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github.com/gnur

https://snow.nl

This is about my washing machine

13:30 (ETA: 14:46)



14:48 (ETA: 15:03)

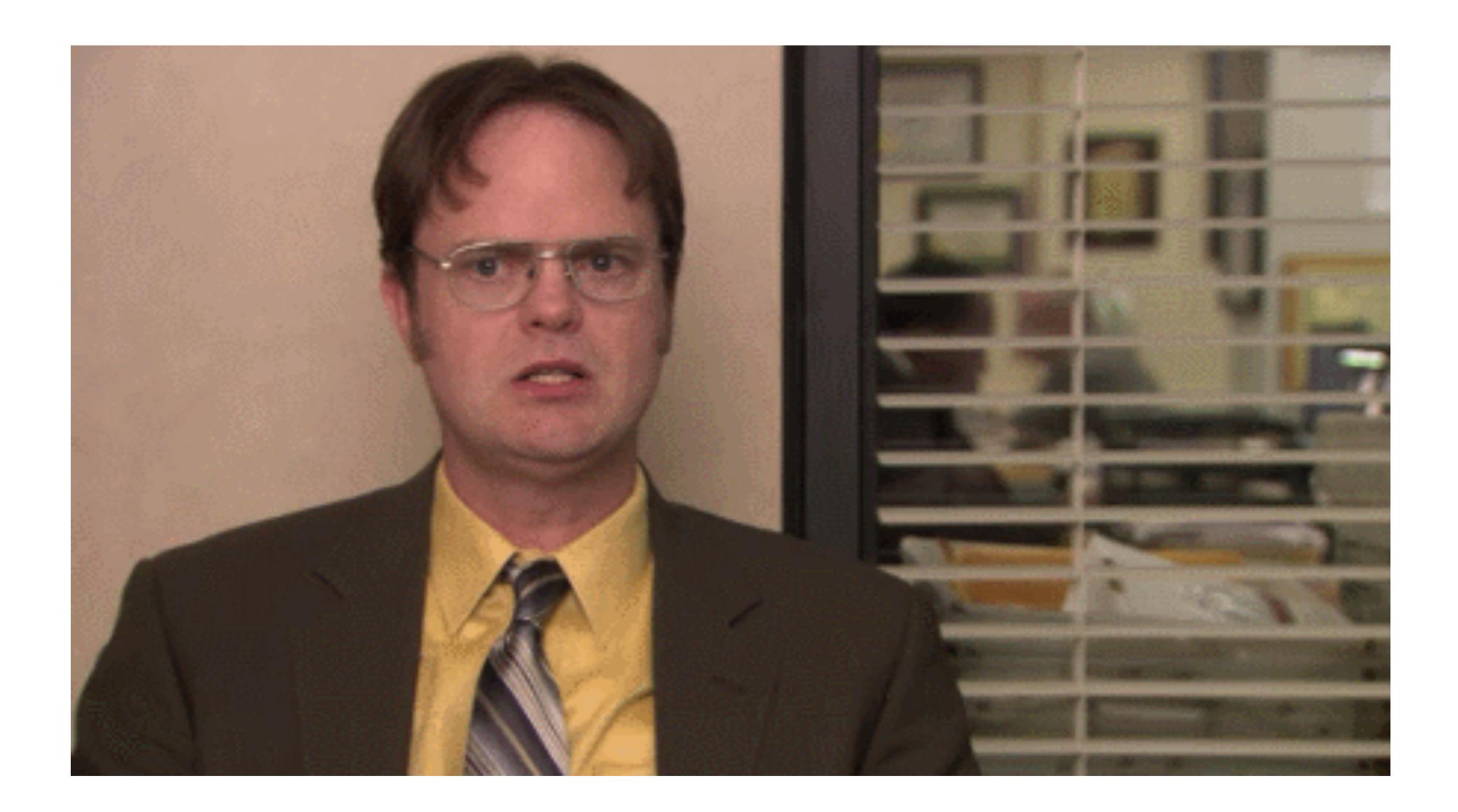


15:04 (ETA: 15:14)



15:23 (ETA: 15:33)

