All the data is from March 2015 to March 2020. Missing data was not addressed to let the team that will work on the project find a way to use the data (all from public sources). Here is the description of the data (data is weekly averages):

* **Column A**: Date (week ending). A week is from Monday to Sunday.
* **Column B**: HOEP (Hourly Ontario Energy Price). This is the realized variable for the price. This is the variable that we are trying to predict.
* **Column C to Column N**: This is the peak forecast in MW (Megawatts) for the week per region in the Ontario province. Peak forecast is the hour with the most demand in the week. Column M is the total for the Ontario (sum of column c to column l). Column N is the uncertainty in MW related to the forecast.
* **Column O to Column Y:** Same as column C to N but it is estimated total demand in Gigawatts for the whole week. So instead of the maximum demand of a given hour during the week, It’s a total demand for the week. Gigawatts = MW x 1000
* **Column Z to Column AA:** Column Z is the normal for the peak temperatures in Celsius degrees in the past and column AA is the normal temperature for the corresponding week in the past.
* **Column AB to Column AD:** This is the forecasts for weekly minimum demand (Highest minimum, median and lowest minimum) for the corresponding week.
* **Column AE to Column AH:** Expected baseload generation from Nuclear, Wind, Hydro and intermittent resources in MW for the corresponding week.
* **Column AI:** This is the total baseload generation in MW, which is the sum of Column AE to Column AH.
* **Column AJ:** Exports, which is energy flowing from the Ontario Market to other regions (NY, Michigan, Manitoba, etc.) in MW
* **Column AK:** Available Nuclear and Wind Dispatch = Expected Flexible Nuclear Output + 90% of Expected Wind Output in MW
* **Column AL:** Baseload Generation after Exports and Nuclear and Wind Dispatch in MW. This is column AI – column AJ – column AK.
* **Column AM, AO and AP:** There is only zeroes here so no need to use.
* **Column AN:** Error in the title of the Data it is Highest Weekly SBG MW Exports and not lowest. The formula is Highest Weekly SBG after Exports = Maximum (0, Baseload- Weekly Minimum Demand - Exports).