

ELLEXION

**Risk 003 and 007 Analytics & Monitoring
Dashboards**

Anonymised Beta Preview

29 October 2020

RISK 003

Risk Analytics & Monitoring Dashboard

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Risk ID:	003	Description:	This dashboard provides insight on whether the severity of a Settlement Risk is increasing from one month to another. The summary page provides the aggregated data in relation to each risk factor at an industry level. This is complemented by individual pages for each specific risk factor, which breaks down the data by different market segments (e.g. HH, NHH) and individual party level (e.g. Supplier,
Risk Title:	The risk that SVA Metering Equipment is installed, programmed or maintained incorrectly including where Commissioning is performed incorrectly or not at all resulting in erroneous or estimated data in Settlement.	Data Sources:	D0215 (Provision of Site Technical Details) D0268 (Half Hourly Meter Technical Details) D0384 (Notification of Commissioning Status) Supplier Meter Registration Service
Risk Owner:	Christopher Day	Limitation:	This report is based on industry data flows sent over the Data Transfer Network (DTN). It provides insight into market performance but not a complete view as vertically integrated BSC Parties may not use the DTN to communicate or exchange data with their Agents. Therefore this report should not be used as the only source of information for decision making in Performance Assurance Determinations.
Reporting Month:	August 2020		
Last Refresh:	08 Oct 2020 07:37 PM		
Technical Support:	risk@elexon.co.uk		

Risk Report 3: The risk that SVA Metering Equipment is installed, programmed or maintained incorrectly including where Commissioning is performed incorrectly or not at all

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Reporting Month: August 2020

RF 3.1 & 3.2: Mismatches identified between D0268 and D0215 CT and VT Ratios

RF 3.1 & 3.2: D0268 update lacking a corresponding D0215 from LDSO



2496 21%

There were 2496 CT/VT ratio mismatches between the D0215 and D0268 across the industry for this reporting month. This is a 21% increase from the previous month.

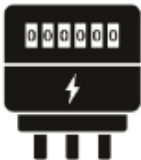


5733 47%

There were 5733 D0268 sent via the DTN but without a corresponding D0215 across the industry for this reporting month. This is a 47% increase from the previous month.

RF 3.4: MOAs did not complete commissioning of Metering Equipment

RF 3.4: LDSOs did not complete commissioning of Measurement Transformers



6830 -32%

There were 6830 MPANs across the industry where Meters were not commissioned for this reporting month. This is a 32% decrease from the previous month.



10.84K -23%

There were 10842 MPANs across the industry where Measurement Transformers were not commissioned for this reporting month. This is a 23% decrease from the previous month.

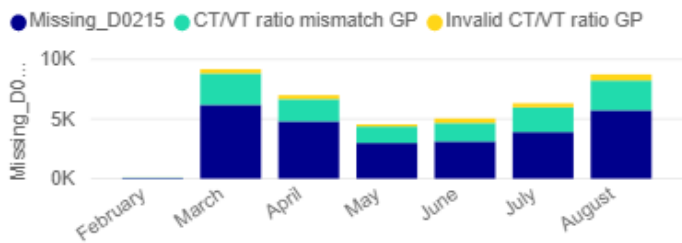
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Risk 003 – Risk Factors 1 and 2

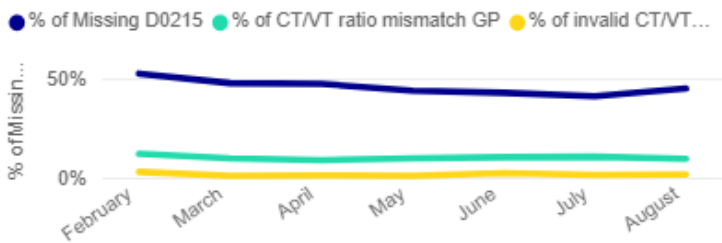
RF 3.1 & 3.2: Performance Measures relating to Missing D0215s, Mismatched CT/VT Ratios, and Invalid CT/VT Ratios

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Trend for the last 6 Months



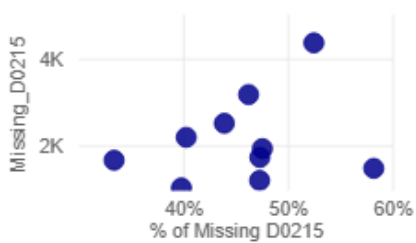
Trend for the last 6 Months



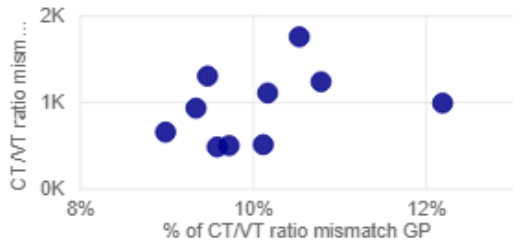
The data displays the most recent HH MTDs (D0268) Flows sent across the DTN over the last six months, alongside the most recent Provision of Site Technical Details (D0215) Flows sent, to compare:

- CT & VT Ratios for Mismatches
- Invalid Ratios, and
- Missing Provision of Site Technical Details (D0215 Flows).