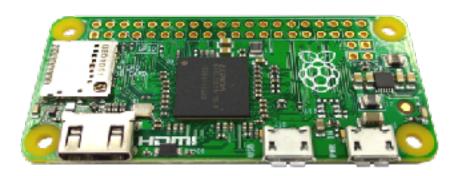


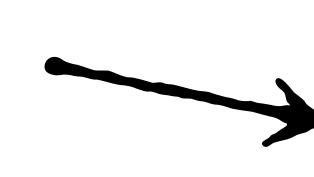


Main quest: get notifications when the washing machine is done

The Setup



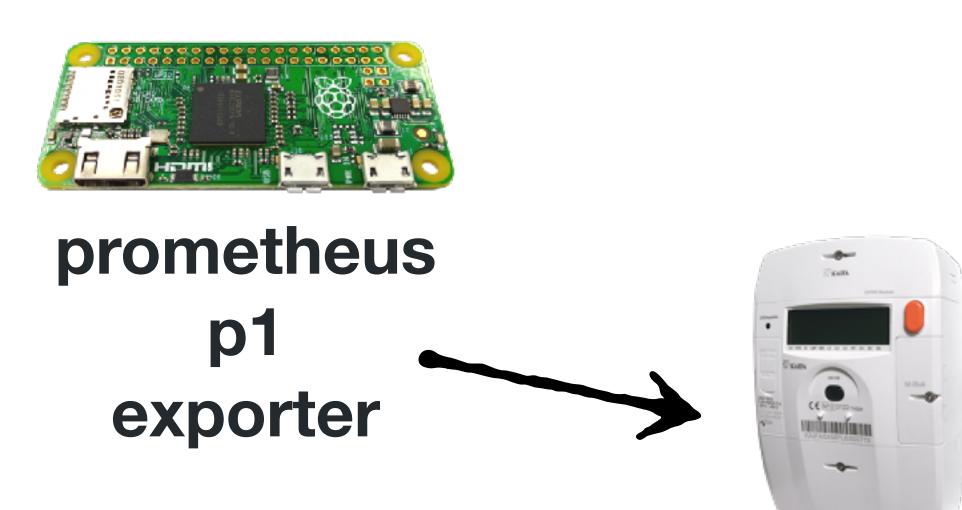




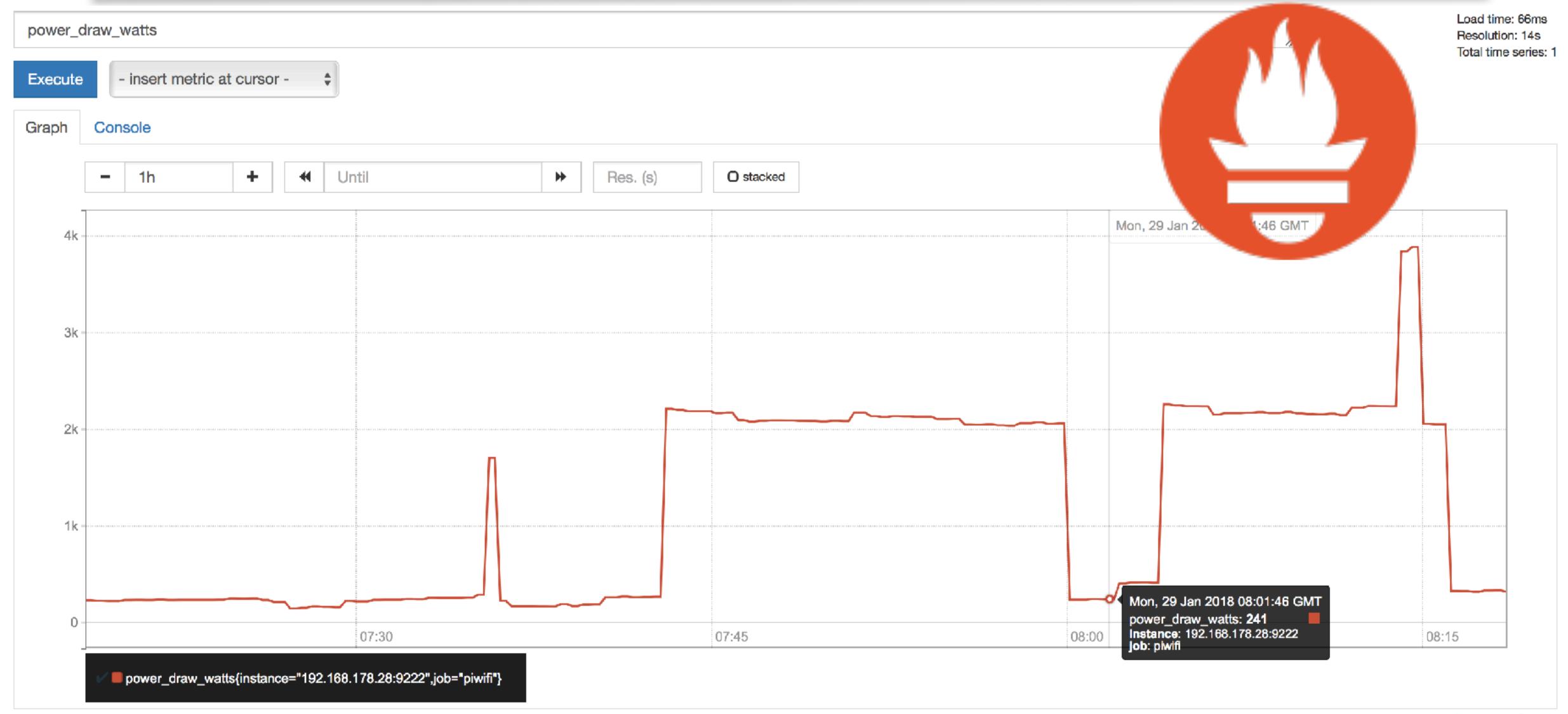


