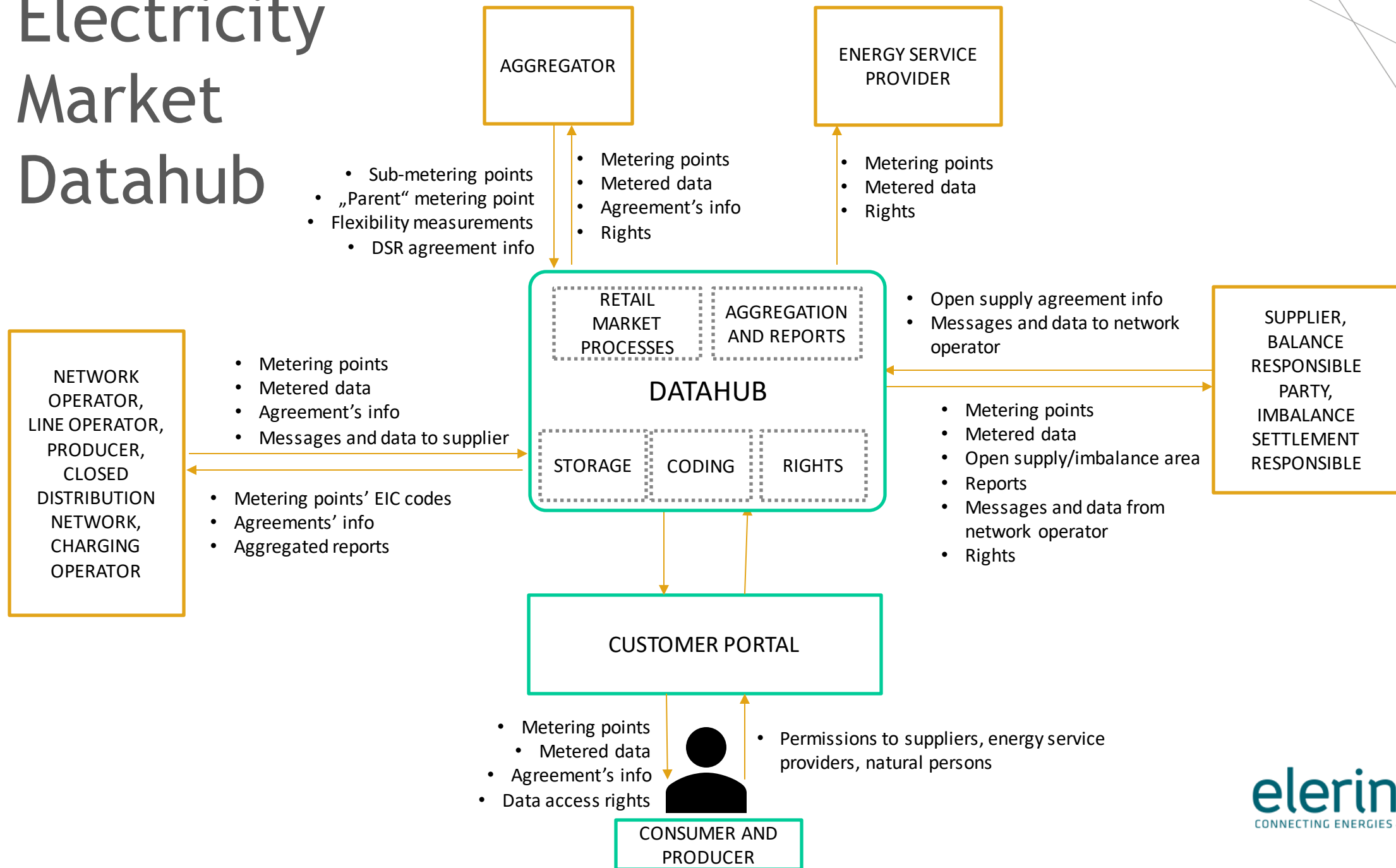


Estfeed Datahub

Kalle Kukk
Energy Data Spaces Cluster Meeting
13.09.2023

Electricity Market Datahub



The business functionalities

The main functionalities for electricity and gas retail markets by Datahub:

1. Coding process (EIC codes)
2. Users, permissions and exchange rights management
3. Metering point technical data collection and exchange
4. Metered data collection and exchange
5. The process of switching suppliers and the messages that describe it
6. The network operator's network bill, also joint invoice transmission process
7. The exchange of information between the Users
8. Management of the uninterrupted open supply chain (imbalance settlement portfolios)
9. Calculation and transmission of aggregated metered data
10. Exchange of aggregation contracts and demand side response data
11. Exchange of metering point and/or metered data to other energy services and business processes according to rights

The Users guaranteed to exchange data through the Datahub are provided to use Datahub via the machine interface (API) and/or web interface. For other energy services the data exchange is provided only via a machine interface (API).