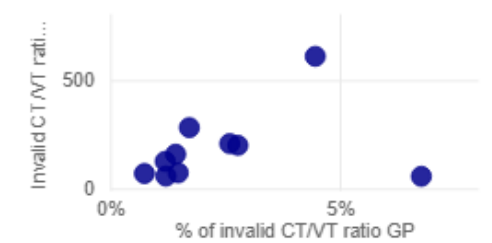
Top 10 BSC Parties by missing D0215



Top 10 BSC Parties by CT/VT ratio mismatch



Top 10 BSC Parties by invalid CT/VT ratio



Missing D0215 (Site Technical Details)

DNO	Missing_D0215
...	2252
...	2065
...	64
...	6
...	0
...	156
Total	26809

Instances of CT/VT ratio mismatch

Supplier ID	CT_Ratio_Mismatch	VT_Ratio_Mism
...	63	...
...	21	...
...	0	...
...	0	...
...	73	...
...	8	...
Total	8787	...

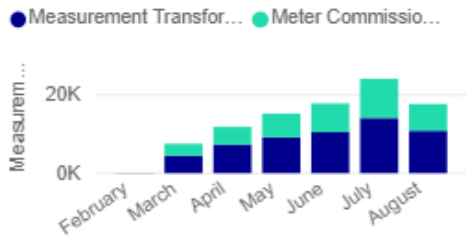
Invalid CT/VT ratio

DNO	Invalid LDSO CT Ratio	Invalid LDS
...	33	...
...	24	...
...	15	...
...	12	...
...	12	...
...	12	...
Total	179	...

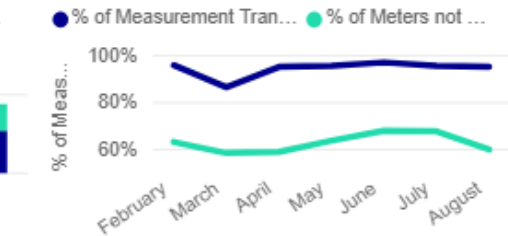
Please note: This report is based on industry data flows sent over the Data Transfer Network. It provides insight into market performance but not a complete view as Vertically Integrated BSC Parties may not use the DTN to communicate or exchange data with their Agents. Therefore the reports should not be used as the only source of information for decision making in Performance Assurance Determinations.

RF 3.4: Performance Measures highlighting where LDSO or MOA does not complete Commissioning of Measurement Transformers or Metering Equipment

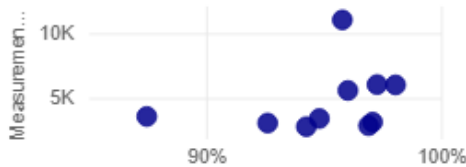
Trend for the last 6 Months



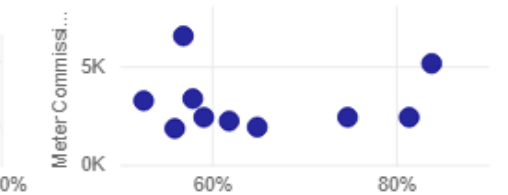
Trend for the last 6 Months



Top 10 BSC Parties by instances where Measurement Transformers were not commissioned



Top 10 BSC Parties by instances where Meters were not commissioned



Measurement Transformers not commissioned

DNO	Measurement Transformer Commissioning not completed
	8643
	6703
	642
	9
Total	56355

