

## RISK EVALUATION REGISTER 2021/22

### Performance Assurance Board

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**Summary** Unless otherwise stated; ELEXON have utilised the Risk Evaluation Methodology (REM) and data sources as set out in the Risk Evaluation Methodology. For reference the Risk Evaluation Register (RER) 2020/21 COVID-19 impacted Risk assessments are noted in the Appendix of this Paper. ELEXON has been undertaking data validation of the Risk assessments for the RER 2021/22. Elexon has accounted for the impact of the COVID-19 disruption in its risk assessments, with those processes that involve Site Visits being impacted by reduced attendance to sites, and Elexon have made the assumption that disruption will continue into the 2021/22 Performance Assurance Operating Period (PAOP).

### 1. Risk 1 - Registration

- 1.1 Elexon has updated the assessment procedure for Risk 1 in order to provide a more representative materiality, by taking into account the impact of Measurement Class (MC) F Meters in relation to Risk 1.
- 1.2 Elexon has forecasted a 19.7% increase in Half Hourly (HH) updates to registration details, excluding the addition of MC F, and a 52.6% increase in Non-Half Hourly (NHH) updates to registration details. Elexon has forecasted this increase following observed increase in registration activity across all Meter types since 2019.
- 1.3 Elexon has not seen a significant change in the proportion of HH registrations that are corrected following an initial update to registration details. However we have forecasted an average 300% increase, up from the COVID-19 impacted RER, in the proportion of NHH registrations that are corrected following an initial update to registration details across all NHH Profile Classes.
- 1.4 Elexon has forecasted a 42.4% increase in the days to resolve an incorrect HH registration update, and an 81.3% increase in the days to resolve an incorrect NHH registration update, as longstanding incorrect registrations are identified and resolved.
- 1.5 ELEXON has forecasted a 73% decrease in the Materiality of Risk 1 for 2021/22.

### 2. Risk 2 - Attributes

- 2.1 Elexon has adjusted its assessment of the population of NHH Meters up by 15.8% to be reflective of the current size of the market. Elexon has forecasted a reduction of 25.3% of parties in the Supplier Hub holding incorrect attributes relating to a Metering System following the registration corrections as identified in Risk 1 analysis.
- 2.2 Elexon has increased its forecast for the proportion of Meter Exchanges to take place by 638% from its COVID-19 impact assessment which reflected the lack of Site Visits taking place during 2020/21. Elexon has also forecast a greater proportion of Meter Exchanges resulting in error by 82.9% to align with previous performance when larger numbers of Meter Exchanges were taking place.
- 2.3 Elexon has forecast a 1090.6% increase in the Materiality of Risk 2 for 2021/22.

### **3. Risk 3 - Metering Equipment installation, programming, maintenance and Commissioning**

- 3.1 Elexon has made a slight adjustment to the assessment methodology of Risk 3 that brings the assessment in line with other Risk assessments and aims to represent the Material Impact of Error over a PAOP. This has resulted in the reduction of the Days Impacted by an average of 24.4% for HH Meters, however the forecast has remained unchanged for NHH Meters
- 3.2 Elexon has reduced the forecast for HH Meters that have an existing Installation issue by 1% as parties have been correcting longstanding inaccuracies. We have reduced the forecast of installed SMART Meters by 13% due to the reduced rate of SMART Meter installation activity that continues to take place in 2020/21.
- 3.3 Elexon has forecast a 36.6% increase in the proportion of HH Meters to align with the current market, alongside a 7.9% increase in the proportion of NHH Meters that will experience an error in the upcoming PAOP that aligns with recorded corrections of SMART Meters.
- 3.4 Elexon has forecast a 42.3% decrease in the materiality of Risk 3

