ASSESSMENT

The data is a structured dataset pulled from sensors which are attached to power supply systems (Generators, Electricity Grid) with a few important features that can be used to predict FF for energy monitoring.

Where FF = System kW

EE = Power Source

Every other feature is also a sensor reading.

In the data file you are given 3 sheets which are:

**Data**: This comprises of the dataset you would be working with in training a model

**Required**: You are expected to predict the **FF** for the dates placed in this sheet.

**Submission**: This is a sample of how your final submission is expected.

Few Questions to answer?

1. What power source (EE) is mostly used?

2. Around what time of the day does FF seem to be very high, a visual plot for this should also be implemented.

3. What features seem to be most important for your predictive model and which ones seem to be the least important.

4. On average, how many hours are the generator and grid available per day?

Note: Use any plot of your choice where needed for the above questions

**What are we looking for?**

This assessment is not based on accuracy but for skill testing and to have a good feel of your analytical skills and thought process during problem solving. We encourage you to try to attempt this task however you can.

The questions supplied above may be answered in any order you desire to.

**Requirements**

* Preferably a jupyter notebook should be used in carrying out this task, to enable neat documentation of workflows.
* You are to submit both the written script and your predicted data for review.
* Feel free to ask questions if any of these tasks are unclear.