Metadata per each metering point

1. Metering point EIC code
2. Meter type - remote, virtual, non-remote reading (gas)
3. Metered data resolution - 1 hour, 15 minutes, day (gas)
4. Customer name and ID of metering point based on network agreement
5. Customer type -consumer, producer, network operator, line operator, charging operator, storage, LNG (gas), protected customer (gas), general interest service provider (gas)
6. Consumption scale - small < 63A, large >63A
7. Production type - solar, wind, hydro, biogas, biomass, gas, oil shale, othes RES, ohter non-RES
8. Connection state
9. Other characteristics -border point between operators (y/n), isolated point, electrical heating, charging point, apartment association
10. Storage capacity and energy (kW, kWh)
11. Production capacity (kW) in connection point according to network agreement
12. Transmission capacity (kW) in connection point according to network agreement
13. Address - ADS standard + additional fields
14. Transmission network substation (prior)

By aggregator:

1. Virtual sub metering point data linked to network metering point

Customer portal

<https://estfeed.elering.ee>

Electricity and gas data (hourly updated at least every day):

1. Metering points
2. Agreement information
3. Consumption
4. Production
5. Market price and cost/income
6. Data sharing with suppliers, energy service providers, natural person
7. Representation rights
8. Data dracker
9. RES information
10. Suppliers and energy services

elering

[Return to elering.ee](#)

My Metering Points

My Consumption

My Production

My Roles and Rights

Market Prices

Energy Services Providers

Data Tracker

FAQ

Terms of Service

OTHER SERVICES

Renewable Energy Customer

Biomethane Customer

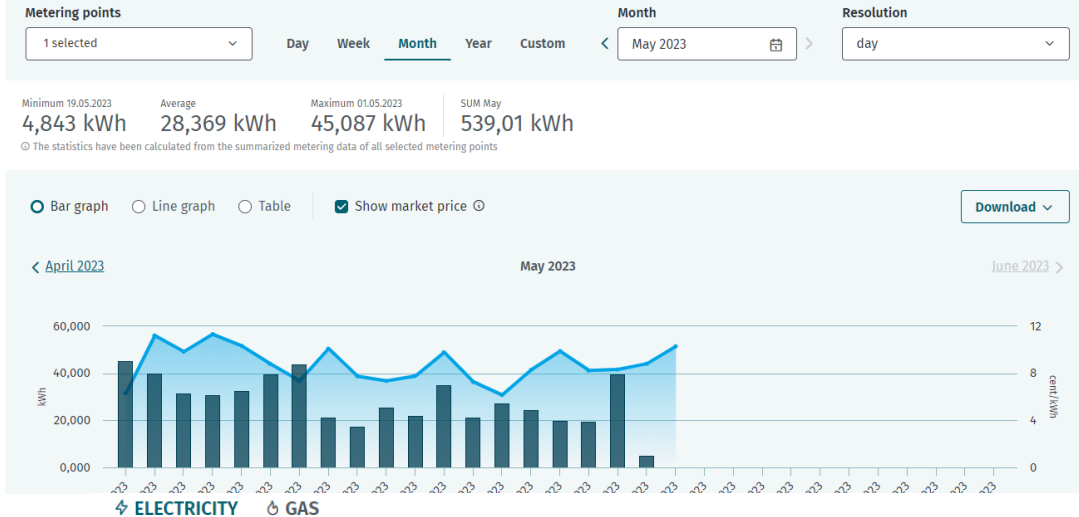
Connecting to the Transmission Network

Network Service Customer

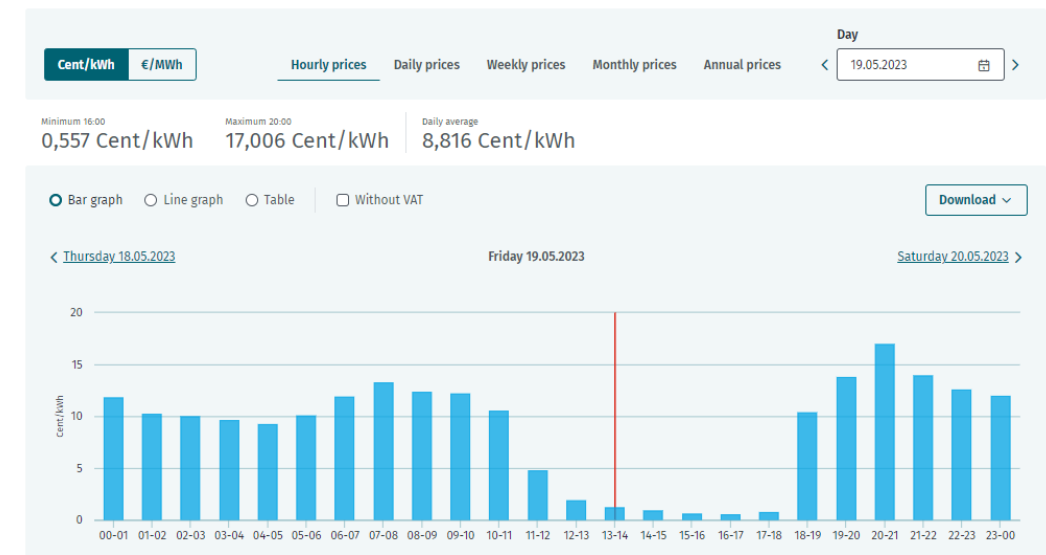
My Consumption

Here you can view your consumption data for desired periods and with different resolutions (e.g. hourly, daily or monthly). You can also add the market price to the consumption data. If you have signed a market price package with an electricity/gas seller and you want to schedule consumption for more favorable hours, you can easily monitor here how it has been succeeded.