### **4. Risk 4 – Notification of Change to Metering Equipment**

- 4.1 Elexon has no concerns to raise in relation to Risk 4. Impact has reduced significantly compared to the historic position thanks to a reduction in events (thereby reducing the At Risk Population) and System Price. There has however been a slight increase since the significant drop forecast during the initial months of lockdown following the start of the COVID-19 pandemic.
- 4.2 Volatility in the System Price means that the upper impact hasn't seen as significant a reduction. Failure Rates have increased slightly in respect of certain associated processes however it is expected that this has resulted from participants working through more complex items which were previously backlogged due to the reduced activity.
- 4.3 The Subject Matter Expert for Risk 004 has noted no significant events in the reporting period or on the immediate horizon which are not indicated by our data.
- 4.4 Elexon noted that discussions are still on-going at TAMEG in respect of the impact of missing and inaccurate D0215s and the obligations on Licenced Distribution Service Operators (LDSO) to send D0215s where they do not yet know the CT/VT ratios.
- 4.5 Elexon has forecast:
  - a 450% increase in the number of Meter Exchanges to take place in the upcoming PAOP,
  - a 424% increase in the number of New Connections undertaken and
  - a 310% increase in the number of LDSO changes to take place.

Elexon has forecast these numbers to align with previous years when larger numbers of Meter exchanges were taking place due to the increased rate of site visits expected following the lifting of restrictions.

- 4.6 Elexon forecast an 81.6% decrease in the average proportion of HH and NHH Meter Exchanges that result in incorrect notification of change as we have observed fewer corrections sent following initial Notification of Change. We have received no further information that would change the proportion of New Connections and LDSO Changes that result in incorrect notification of change from the most recent RER (2020/21 COVID-19 Impacted).
- 4.7 Elexon has forecast a 1.0% decrease in the average days impacted by errors relating to HH and NHH Meter Exchanges. . We have received no further information that would change the forecast for days impacted by errors relating to New Connections and LDSO Changes.
- 4.8 Elexon has forecast an overall 17.8% increase in the Materiality forecast for Risk 4.

### **5. Risk 5 – Fault Resolution**

- 5.1 ELEXON notes the industry has been working proactively and collaboratively to reduce issues surrounding communications and interoperability. We have noted a reduction in the number of faults occurring and the days impacted by faults.
- 5.2 Elexon has forecast a 30.3% increase in the number of HH Communications faults that result in estimated readings. We have forecast a 29.0% increase in the number of Meter Faults that result in incorrect meter readings and we have forecast a 12.4% increase in the number of Meter Faults that result in Estimated Meter Readings. Elexon has forecast these due to the increased number of recorded faults identified over 2020/21.
- 5.3 Elexon has forecast a 3.3% decrease in the proportion of HH Measurement Class C Meter Faults that result in incorrect or Estimated Meter Readings, alongside a 12% decrease in the proportion of HH Sub 100kWh Half Hourly Meter Faults that result in incorrect or Estimated Meter Readings. We observed fewer MC C Faults in the 2020/21 PAOP.
- 5.4 Elexon has forecast a 30.3% increase in the number of Sub 100kWh HH Communications faults that result in estimated readings. We have forecast a 29.0% increase in the number of Sub 100kWh HH Meter Faults that result in incorrect meter readings. We have also forecast a 12.4% increase in the number of Sub 100kWh HH Meter Faults that result in Estimated Meter Readings. Elexon has observed a much larger proportion of Sub 100kWh HH Meter Faults than in recent PAOPs.
- 5.5 Elexon has forecast a 1.3% decrease in the Days Impacted by errors for HH Measurement Class C Meter Faults, alongside a 14.9% increase in the Days Impacted by errors for HH Sub 100kWh Half Hourly Meter Faults. We have observed better performance tackling MC C Meters in a timely manner, whilst the increase in HH Sub 100 kWh Meter faults has coincided with an increase resolution timescale.
- 5.6 Elexon has forecast an overall 8.7% decrease in the Materiality forecast for Risk 5.