Meters were not commissioned

MOA	Meter Commissioning not completed
	1387
	1
	1869
	1
	4
Total	37837

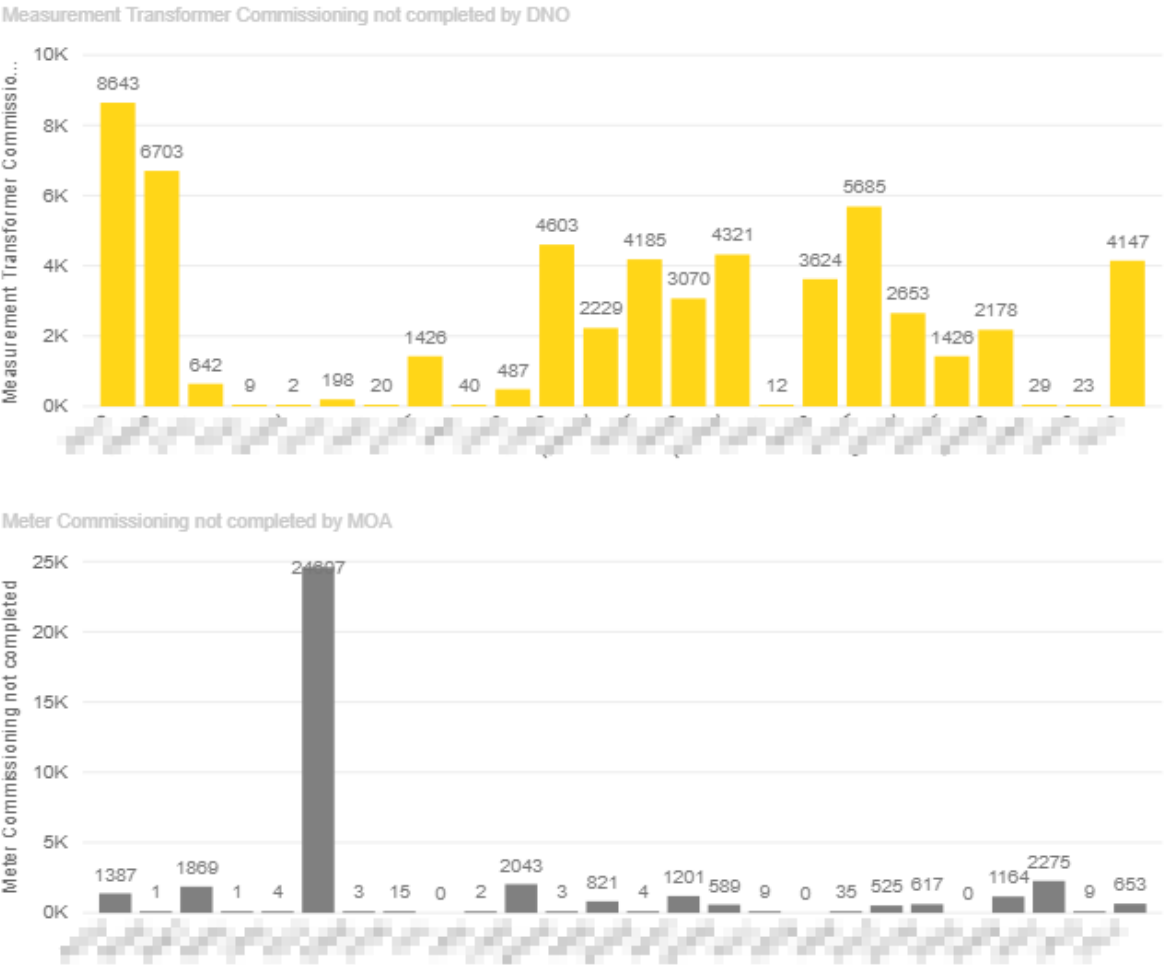


The data displays the most recent Advice from MPAS of Changed Metering Point Details Relevant to DCC (D0348) Flows sent, which contains details of the status of Commissioning for the associated MPAN from both the LDSO and the MOA

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RF 3.4: LDSO or MOA does not complete Commissioning of Metering Equipment (GSP Group_P)

Go back to previous page



The data displays the most recent Advice from MPAS of Changed Metering Point Details Relevant to DCC (D0348) Flows sent, which contains details of the status of Commissioning for the associated MPAN for GSP Group_P

RISK 007

Risk Analytics & Monitoring Dashboard

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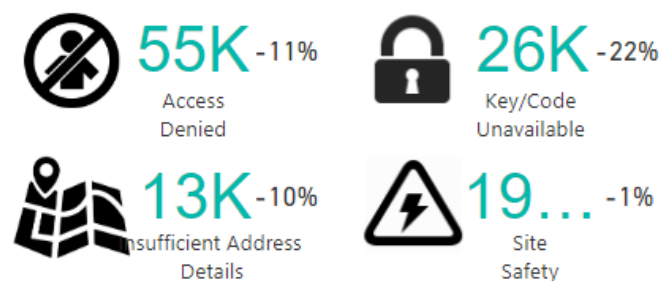
Risk ID:	007	Description:	This dashboard provides insight on whether the severity of a Settlement Risk is increasing from one month to another. The summary page provides the aggregated data in relation to each risk factor at an industry level. This is complemented by individual pages for each specific risk factor, which breaks down the data by different market segments (e.g. HH, NHH) and individual party level (e.g. Supplier,
Risk Title:	The risk that SVA metered data is not retrieved, such that the proportion of estimated data being used in Settlement contributes to performance standards not being met resulting in estimated data in Settlement.	Data Sources:	D0001 (Request Metering System Investigation) D0002 (Fault Resolution Report or Request for Decision on Further Action) D0004 (Notification of Failure to Obtain Reading)
Risk Owner:	Anna Millar	Limitation:	This report is based on industry data flows sent over the Data Transfer Network (DTN). It provides insight into market performance but not a complete view as vertically integrated BSC Parties may not use the DTN to communicate or exchange data with their Agents. Therefore this report should not be used as the only source of information for decision making in Performance Assurance Determinations.
Reporting Month:	August 2019		
Last Refresh:	13 Oct 2020 03:40 PM		
Technical Support:	risk@elexon.co.uk		

