ELEXON

Risk Analytics & Monitoring Dashboards – Delivery Schedule

Performance Assurance Board

Date of meeting	**29 October 2020**	Paper number	**237/10**
Owner/author	**Jason Jackson**	Purpose of paper	**For Information**
Classification	**Public**	Document version	**V1.0**

Summary

This paper sets out our planned schedule for the delivery of risk analytics and monitoring dashboards (RAMD), along with proposed Performance Standards in respect of industry performance against the associated risk areas.

1. Risk analytics & monitoring dashboards, Performance Standards

1.1 We will produce dashboards for all risks detailed within the Risk Evaluation Register 2020/21. These dashboards will support risk monitoring and help to steer performance assurance activity. We intend to keep the dashboards under regular review in order to ensure our monitoring regime is flexible and responsive to changing market conditions, in line with the strategic objectives set out in the Risk Operating Plan 2020/21.

1.2 We will take this opportunity of establishing reporting metrics across each risk area to propose risk level Performance Standards against which industry performance will be monitored. These performance standards will be reviewed against data received from industry in respect of the cost of achieving a given Performance Standard. Performance Standards will subsequently be adjusted to ensure that they achieve an appropriate balance between the cost to industry in achieving and maintaining the standard and the cost to industry of failing to meet the standard.

1.3 The release schedule for the delivery of these dashboards and our initial proposal in respect of associated Performance Standards are set out within Appendix 1.

1.4 Appendix 2 provides detail of the various activities which will be undertaken in order to deliver the dashboards and proposed Performance Standards in respect of each risk area.

2. Lessons learned from the development of Risk 003 and 007 dashboards

2.1 Time and resource was expended developing templates and working practices in order to facilitate delivery of this analytics and monitoring dashboard suite. Initially the team took a more exhaustive approach to the review of data and development of reporting.

2.2 Much of the groundwork has now been laid for the development and release of analytics and monitoring against performance metrics relating to other risk areas.

2.3 In order to ensure that we get the maximum benefit from these dashboards as quickly as possible we have adopted an agile approach to delivery. In order to streamline delivery and achieve a more ambitious, yet achievable timeline we have:

a) Scaled back the level of detail of planned reporting;

b) Focused only on data we already have available and which is most relevant to the material impact of each risk area; and

c) Scheduled delivery of smaller but more frequent products.

2.4   We are still in the process of validating the outputs of our Risk 003 and 007 dashboards against customers' own data, however we are confident that the data is accurate. An anonymised preview of these dashboards is included within Attachment B.

3.   Recommendations

3.1   We invite the PAB to:

a) NOTE the contents of this paper, the delivery schedule set out within the Appendix and the project timeline within the Attachment.

Appendices

Appendix 1 – Delivery schedule

Appendix 2 – Detailed project plan excerpt (Risk 005 and Risk 012)

Attachments

Attachment A – Project Timeline

Attachment B – Anonymised Beta Preview of Risk Dashboards

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Appendix 1 – Delivery schedule

Risk ID	Risk Title - The risk that…	Dashboards Built	Internal Release	External Release
003	SVA Metering Equipment is installed, programmed or maintained incorrectly including where Commissioning is performed incorrectly or not at all	19/10/2020	01/11/2020	**Nov-2020**
007	SVA Metered data is not retrieved, such that the proportion of estimated data being used in Settlement contributes to performance standards not being met	19/10/2020	01/11/2020	**Nov-2020**
005	A fault with SVA Metering Equipment is not resolved, such that metered data is recorded incorrectly or cannot be retrieved	29/11/2020	10/12/2020	**Jan-2021**
012	SVA Metering System technical details are created incorrectly	29/11/2020	10/12/2020	**Jan-2021**
023	A fault with CVA Metering Equipment is not resolved, such that Metered Data is recorded incorrectly or cannot be retrieved	28/01/2021	08/02/2021	**Feb-2021**
021	CVA Metered Data is not retrieved, or processed correctly, or at all, by the CDCA	28/01/2021	08/02/2021	**Feb-2021**
016	The energisation status held in SMRS or by any party in the Supplier Hub does not match the physical energisation status of the SVA Metering System	30/03/2021	10/04/2021	**Apr-2021**
013	Manual adjustments to Metered Data are not completed correctly, or at all	30/03/2021	10/04/2021	**Apr-2021**
001	SVA Metering Point is registered incorrectly or not at all, such that metered data is not collected or aggregated	29/05/2021	09/06/2021	**Jun-2021**
017	Exception reports are not sufficiently managed, such that material exceptions are not addressed at all or in a timely manner	29/05/2021	09/06/2021	**Jun-2021**
011	Unmetered Supplies volumes are calculated incorrectly or not at all	29/07/2021	09/08/2021	**Aug-2021**
019	A Volume Allocation Unit is registered incorrectly or not at all, such that the CDCA does not collect any or the relevant data	29/07/2021	09/08/2021	**Aug-2021**
032	Manual adjustments to CVA Metered Data are not completed correctly, or at all	27/09/2021	08/10/2021	**Oct-2021**
018	Revenue protection processes are not managed sufficiently, such that unrecorded energy volumes are excluded from Settlement	27/09/2021	08/10/2021	**Oct-2021**
022	Changes to CVA Metering Equipment are not notified to CDCA	27/11/2021	08/12/2021	**Dec-2021**
008	SVA metered data is not processed or transferred correctly, or at all	27/11/2021	08/12/2021	**Dec-2021**
014	Agents are not appointed or de-appointed correctly, such that SMRS is not complete or up to date, members of the Supplier Hub do not hold the correct MPID of other Hub members or the appropriate agents are not appointed	26/01/2022	06/02/2022	**Feb-2022**
034	The SVAA does not process or transfer the correct data or does not use approved default data.	26/01/2022	06/02/2022	**Feb-2022**
006	On a change of agent, Meter Technical Details are not transferred or processed correctly or at all, such that parties do not use the latest Meter Technical Details	28/03/2022	08/04/2022	**Apr-2022**
026	Aggregation Rules in CDCA are incorrect such that CVA Metered Data is not correctly aggregated and the energy volumes required for Settlement are incorrect or missing	28/03/2022	08/04/2022	**Apr-2022**
027	Trading Parties do not or are unable to pay Trading Charges fully or at all, such that it triggers an Event of Default	27/05/2022	07/06/2022	**Jun-2022**