## **6. Risk 6 - Transfer of Meter Technical Details**

- 6.1 The BSC Parties that had been identified in the 2017/18 P283 Meter Technical Details (MTD's) TAPAP with the exception of one have completed their EFR Plans. ELEXON notes continual improvements in the processes relating to the Risk, will reduce the impact to Parties.
- 6.2 Elexon has forecast a 23% reduction in the number of HH Change of Data Collector (DC) events. Elexon's forecast for the number of NHH Change of DC events remains unchanged, following a sustained reduction in Change of DC Event annually since 2018/19.
- 6.3 Elexon has forecast a 3.6% decrease in the proportion of HH Change of DC events that result in an incorrect transfer of MTDs. We have forecast a 33.3% increase in the proportion of NHH Change of DC events that result in an incorrect transfer of MTDs. We have recorded a larger proportion of incorrect NHH Change of DC Events whilst improved performance of HH Change of DC Events has been recorded.
- 6.4 Elexon has forecast a 17.3% increase in the Days impacted by HH Change of DC events, alongside this, we have forecast a 7.1% increase in the Days impacted by NHH Change of DC events as we have identified that errors are persisting for longer time periods.
- 6.5 Elexon has forecast an overall 8.1% decrease in the materiality of Risk 6.

## **7. Risk 7 – Retrieval of Metered Data**

- 7.1 Elexon has forecast an 8.6% decrease in the annual consumption of NHH Meters. Elexon has forecast a 9.6% decrease in the Annual consumption of HH Measurement Class C Meters, alongside a 9.3% decrease in the annual consumption of HH Sub 100kWh Meters. This is in line with the annual consumption reductions observed in the GB Market.
- 7.2 Elexon has forecast the 66.6% increase in the average NHH market performance below the 97% requirement, Elexon had forecast a 384% increase in the average HH MC C market performance below the 99% requirement, with expected performance down to 98% at SF and 98.6% at R1. Elexon have forecast a 25% increase in the average HH Sub 100kWh HH market performance below the 99% requirement. Elexon has observed the fall in performance across the COVID-19 impacted year and we have forecast that these improvements will take an extended period to reach pre-Covid-19 performance.
- 7.3 Elexon has forecast the 16.3% increase in the proportion of NHH Meters that do not meet the 97% retrieval target for the reason of not retrieving a Meter read. The forecast for the proportion of HH Meters that do not

meet the 99% retrieval target for the reason of not retrieving a Meter read remains unchanged. Elexon's assessment has shown that read retrieval has reduced to this level and expects an extended recovery period.

7.4 Elexon has forecast an overall 137.0% increase in the materiality of Risk 7.

## **8. Risk 8 – Processing of Metered Data**

8.1 Elexon has recorded one additional NHH dispute and one HH dispute relating to Risk 8. The HH dispute has a £272k materiality associated with it, however there was no material impact to Settlement attributed to the NHH dispute.

8.2 Elexon's forecast has remained unchanged for the volume of Annualised NHH Large EAC/AA Material Error.

8.3 Elexon's forecast has remained unchanged for the HH Disputes relating to Metered Data processing. Elexon has forecast a 60% decrease for the NHH Disputes relating to Metered Data processing.

8.4 Elexon has forecast a 17.2% decrease in the overall materiality of Risk 8.

## **9. Risk 9 – Data Aggregator Processing**

9.1 Elexon has reviewed the default run failures, and observed that there has been a 22.1% decrease in the instances of NHH Defaulted runs however the error per default has increased 28.5%.

9.2 Elexon has observed a 133.3% increase in the instances of HH Defaulted runs alongside a 57.1% decrease in the error per default.

9.3 The forecast for Data Aggregator erroneous files remains unchanged.

9.4 The overall materiality of Risk 9 remains unchanged.

## **10. Risk 10 – Meter Read History**

10.1 The forecast for number of NHH Meters has increased 37.7% to align with the market makeup. The proportion of Meters that undergo a Change of Data Collector without a Meter Read History has remained unchanged. The proportion of Meters that Settle on a Default EAC due to a lack of Meter Read History has remained unchanged. As the performance in sending Meter Read History has remained consistent.

10.2 The Days impacted by a Change of Data Collector without a Meter Read History, as well as Meters that settle on a Default EAC, has decreased 14.4% as resolution timescales have improved.

