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MEETING NAME Architecture Working Group

Meeting number 06

Date of meeting 26 May 2020

1. Introduction

1.1 ELEXON opened the sixth AWG meeting; there were apologies from Alan Gregory.

2. Updates from other work-streams

Code Change and Development Group (CCDG)

2.1 ELEXON gave an update from the most recent CCDG meeting. They had discussed various strawmen on the settlement run-off arrangements, registration data and confirmations. They also discussed some items that were outstanding from the TOM design, the load shaping categories and default load shapes for advanced metering. Work is ongoing on the code change matrices to keep up with new requirements.

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2.2 Ofgem provided an update from the significant code review. Ofgem have produced a draft impact assessment for MHHS, expecting a net benefit of between £1.6bn and £4.5bn by 2045. They have published a consultation seeking views on the impact assessment, but noted that they haven't given a deadline for responses yet. They will apply a 10-week deadline for responses at a later date.

3. Data Exchange Subgroup

3.1 ELEXON provided an update on the AWG/CCDG subgroup's work, noting that the interfaces and data items for the registration to data services had been defined, and that there was a planned timetable when further services will be completed.

3.2 ELEXON presented a sequence diagram for data exchanges between registration and metering services which will eventually feed into the solution architecture document. The group discussed the appointment interface specification. It was noted that this work is ongoing on MS Teams, but that group members without access to teams could be consulted via email. ELEXON briefly covered the different sections on the specification, an overview, the data catalogue, transport details, data flow characteristics, security considerations and a data model. The group noted that it was difficult to comment without reviewing the document in detail.

4. Integration

4.1 The AWG Technical Lead gave an overview on integration and its implications for the AWG. It was noted that integration is complex with MHHS because the environment is highly decentralised with a number of parties operating in every role. There are two main aspects to integration; consistency of data items and coordination of processes. It was suggested that it was worth capturing integration considerations at a principles level, so that these considerations could be carried through to the building phase of the work.

4.2 He introduced the three possible integration patterns, and that the final integration would likely be some combination of all three. These were: data consistency, multistep processing and process composition. It was noted that the concepts were left intentionally abstract at this stage, and that the AWG's role wasn't to tell people exactly how to do everything, just to ensure that it works in conjunction with everything else.

4.3 He suggested there would be a mix of different integration patterns depending on the level of abstraction, noting that at high level the TOM could be viewed as a multistep process, but in the detail more of a process

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composition. It was decided that it would be helpful to identify the appropriate integration patterns as the interfaces are developed.

- 4.4 It was requested that over the next two weeks the group review the interface specifications and review the integration patterns for the registration to metering services so that they can be discussed at the next AWG.
- 4.5 The CCDG representative noted that the CCDG are producing process maps for the registration/appointment processes and it is important not to duplicate work.

5. AOB

- 5.1 A group member enquired as to how the timeline has changed for the AWG's work in light of the coronavirus pandemic. ELEXON noted that it was likely to be around 3 months delayed, and there is a replanning meeting scheduled.

6. Actions

- 6.1 01/02 – No update; still waiting on ELEXON IT
- 6.2 02/02 – the SPaR assessment has not been finalised, however with the delay to the timescales, there will be more time to complete it.
- 6.3 05/01 – Action closed – A presentation on the integration options was delivered.

7. Next meeting

- 7.1 The next AWG meeting will be held on 23 June 2020.