Outlier detection policy

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Last Update:

## **Scope of Project**

We need an outlier detection algorithm to remove the anomalies in data.

1. **Description**

**Algorithm should remove the facility outliers. Outliers are clear in this facility (data will be provided)**

1. 0<Meter 51 <500, 0<Meter 52 <500. (meter\_summation = 0.084\* (meter\_51+meter\_52) then:
2. Jump for 5 min in meter\_sum is not more than 0.5 MW.
3. Missing data is a flat value. I mean if the data stays more than 1 hour on a single value, that would be missing value.
4. Please replace missing and outliers with proper values (moving average or interpolation)
5. Compare new curve with previous curve (before outlier detection algorithm applying on database)