10.3 The overall materiality of Risk 10 has decreased 4.7%

## **11. Risk 11 – Unmetered Supplies**

11.1 Elexon has reported parties that have an improved understanding of the Material Error Monitoring (MEM) data and how to quantify 'error' more accurately.

11.2 Elexon has forecast a 5.8% decrease in the consumption of HH Unmetered Supplies (UMS) Metering Equipment, and a 1.6% decrease in the consumption of NHH UMS Metering Equipment. This is in line with the annual consumption reductions observed in the GB Market for UMS Meters.

11.3 Elexon has forecast a 6.3% increase in the proportion of incorrectly calculated HH UMS Consumption, and a 21.3% decrease in the proportion of incorrectly calculated NHH UMS Consumption in line with the decreasing volume of error that is being recorded in relation to UMS Meters.

11.4 The overall materiality of Risk 11 has decreased 33.9%

## **12. Risk 12 - Metering Equipment Technical Detail Quality**

12.1 Elexon has forecast a 65.9% decrease in the number of NHH Meter Exchanges to take place, and a 24.6% decrease in the number of NHH New Connections. Elexon has forecast a 88.9% decrease in HH Corrected MTDs, and forecast a 97.4% decrease in the number of HH Uncorrected MTDs both of these reductions were assessed in line with the reductions that were seen between the 2018/19 PAOP and the 2019/20 PAOP that are expected to continue to decrease.

12.2 Elexon has not changed its forecast for the proportion of NHH Meter Exchanges and New Connections that result in MTDs being created incorrectly. Elexon has forecast a 134.4% increase in the proportion of HH Corrected MTDs result in MTDs being created incorrectly as previously forecast improvements to the process

were hampered by the disruption of the 2020/21 PAOP. . Elexon has forecast a 2.9% increase in the proportion of HH uncorrected MTDs resulting in MTDs being created incorrectly in line with recent performance.

- 12.3 Elexon has forecast a 30.6% decrease in the time taken to resolve incorrectly created HH MTDs for both New Connections and Meter Exchanges as we are recording annual improvements to the time taken to resolve NHH processes. Elexon has forecast a 47.1% increase in the time taken to resolve HH Corrected MTD and an 80% decrease in the time taken to resolve HH Uncorrected MTDs these figures are in line with the most recent Technical Assurance of Metering Audit.
- 12.4 Elexon has forecast an overall 57.1% decrease in the Materiality of Risk 12

### **13. Risk 13 – Manual Adjustments**

- 13.1 The Subject Matter Expert for Risk 13 has noted no significant events in the reporting period or on the immediate horizon which are not indicated by our data. Elexon has received no further information to warrant changing its assessment or assumptions from the 2020/21 PAOP
- 13.2 Elexon has forecast an overall 27.4% decrease in the materiality of Risk 13.

