**Introduction:**

In order to evaluate your ability to analyze electric meter data, we have compiled the following examples of tasks we encounter regularly. Using the attached spreadsheet please provide a clear, thoughtful response to each question. Please limit your written response to half a page for each question.

**1) Raw Meter Data:**

EnerNOC collects around 6 million electric meter readings per day. Accurate meter readings are essential to coach the facility’s participation during demand response dispatches, and calculate dispatch performance. We must be able to analyze meter data quickly and completely.

The “Raw Meter Data” tab of the attached spreadsheet contains meter readings for a facility for the month of December. These readings are collected every 5 minutes.

1. Produce a graph of the data.
2. Identify any erroneous readings.
3. Identify the start and end of the dispatch.

**2) Visual Inspection:**

The Data Quality team visual inspects 100% of our assets following every demand response event. During the visual inspection process we need to identify potential data quality issues and flag them for follow-up.

The “Graphs” tab contains three graphs of meter data. The first two are of EnerNOC meter data while the third is EnerNOC meter data compared against utility meter data for the same facility.

1. Graph 1: identify any potential data quality issues.
2. Graph 2: speculate what could be wrong with the data.
3. Graph 3: speculate why the data does not match.