015	SVA reference data is not created or transferred correctly, or at all	27/05/2022	07/06/2022	**Jun-2022**
030	The ECVAA does not carry out processes correctly, such that output files are inaccurate	27/07/2022	07/08/2022	**Aug-2022**
010	On change of Data Collector, meter read history is incorrect or not transferred such that sufficient history is not available for validating and estimating energy volumes	27/07/2022	07/08/2022	**Aug-2022**
004	Changes to SVA Metering Equipment are not notified, such that all members of the Supplier Hub do not use the current Meter Technical Details	05/09/2022	16/09/2022	**Sep-2022**

Appendix 2 – Detailed project plan excerpt (Risk 005 and Risk 012)

Risk 005 RAMD Development
Step 1 - Report Logic
Determine value of possible reporting
Determine objectives of reporting
Outline potential Test Ideas
Evaluate available data
Step 2 - Build reporting for Risk Factor/Risk Measure A
Build Query to assess identified data
Validate Query output Inc. efficiency of query review
Build PowerBI display
Create high-level dashboard mini
Step 3 - Implement reporting for Risk Factor/Risk Measure A
Validate reporting with BSC Parties
Produce documentation for and explanation of reporting
Document evidence to be used to support and validate reporting
Step 4 - Build reporting for Risk Factor/Risk Measure B
Build Query to assess identified data
Validate query output Inc. efficiency of query review
Build PowerBI display
Create high-level dashboard mini
Step 5 - Implement reporting for Risk Factor/Risk Measure B
Validate reporting with BSC Parties
Produce documentation for and explanation of reporting
Document evidence to be used to support and validate reporting
Risk 012 RAMD Development
Step 1 - Report Logic
Determine value of possible reporting
Determine objectives of reporting
Outline potential Test Ideas
Evaluate available data
Step 2 - Build reporting for Risk Factor/Risk Measure A
Build Query to assess identified data
Validate Query output Inc. efficiency of query review
Build PowerBI display
Create high-level dashboard mini
Step 3 - Implement reporting for Risk Factor/Risk Measure A
Validate reporting with BSC Parties

	Produce documentation for and explanation of reporting
	Document evidence to be used to support and validate reporting
Step 4 - Build reporting for Risk Factor/Risk Measure B	
	Build Query to assess identified data
	Validate query output Inc. efficiency of query review
	Build PowerBI display
	Create high-level dashboard mini
Step 5 - Implement reporting Risk Factor/Risk Measure B	
	Validate reporting with BSC Parties
	Produce documentation for and explanation of reporting
	Document evidence to be used to support and validate reporting
Internal Release of RAMDs for Risks 005 and 012	
Step 1 - Draft and issue internal comms (Offering training out to the wider business)	
Step 2 - Training and UAT	
	Draft UAT work papers
	Book training dates
	Produce training materials for each risk
	Deliver training
	Set deadlines for UAT returns
	Review responses through UAT and develop fixes
Step 3 - Issue updated comms regarding fixes	
	Draft revised UAT work papers
	Set deadlines for UAT returns
	Review responses through UAT and develop fixes
Step 4 - Transition to live support	
Initial Performance Standards considered and proposed for Risks 005 and 012	
Step 1 – Review historic industry performance and estimate future performance	
Step 2 – Consider and propose initial performance standards	
	Estimate materiality of underperformance by Settlement Run
	Estimate cost to industry of maintaining and of improving current performance levels
	Propose range for Performance Standard balancing industry cost against risk impact
External Release of RAMDs for Risks 005 and 012	
Step 1 - Draft PAB paper	
	Revise training material and document lessons learned from internal roll out
	Draft paper and have it reviewed
Step 2 - PAB presentation	
	Present reporting to PAB
	Document feedback from PAB and update reporting/supporting documentation
Step 3 - Update QPAR with relevant risk reports	
	Draft standard quarterly format for each risk report to be routinely updated