### **14. Risk 14 – Agent Appointments**

- 14.1 Elexon has forecast a 33% increase in the instances of NHH Change of Agent (CoA), as well as a 14.7% decrease in the forecasted instances of HH Change of Agent as forecasts from previous years over estimated the reduction in Change of Agent events and Elexon have bought the current forecast in line with the observed CoA Events. Elexon has forecast an 8.6% increase in the instances of NHH New Connections, alongside an 11.2% decrease in the instances of HH New Connections in line with the most recent New Connections data.
- 14.2 Elexon has forecast a 24.0% increase in the proportion of NHH Change of Agent instances that result in Parties not able to correctly identify the members of the Supplier Hub. Elexon has forecast a 29.7% decrease in the proportion of NHH MOA New Connections instances that result in Parties not able to correctly identify the members of the Supplier Hub following recorded improvements observed for NHH Meters. Elexon has forecast a 67.5% increase in the in the proportion of NHH DC New Connections instances that result in Parties not able to correctly identify the members of the Supplier Hub due to observed increases in the proportion of Agent appointments that are sent late.
- 14.3 Elexon has forecast a 2.2% reduction in the proportion of HH Change of Agent instances that result in Parties not able to correctly identify the members of the Supplier Hub. Elexon has forecast a 29.7% decrease in the proportion of HH MOA New Connections instances that result in Parties not able to correctly identify the members of the Supplier Hub. Elexon has forecast a 7.6% decrease in the proportion of HH DC New Connections instances that result in Parties not able to correctly identify the members of the Supplier Hub. Elexon has made these adjustments as PARMs data has recorded improvements to the correct sending to agent appointments across both DC and MOA new connections.
- 14.4 Elexon has forecast a 9.6% decrease in the days impacted by parties not able to correctly identify the members of the Supplier Hub for NHH Meters. Elexon has forecast a, 11.1% increase in the days impacted by parties not able to correctly identify the members of the Supplier Hub for HH MC C Meters. Elexon has forecast a, 34.6% increase in the days impacted by parties not able to correctly identify the members of the Supplier Hub for HH Sub 100kWh Meters. Elexon has forecast these figures based on the most recent agent appointment flows sent with an assessment displaying the time taken to supply the agent appointment information.
- 14.5 Elexon has forecast an overall 32.0% decrease in the materiality of Risk 14.

### **15. Risk 15 – Reference Data**

- 15.1 Elexon is in the process of creating a Line Loss Factor (LLF) Audit Issue and Market Domain Data (MDD) Issue Tracker where this data will contribute to the forecast of the Materiality for Risk 15. Currently ELEXON is in the stage of automating the manual processes by implementing a new system for LLF submissions in order to control the validations and to help reduce the level of error.
- 15.2 Elexon has received no further information to warrant changing its assessment or assumptions from the 2020/21 PAOP
- 15.3 Elexon has forecast an overall 27.4% decrease in the materiality of Risk 15.

## **16. Risk 16 – Energisation Status**

- 16.1 Elexon has received no further information to warrant changing its forecast for the number of existing and new connections across all Meter Types and Measurement Classes that are impacted by Risk 16.
- 16.2 Elexon has forecast an average 18.1% decrease in the proportion of MC C new connections that will be impacted by an incorrect Energisation Status, alongside an average 14.3% decrease in the proportion of MC C existing connections that will be impacted by an incorrect Energisation Status. Elexon has forecast a 33.3% decrease in the proportion of MC E Meters that will be impacted by an incorrect Energisation Status. Elexon's forecast for the proportion of MC F Meters that will be impacted by an incorrect Energisation Status remains unchanged. Elexon has forecast a 25.0% decrease in the proportion of MC G Meters that will be impacted by an incorrect Energisation Status. Elexon's forecast for the proportion of NHH Meters that will be impacted by an incorrect Energisation Status remains unchanged. Elexon has seen fewer backdated changes in the most recent PAOP following increase resolution activity and focus in previous year which promoted the resolution of backlogged energisation errors.
- 16.3 Elexon has received no further information to warrant changing its forecast for the Days impacted by incorrect Energisation Status across all Meter Types and Measurement Classes that are impacted by Risk 16.
- 16.4 Elexon has forecast an overall 26.7% decrease in the materiality of Risk 16.

## **17. Risk 17- Exception Management**

- 17.1 The Subject Matter Expert for Risk 17 has noted no significant events in the reporting period or on the immediate horizon which are not indicated by our data. Elexon has received no further information to warrant changing its assessment or assumptions from the 2020/21 PAOP
- 17.2 Elexon has forecast an overall 27.4% decrease in the materiality of Risk 17.

## **18. Risk 18 – Revenue Protection**

- 18.1 The Subject Matter Expert for Risk 18 has noted no significant events in the reporting period or on the immediate horizon which are not indicated by our data. Elexon has received no further information to warrant changing its assessment or assumptions from the 2020/21 PAOP.
- 18.2 Elexon has committed to delivering a Risk Analytic & Monitoring Dashboard (RAMD) in October 2021. Elexon will provide an updated Assessment of Risk 18 following completion of the RAMD.
- 18.3 Elexon has forecast an overall 27.4% decrease in the materiality of Risk 18.

