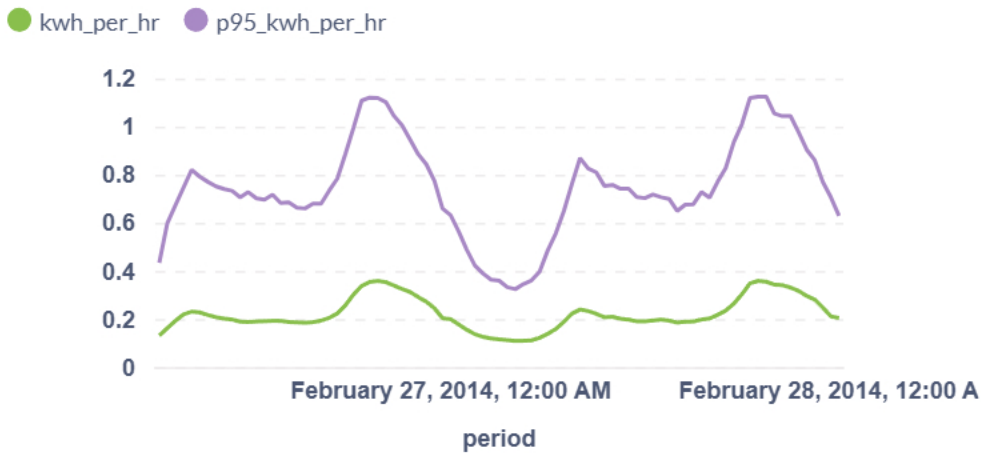


Energy Consumption Trends

Consumption trends from the last 48 hours



Average Usage by acorn-group



Machine Learning: Detected Anomalies

Anomalies today

anomalies 809

1D-Convolved Auto-Encoder Neural Network

Anomalies By Acorn Group

How do the anomalies vary day by day with different weather conditions

- Established Affluence
- Thriving Neighbourhoods
- Steadfast Communities
- Stretched Society
- Luxury Lifestyles



Anomaly Details

acorn_group	reading_id	household_lcl_id	date_time
Thriving Neighbourhoods	475,489,867	MAC004902	February 28, 2014, 12:00 AM
Stretched Society	530,772,685	MAC001092	February 27, 2014, 10:00 AM
Steadfast Communities	521,141,703	MAC004821	February 27, 2014, 8:00 AM
Established Affluence	521,175,012	MAC004822	February 27, 2014, 8:00 AM
Luxury Lifestyles	521,208,172	MAC004825	February 27, 2014, 8:00 AM
Established Affluence	512,216,296	MAC002971	February 27, 2014, 8:00 AM
Established Affluence	512,245,328	MAC002982	February 27, 2014, 8:00 AM
Luxury Lifestyles	535,528,674	MAC005159	February 27, 2014, 7:30 AM