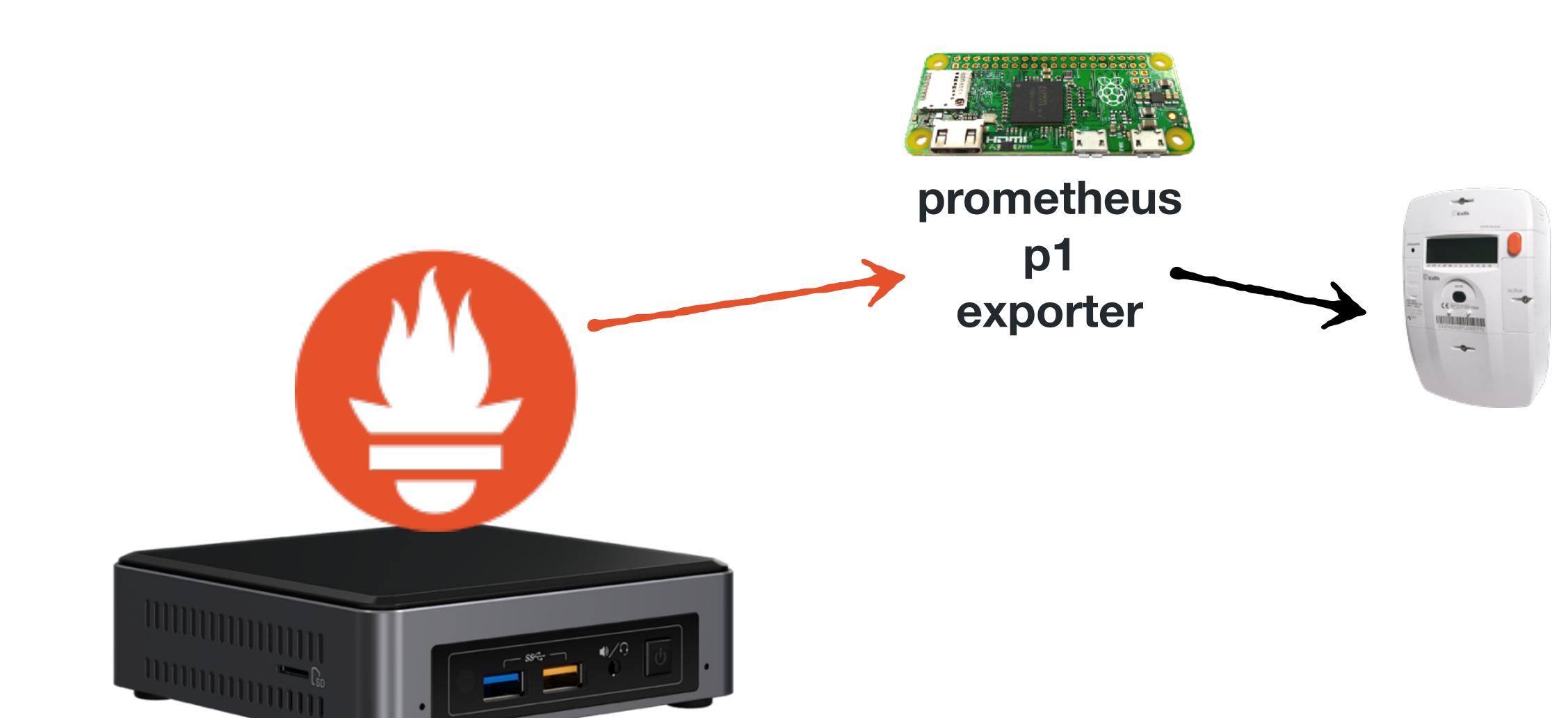
Prometheus-p1-exporter

- Reads /dev/ttyUSB0
- Stores relevant info in global vars
- Exposes these metrics using the promhttp library (official go prometheus library)
- Prometheus scrapes the endpoint

