



Development - Structure data flows

Customer Committee 2/2017

2017-11-14, Vantaa

Agenda

Four fundamental questions to summarize the topic

- What
 - are structure data flows?
- Why
 - is eSett developing them?
- How
 - can they be used?
- When
 - are they available?

What?

- eSett has been developing a messaging interface for Distribution System Operators (and future Hubs) to manage their structures 'automatically' and more efficiently
 - Our aim is to continue with other roles and structures
- Once taken into use, the operations available in Online Service graphical user interface can be managed also via data flows
- Inbound (structures from DSOs):
 - **Production Units**; PU create, PU terminate, PU-RE create, PU-RE terminate, PU Capacity update, PU Name update, PU Type update (Wind, hydro...)
 - **Consumption of retailers**; create, change validity start, change validity end
 - **Imbalance retailers of Metering Grid Areas (MGA)**; create/change MGA imbalance retailer
- Outbound (Specific Data Packages to DSOs):
 - **All** and **Delta** for all three structure types within predefined period (D – D+14)

Why?

Vision

A forerunner in the international energy settlement

Mission

To settle energy transparently
To support customers with precise execution and expertise
To enable the integrated market development, together and in sound cooperation

Values

Accountability
Getting things done
Ready for future
Openness in communication

How?

- XML files
- BRS available at Ediel.org:
 - PU – *NEG Resource Object (Production Unit) Master Data Document*
 - CONS – *NEG Party Master Data Document*
 - MGA-RE – *NEG Party Master Data Document*

- Example: Update PU name

```
<ResourceObjectDetails>  
  <ResourceObjectIdentification v="PU1" codingScheme="A10" />  
  <ResourceObjectName v="TestPU1" />  
  <ObjectAggregation v="A06" />  
  <Status v="A15" />  
</ResourceObjectDetails>
```

- Principles:
 - Multiple requests per one file are allowed
 - Only one request (change) per structure (e.g. PU1) per file
 - All or nothing

When?

- The DSO functionalities will be available and supported in Q1 2018
- eSett will prepare a guiding material for DSOs how to take the advantage of the functionalities – available February 2018
- The Balance Responsible Party, Transmission System Operator and Market Operator agendas will follow later

