



- Aggreko is a global leader in providing reliable, and cost-effective rental power.
- Aggreko is keen in developing a tool to easily analyze its generational assets and how introducing hybrid solutions reduces carbon emissions

### Problem Statement

- Meeting future requirements and policies under future carbon reduction initiatives.
- Quantifying Reliability, fuel cost, efficiency & environmental impact.
- Foundational cradle for data is necessary for future analysis.

## Objectives

- Create & Design carbon reduction calculator, C.E.R.C
- Write script in MATLAB
- Skeleton script should...
  - Determine Fuel savings and approximate Carbon Dioxide emissions saved
  - Filter for data outliers and corrupt data
- Direct & Indirect Methods of measurement for further analysis.







# **Group 5** – Carbon Emission Reduction Calculator C.E.R.C for **Aggreko's Hybrid Solutions**

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