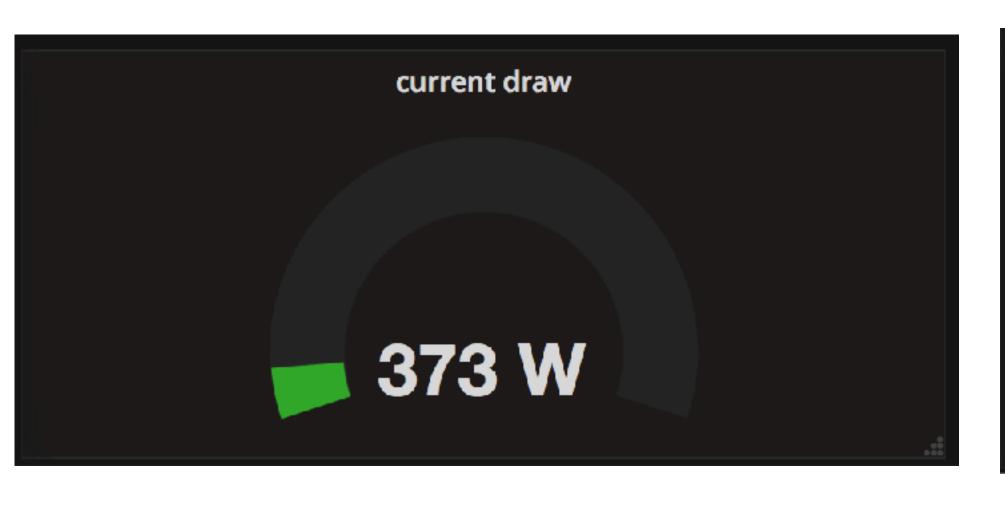


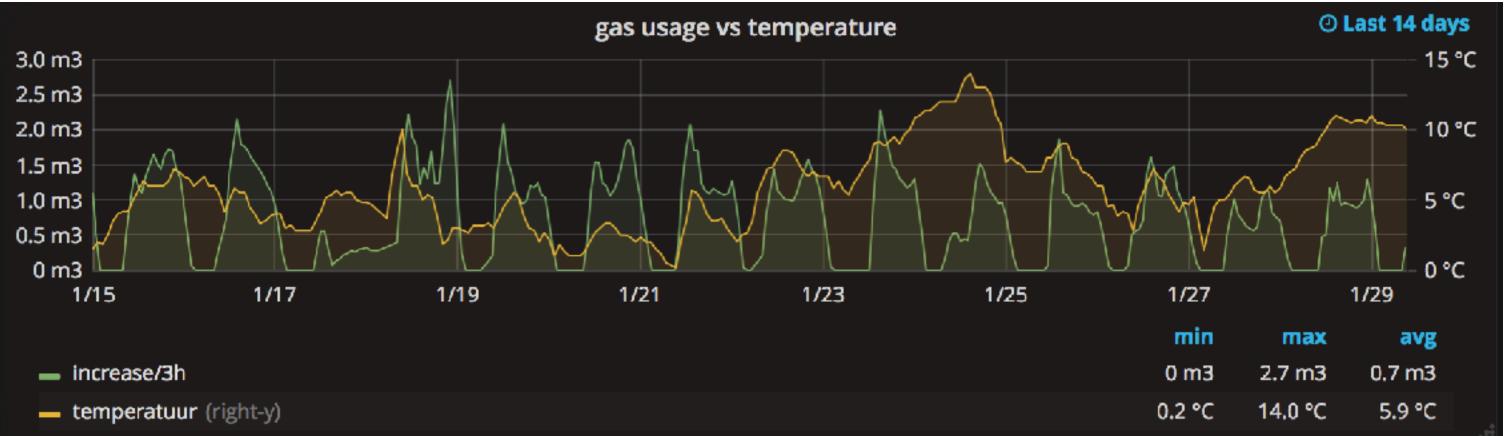
Prometheus

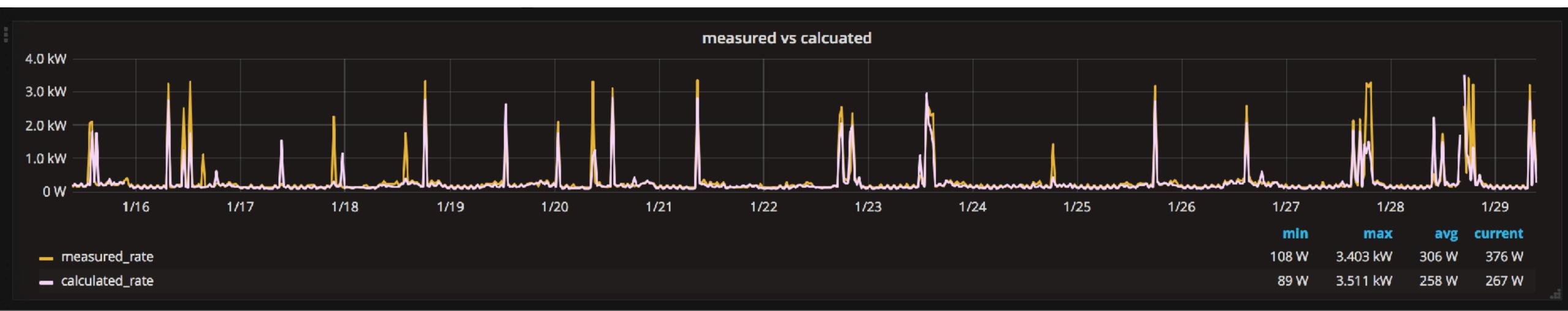


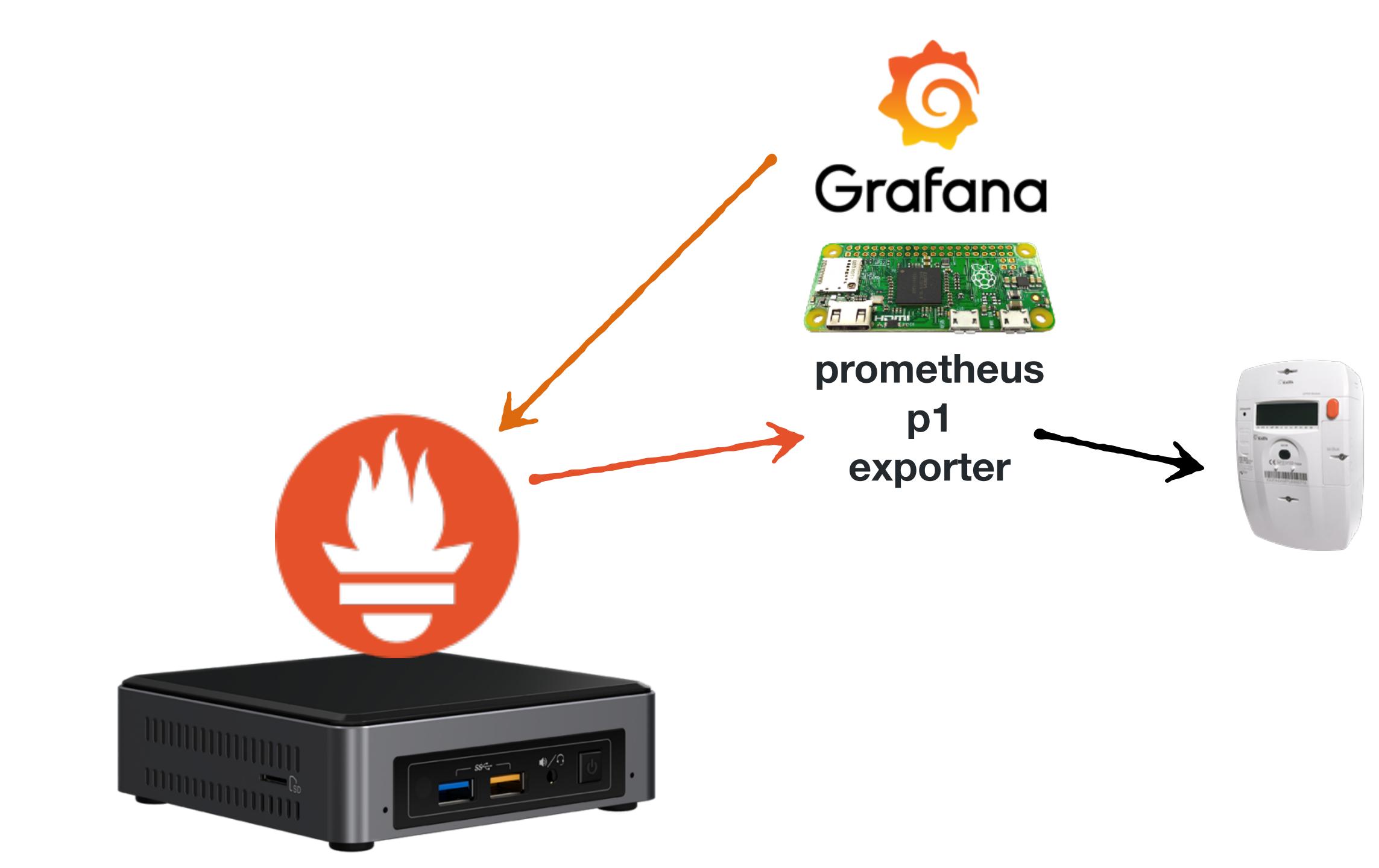