## **19. Risk 19 – Registration**

- 19.1 Elexon has forecast a 15.1% increase in the number of CVA Metered Sites impacted by Risk 19 in line with the current number of CVA Sites registered. Elexon has received no further information to warrant changing its forecast for the proportion of instances of registration updates that contain incorrect information and the days impacted by incorrect registration updates. Elexon has no further information to change its forecast for the error associated with Registration of CVA Metered Sites.
- 19.2 Elexon has forecast an overall 31.5% decrease in the materiality of Risk 19.

## **20. Risk 20 - Metering Equipment installation, programming, maintenance and Commissioning**

- 20.1 The Subject Matter Expert for Risk 020 has noted no significant events in the reporting period or on the immediate horizon which are not indicated by our data.
- 20.2 Elexon has forecast a 1.3% increase in the number of GSPs and BMUs operating in line with the current numbers of BMUs and GSPs. However Elexon has received no further information to warrant changing its assessment or assumptions relating to the proportion of BMUs and GSPs that are estimating, that days impacted by estimations, or the error associated with Estimating BMUs and GSPs.
- 20.3 Elexon has forecast an overall 18.3% decrease in the materiality of Risk 20.

## **21. Risk 21 - Data retrieval and processing**

- 21.1 Elexon has forecast a 0.2% increase in the number of BMUs, and a 1.5% increase in the number of GSPs, retrieving and processing data in the market in line with the current numbers of BMUs and GSPs.

21.2 Elexon has forecast a 3.1% increase in the proportion of estimated volume of GSPs, and a 42.8% increase in the proportion of estimated volume of BMUs as has been recorded in the most recent Technical Assurance of Metering audit.

21.3 Elexon has forecast an overall 2.1% increase in the Materiality of Risk 21.

## **22. Risk 22 - Technical details transfer and quality**

22.1 The Subject Matter Expert for Risk 022 has noted no significant events in the reporting period or on the immediate horizon which are not indicated by our data.

22.2 Elexon has forecast a 3.8% decrease in the number of change notifications sent across the year. Elexon has forecast a 62.5% decrease in the proportion of change notifications that contain incorrect information in line with has been recorded in the most recent Technical Assurance of Metering audit. Elexon has forecast a 63.6% increase in the number of days that incorrect information within a change notification persists in line with the recorded time taken to resolve incorrect change notifications.

22.3 Elexon has forecast an overall 69.7% decrease in the Materiality of Risk 22.

## **23. Risk 23 – Fault Resolution**

23.1 The Subject Matter Expert for Risk 023 has noted no significant events in the reporting period or on the immediate horizon which are not indicated by our data.

23.2 Elexon has forecast a 10% decrease in the number of Dial Failure faults expected over the PAOP, and a 25% increase in the number of Meter Faults expected. This is in line with the recorded trends of Meter Faults recorded over recent years.

23.3 Elexon has forecast a 20% increase in the time taken to rectify a Dial Failure and an 11.1% increase in the time taken to rectify a Meter Fault. Elexon notes this is due to the reduction in accessibility of Metering Equipment during the COVID-19 Pandemic

23.4 Elexon has forecast a 24.6% decrease in the overall materiality of Risk 23.

## **24. Risk 24 – Reference Data**

24.1 Elexon has forecast a 10% increase in the number of incorrect TLFs that are used in settlement. However Elexon has received no further information to warrant changing its assessment or assumptions of the remaining assessment from the 2020/21 PAOP

24.2 Elexon has forecast an overall 3.3% decrease in the materiality of Risk 24

## **25. Risk 25 - Virtual Lead Parties**

25.1 Elexon has been supporting the progression of [P375 – Metering behind the boundary point](#), and through its support of the development of the Modification it has committed to delivering Risk Analytic & Monitoring Dashboards for Risk 25, in June 2022 to coincide with the modification implementation. Elexon will provide an updated Assessment of Risk 18 following completion of the RAMD.

