model design and fine tuning process.
3. Provide forecasted values for the test set.

Please don’t hesitate to ask any question.

Good luck,

Hamed.