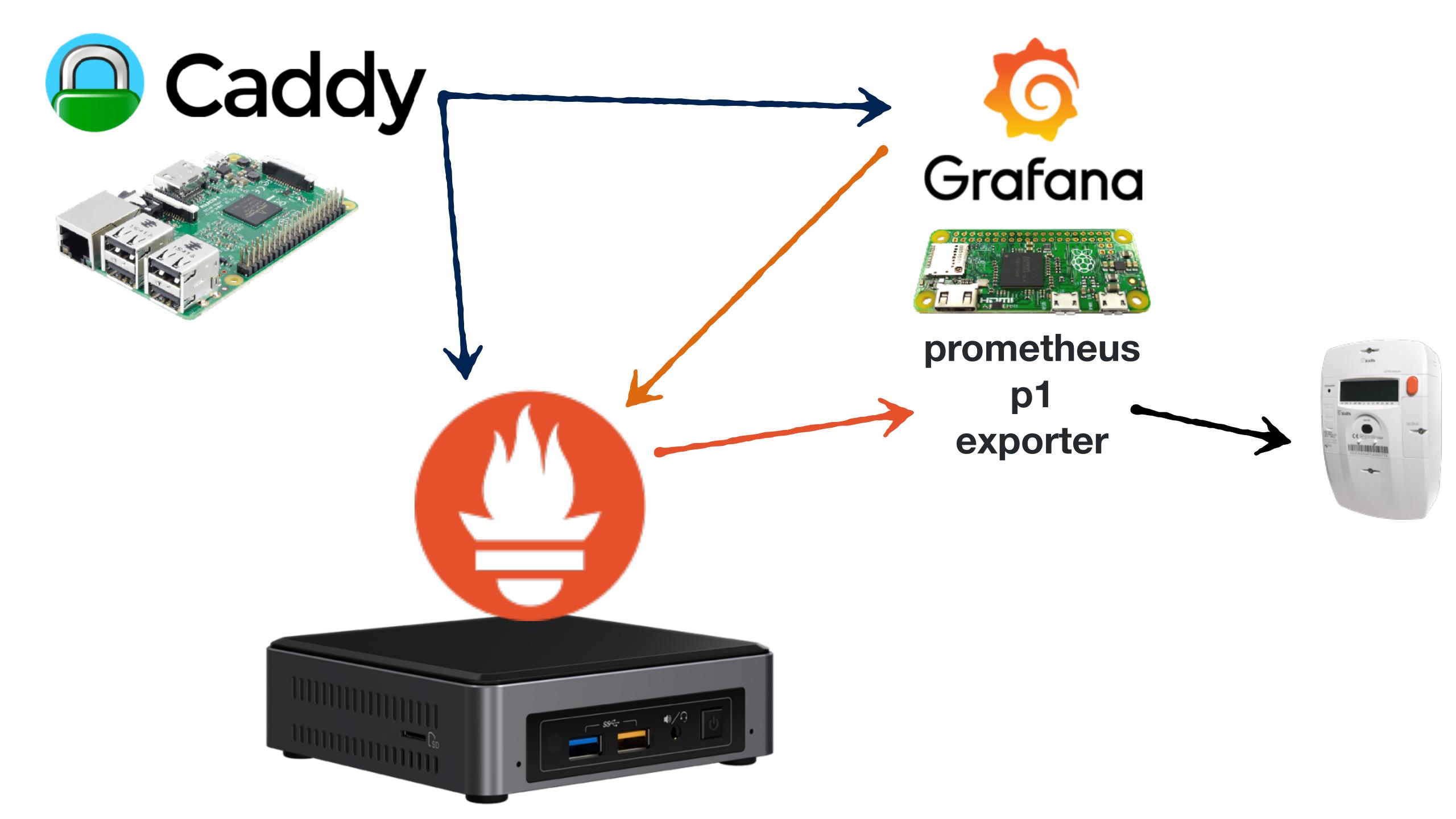
Grafana



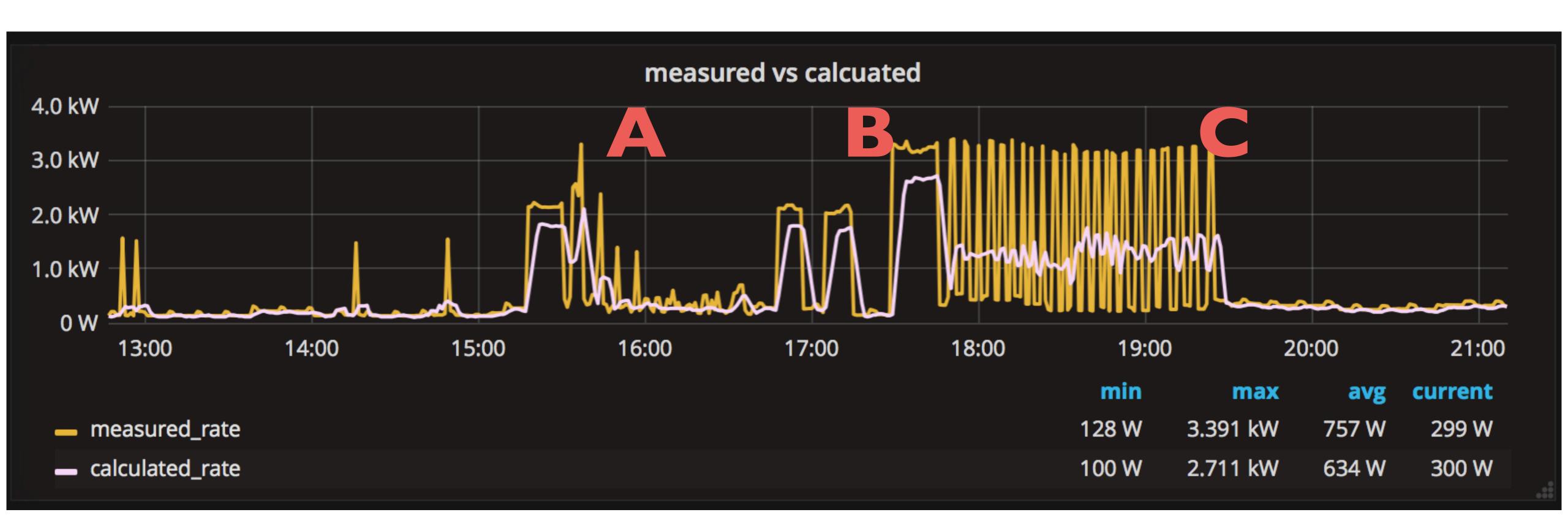




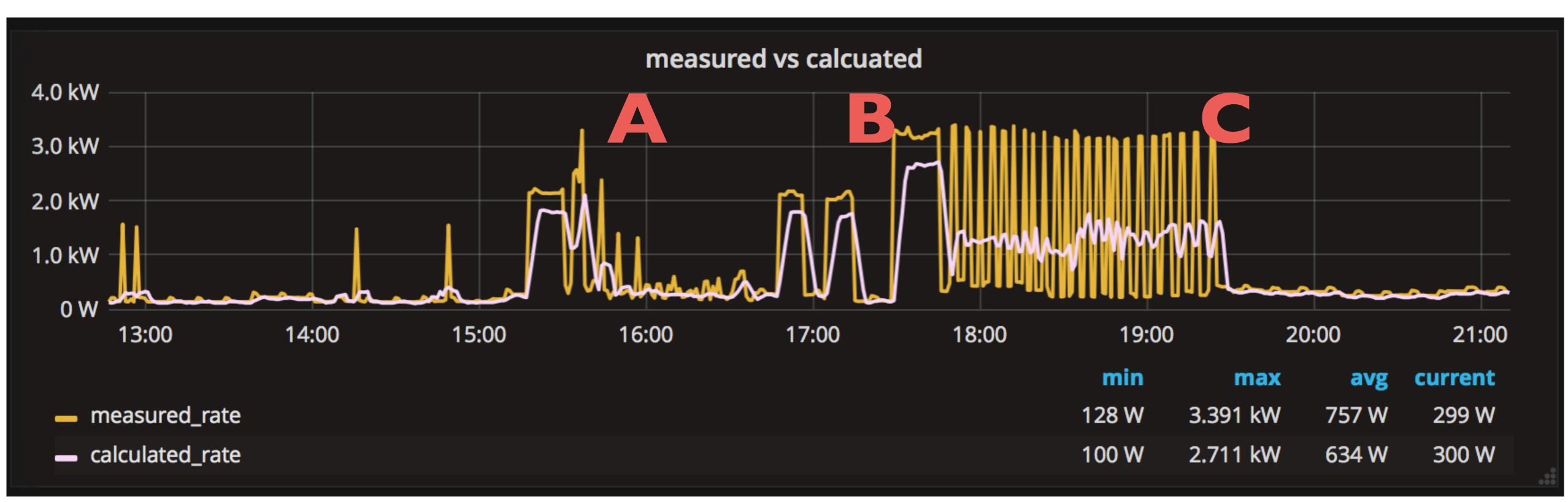




Quiz



Quiz



Washing machine Microwave

