COVID-19 Electricity Demand Analysis

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Summary

Introduction

In the search for developing "fast indicators" to help asses the impact of coronavirus in the UK and the wider economy, electricity demand data has been identified as a candidate due to its correlation to GDP.

The ENTSO-E Transparency Platform hosts a public API that gives access to datasets that record the demand for electricity in the UK and other European countries. Data from the API provided is refreshed continually, in close to real time.

This report investigates the pandemic's effect on electricity demand, and considers how the API could be integrated into an analytical pipeline for monitoring the data daily.

Method

- An overview of the steps you took to prepare and analyse the data

Analysis

- A summary of your main findings, illustrated with effective visualisations

Discussion

- Commentary on any limitations of the dataset and/or your approach, and the steps that could be taken to address these in future

Further Work

- A description of the analytical pipeline you would use to monitor this data daily
- Any questions you would put to the senior manager who has requested the analysis, in order to refine your approach