25.2 Elexon notes that the matrix risk assessment table delivered for the RER 2019/20 is still in use for Risk 25.

## **26. Risk 26 – Aggregation Rules**

26.1 The Subject Matter Expert for Risk 029 has noted no significant events in the reporting period or on the immediate horizon which are not indicated by our data. Elexon has received no further information to warrant changing its assessment or assumptions from the 2020/21 PAOP

26.2 Elexon has forecast an overall 19.3% decrease in the materiality of Risk 26.

## **27. Risk 27 – Payment Default**

27.1 Elexon has recorded 6 BSC Parties exiting the market in the 2019/20 PAOP alongside a further 6 Parties having exited the market so far in 2020/21.

27.2 Elexon has forecast a 1.8% decrease in the total consumption across the GB market in line with the recorded trends in market consumption. Elexon has forecast a 100% increase in the proportion of the Market that will

undergo a failure resulting in a market exit in line with the average proportion of the market that has exited the market since the 2018/19 PAOP. Elexon has forecast a 20% increase in the default funding shares per MWh in line with the scale of default funding shares being spread across all parties.

27.3 Elexon has forecast a 145.5% increase in the materiality of Risk 27

## **28. Risk 28 – NETSO Submissions**

28.1 The Subject Matter Expert for Risk 028 has noted no significant events in the reporting period or on the immediate horizon which are not indicated by our data.

28.2 Elexon has forecast a 31.3% increase in the volume of energy associated with Bids and Offers as volumes subject to bids and offers has increased alongside an increase in the volume of Erroneous BOA. However Elexon has received no further information to warrant changing its assessment or assumptions of the remaining assessment from the 2020/21 PAOP.

28.3 Elexon has forecast an overall 58.6% increase to the materiality of Risk 28.

## **29. Risk 29 – SAA Calculation**

29.1 The Subject Matter Expert for Risk 029 has noted no significant events in the reporting period or on the immediate horizon which are not indicated by our data. Elexon has received no further information to warrant changing its assessment or assumptions from the 2020/21 PAOP

29.2 Elexon has forecast an overall 21.9% decrease in the materiality of Risk 29.

## **30. Risk 30 – ECVAAs Processes**

30.1 The Subject Matter Expert for Risk 30 has noted no significant events in the reporting period or on the immediate horizon which are not indicated by our data. Elexon has received no further information to warrant changing its assessment or assumptions from the 2020/21 PAOP

30.2 Elexon has forecast an overall 24.8% decrease in the materiality of Risk 30.

## **31. Risk 31 – FAA Processes**

31.1 The Subject Matter Expert for Risk 31 has noted no significant events in the reporting period or on the immediate horizon which are not indicated by our data. Elexon has received no further information to warrant changing its assessment or assumptions from the 2020/21 PAOP

31.2 Elexon has forecast an overall 27.4% decrease in the materiality of Risk 31.

## **32. Risk 32 – Manual Adjustments**

32.1 The Subject Matter Expert for Risk 32 has noted no significant events in the reporting period or on the immediate horizon which are not indicated by our data. Elexon has received no further information to warrant changing its assessment or assumptions from the 2020/21 PAOP

32.2 Elexon has forecast an overall 27.4% decrease in the materiality of Risk 32.

## **33. Risk 33 – Metered Volumes for Interconnector Users**

33.1 The Subject Matter Expert for Risk 33 has noted no significant events in the reporting period or on the immediate horizon which are not indicated by our data. Elexon has received no further information to warrant changing its assessment or assumptions from the 2020/21 PAOP

33.2 Elexon has forecast an overall 27.4% decrease in the materiality of Risk 33.

## **34. Risk 34 - SVAA data processing**

34.1 The Subject Matter Expert for Risk 34 has noted no significant events in the reporting period or on the immediate horizon which are not indicated by our data. Elexon has received no further information to warrant changing its assessment or assumptions from the 2020/21 PAOP

34.2 Elexon has forecast an overall 27.4% decrease in the materiality of Risk 34.



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## Appendices

### Risk Assessment Detail

#### Risk 1 – Registration

##### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£1.4m	<b>£5.9m</b>	£22.6m

