PAB211/10 - PAF REVIEW UPDATE – DATA PROVISION WORKSTREAM

MEETING NAME	Performance Assurance Board

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Paper number	211/10
Owner/author	Ban Mac
Purpose of paper	For information
Classification	Public
Summary	This paper provides an update of the progress with the PAF Review Data Provision workstream.

1. Introduction

1.1 The review of the Performance Assurance Framework (PAF) is progressing via four workstreams; three ongoing[1]. The background and details are available in past Performance Assurance Board (PAB) papers[2] and on the ELEXON webpage - https://www.elexon.co.uk/reference/performance-assurance/performance-assurance-framework-review/.

1.2 This paper provides an update on the Data Provision workstream and its next steps.

2. Summary of the Data Provision workstream

2.1 This workstream is looking at current and potential sources of data to support risk management and performance monitoring.

2.2 We have completed a catalogue of the existing data sources.

2.3 The subsequent stages will be focused on identifying alternative data items and retrieval / analysis methods that could provide additional and enhanced risk indicators and information about Performance Assurance Parties' (PAP) compliance with BSC obligations.

2.4 The workstream is due to conclude Summer 2019 with a set of recommendations for improved data provision to support the PAF.

3. Data catalogue of existing data

3.1 The data catalogue will enable users to explore and understand our data sources, and at the same time achieve more value from our present investments. The assessment has taken into consideration lessons learned from the routine operation of the PAF.

3.2 For this workstream we have catalogued all the data sources which are currently available to ELEXON for performance assurance purposes and non-performance assurance purposes. We have recorded the metadata of each source, detailing such information as:-

- Data creator – The BSC role or non-BSC role of the content creator

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[1] The PAF Procedures workstream, the PAT Review workstream, and the Data Provision workstream are ongoing, while the Smart Metering Rollout workstream is concluded.
[2] Key papers include PAB193/17 - PAF Review Delivery Approach and PAB209/08 – PAF Review update

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- Data triggers – is the data created following an ad-hoc prompt, or is it automatically created following a schedule?

- Data frequency – how often is the data generated?

- Data volume – the typical data file size for storage requirements

- Data granularity – half-hourly, daily, BM Unit-level, Party-level, etc.

- Data format and structure

3.3   For further analysis, we will be modelling this data catalogue using a visual data modelling tool; the objective is to identify additional uses of existing data we could apply to the current PAF and to document new data sources as-and-when they are integrated.

4.   Next steps

4.1   The PAF Review team will be hosting its first Issue 69 workgroup meeting for this workstream (provisional date 24 September 2018). The objective will be to discuss quick wins using existing data sources, and gather feedback on future user reporting requirements. ELEXON will invite participants who have expertise in either, Settlement Risks, risk management, auditing or performance reporting.

4.2   Once we have identified ways we can use the data better now. The team will seek PAB approval and where agreed commence work with a developer to implement the changes to current PAF reporting.

4.3   The next stage will be identifying and documenting alternative data sources. The data source catalogue will be updated to reflect these new sources, which will act as a reference document for later work on data provision, risk appraisal, and individual Performance Assurance Techniques (PATs).

4.4   The PAF Review team will seek to demonstrate to the PAB and wider stakeholders the importance of viable data alternatives as early as possible, in order for an informed decision to be made on the concluding data provision recommendations at the end of the workstream. Through this activity we will continue to demonstrate benefits to risk appraisal and general PAF delivery using alternative data sources.

4.5   The final stage is a detailed assessment of alternative PAF data provision options. This step will provide an assessment of alternative PAF data provision options with an evaluation of each, including any developed proof-of-concepts. A set of recommendations will be produced on an enduring viable approach to data under the PAF. This approach will support the subsequent work on individual PATs[3], as detailed in the project plan (Appendix 1).

5.   Recommendations

5.1   We invite you to:

a)   **NOTE** the update provided on the workstream.

Appendices

Appendix 1 – PAF Review project plan

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[3] As detailed in the PAB paper PAB211/10: PAF Review update – PAT Review Workstream

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Appendix 1 – Data Provision and PAT Review project plans

2018						2019												2020					
Q3			Q4			Q1			Q2			Q3			Q4			Q1			Q2		
7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6

Data Provision

- Assess existing data sources and
- Identify and document alternative
- Detailed assessment of
- Implemnet change

PAT Review

- TAM
- Performance Monitoring
- EFR
- BSC Audit
- Peer
- TAPAP
- B&D
- Assessing toolkit and developing proposals
- Qualification
- Material Error
- Rem. of Qual
- BCoA
- Re-qualification
- Supplier Charges
- Implemnet change

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