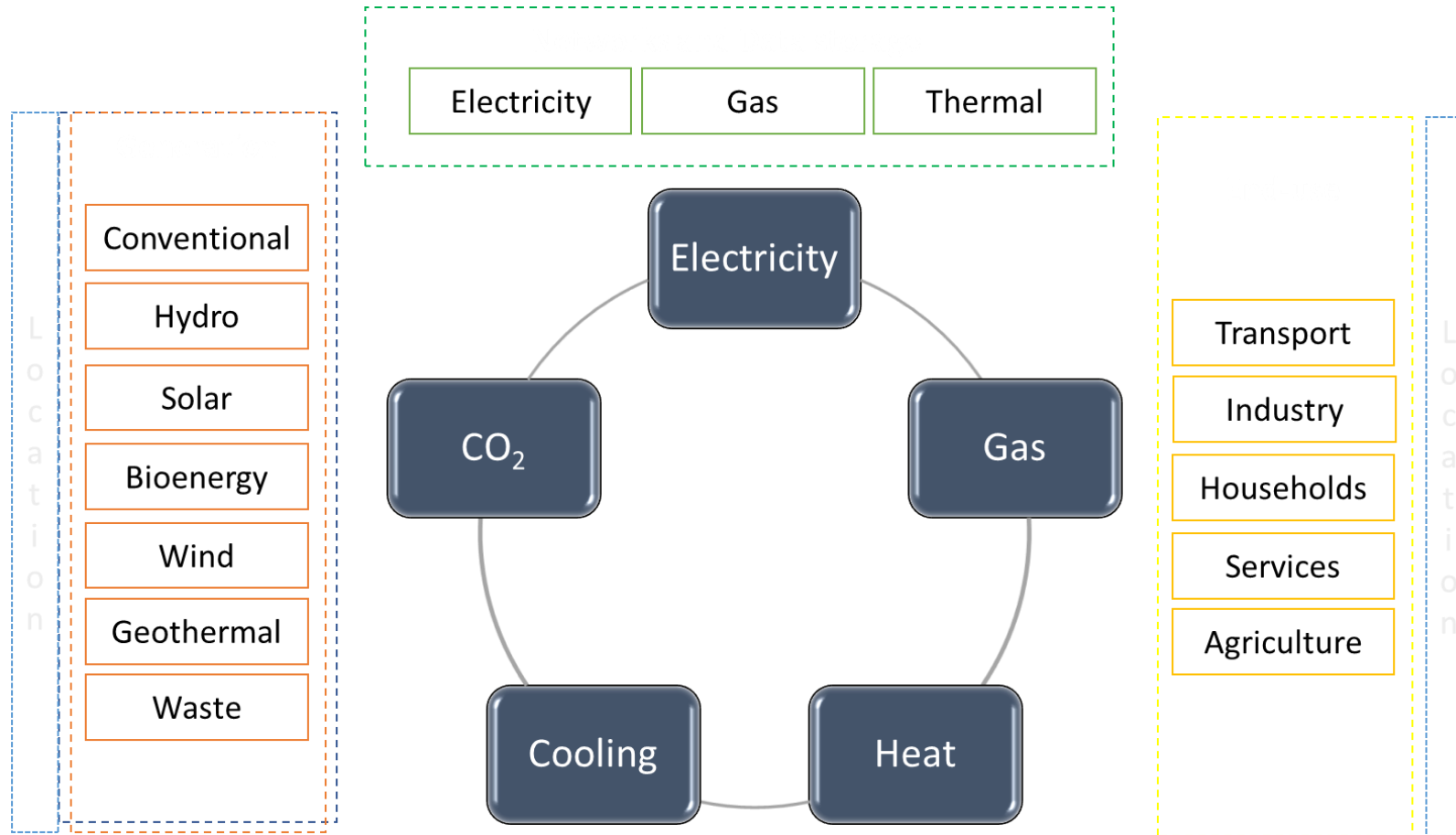
ELECTRICITY



The chart shows power market prices in Estonian time (EET / EEST) and includes VAT. Information on the purchase and sale volumes of power market transactions and rules can be found on NordPool's website www.nordpoolgroup.com, where data is provided in Central European Time (CET / CEST).



Way forward



To calculate the consumption and production amounts by end-users level per 15 minute ISP, sector, location, RES type and to provide aggregated data for public use.

Thank you!