#### Risk 2 – Registration

##### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£9.0k	<b>£18.2k</b>	£37.6k

#### Risk 3 - Metering Equipment installation, programming, maintenance and Commissioning

##### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£9.9m	<b>£52.2m</b>	£148.7m

#### Risk 4 – Notification of Change to Metering Equipment

##### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£810.5k	<b>£1.7m</b>	£3.6m

#### Risk 5 – Fault Resolution

##### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£16.2m	<b>£29.8m</b>	£55.9m

### Risk 6 - Transfer of Meter Technical Details

#### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£1.1m	<b>£2.8m</b>	£7.2m

### Risk 7 – Retrieval of Metered Data

#### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£5.3m	<b>£11.9m</b>	£29.5m

### Risk 8 – Processing of Metered Data

#### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£2.4m	<b>£5.4m</b>	£9.0m

### Risk 9 – Data Aggregator processing

#### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£35.0k	<b>£130.0k</b>	£1.1m

### Risk 10 – Meter Read History

#### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£63.7k	<b>£1.9m</b>	£4.2m

### Risk 11 – Unmetered Supplies

### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£5.0m	<b>£7.8m</b>	£18.0m

### Risk 12 - Metering Equipment Technical Detail Quality

#### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£2.1m	<b>£6.1m</b>	£17.1m

### Risk 13 – Manual Adjustments

#### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£8.7m	<b>£14.2m</b>	£23.4m

### Risk 14 – Agent Appointments

#### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£1.3m	<b>£3.1m</b>	£8.5m

### Risk 15 – Reference Data

#### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£0.0k	<b>£590.6k</b>	£5.5m

### Risk 16 – Energisation Status

#### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£2.0m	<b>£14.6m</b>	£31.5m

### Risk 17 – Exception Reports

#### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
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£0.0k	<b>£200.0k</b>	£20.1m
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### Risk 18 – Revenue Protection

#### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£1.7m	<b>£4.3m</b>	£10.1m

### Risk 19 – CVA Registration

#### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£3.9k	<b>£4.2m</b>	£14.0m

### Risk 20 – CVA Metering Equipment installation, programming, maintenance and Commissioning

#### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£493.4k	<b>£1.0m</b>	£1.7m

### Risk 21 - Retrieval and processing of metered data

#### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£25.7m	<b>£43.8m</b>	£73.9m

### Risk 22 – CVA Technical details transfer and quality

#### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£0.0k	<b>£1.8m</b>	£9.2m

### Risk 23 – CVA Fault Resolution

#### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
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£13.7m	<b>£36.6m</b>	£92.6m
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#### Risk 24 – CVA Reference Data

##### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£0.0k	<b>£257.7k</b>	£2.2m

#### Risk 26 – CVA Aggregation Rules

##### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£0.0k	<b>£2.3m</b>	£6.6m

#### Risk 27 – Payment Default

##### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£0.0k	<b>£1.1m</b>	£6.5m

#### Risk 28 – NETSO Submissions

##### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£393.7k	<b>£1.1m</b>	£2.5m

#### Risk 29 – SAA Calculations

##### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£0.0k	<b>£508.0k</b>	£750.0k

#### Risk 30 – ECVAA Processes

##### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£631.5k	<b>£2.1m</b>	£4.2m

### Risk 31 – FAA Processes

#### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£0.0k	<b>£58.2k</b>	£116.4k

### Risk 32 – CVA Manual Adjustments

#### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£347.0k	<b>£1.5m</b>	£12.5m

### Risk 33 – Metered Volumes for Interconnector Users

#### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£0.0k	<b>£81.5k</b>	£844.6k

### Risk 34 – SVAA Data Processing

#### Scoring for 2020/21

Lower Impact	Impact	Upper Impact
£0.0k	<b>£179.9k</b>	£8.4m

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## Attachments

Attachment A – RER 2021/22

Attachment B – RER 2021/22 Consultation Questions

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### For more information, please contact:

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