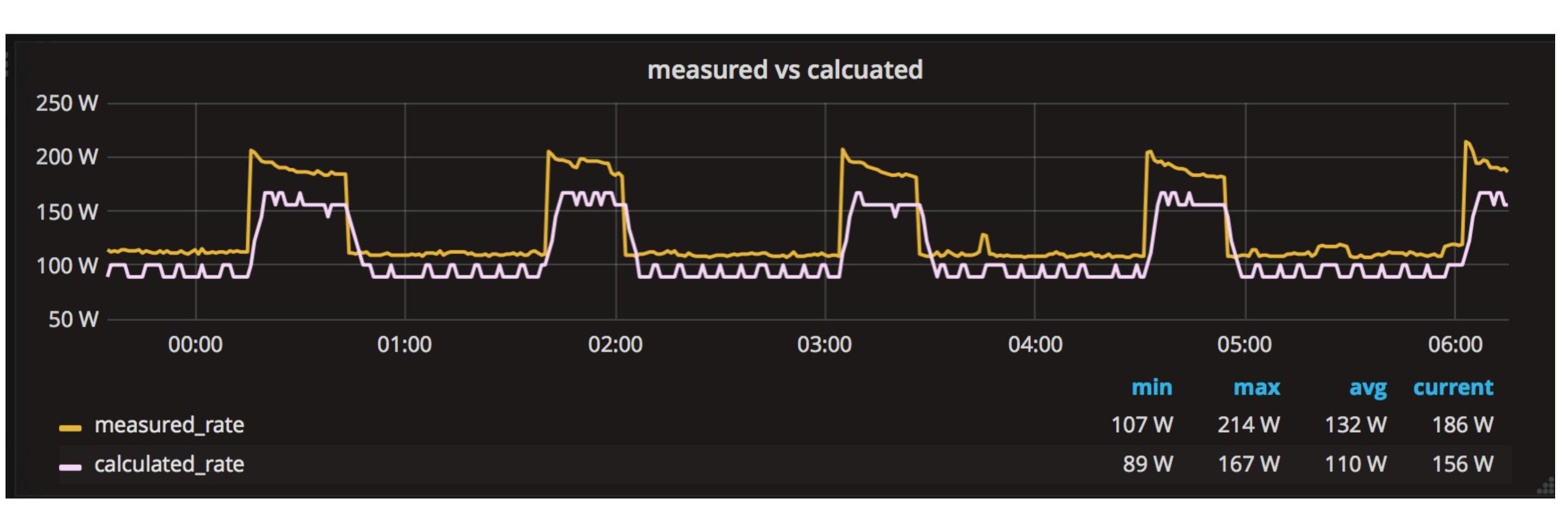
Oven

Main quest: get notifications when the washing machine is done

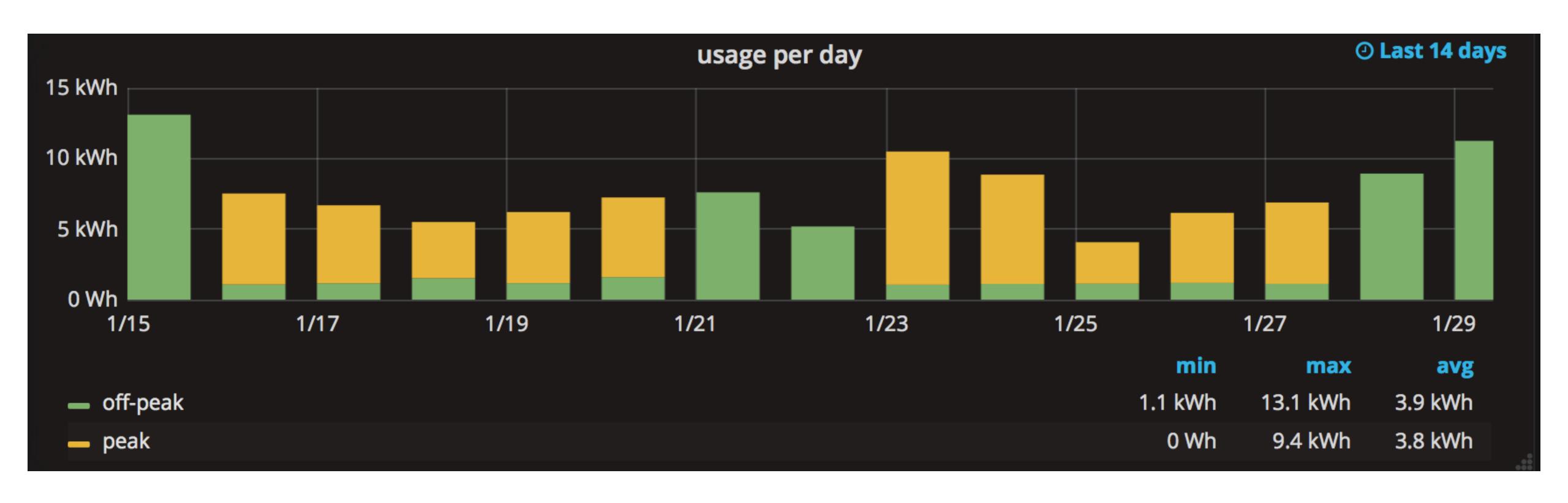
Main quest: get notifications when the washing machine is done

Main quest: get notifications when the washing machine is done

Interesting graph #1



Interesting graph #2



Sources

- https://prometheus.io
- https://grafana.com/
- https://caddyserver.com/
- https://github.com/gnur/prometheus-p1-exporter
- https://github.com/prometheus/client_golang
- https://github.com/prometheus/alertmanager

