Net Load Forecasting

Our proposed model will utilize a deep learning methodology that incorporates a combination of linear regression ensemble tree models and long short-term memory (LSTM) networks.

Additionally, we intend to evaluate the efficacy of other cutting-edge time series forecasting techniques, provided that sufficient time is available for such exploration.

Our model will consider both weather and calendar data, which have been found to be important factors in net load forecasting.

We will validate our model using a rolling k-folds cross-validation approach.

We aim to make our model scalable and extensible so that it can be easily and efficiently adapted to other regions with differing characteristics.

Tropical Burst