Risk 007 – Summary

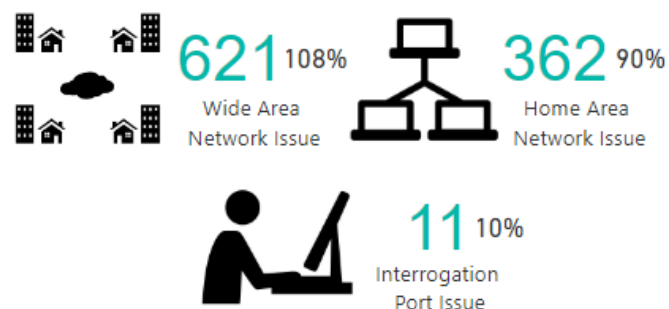
Risk Report 7: SVA Metered Data Summary & Settlements Performance

Reporting Month: August 2019

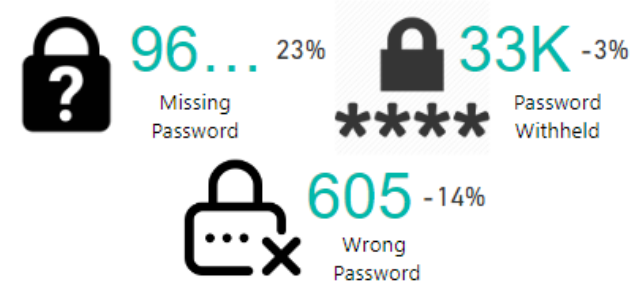
RF 7.1: Failure to Access the Meter



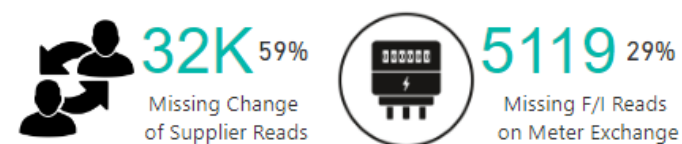
RF 7.3: Failure of remote reading systems and processes and manual reads are not obtained



RF 7.2: Failure to complete Site Visit due to insufficient information available



RF 7.4: Readings not obtained as prescribed by they BSC on Change of Supplier and Meter Exchange Events



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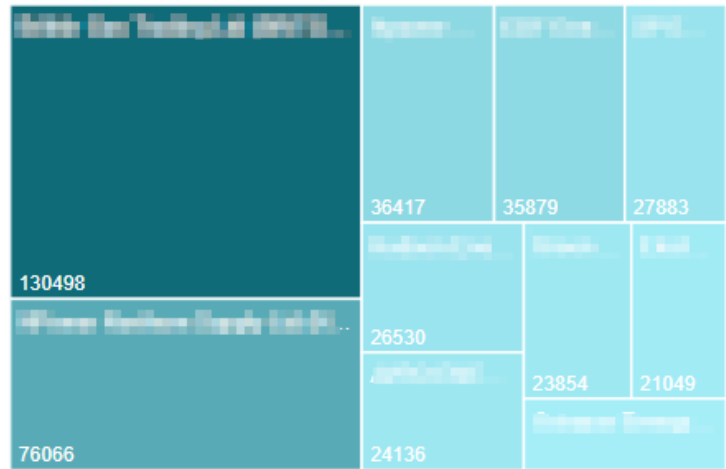
RF 7.1: Site Access Issues



Exelon has combined Site Visit Flows and assessed the number of Site Visits which resulted in a Failure to access the Meter, as well as the reason for the failure (Excl. Site Visits not attempted).
The Flows assessed are:
Request for Metering Sytem Investigation (D0001), Fault Resolution Report (D0002), Notification of Failure to Obtain Reading (D0004), Meter Readings* (D0010) sent to the LDSO, Confirmation or Rejections of Energisation Status Change (D0139), and Notification of Failure to Install or Energise a Metering System (D0221)
* Only Routine, Initial, Final, and Special Reads

Reporting Month: August 2019

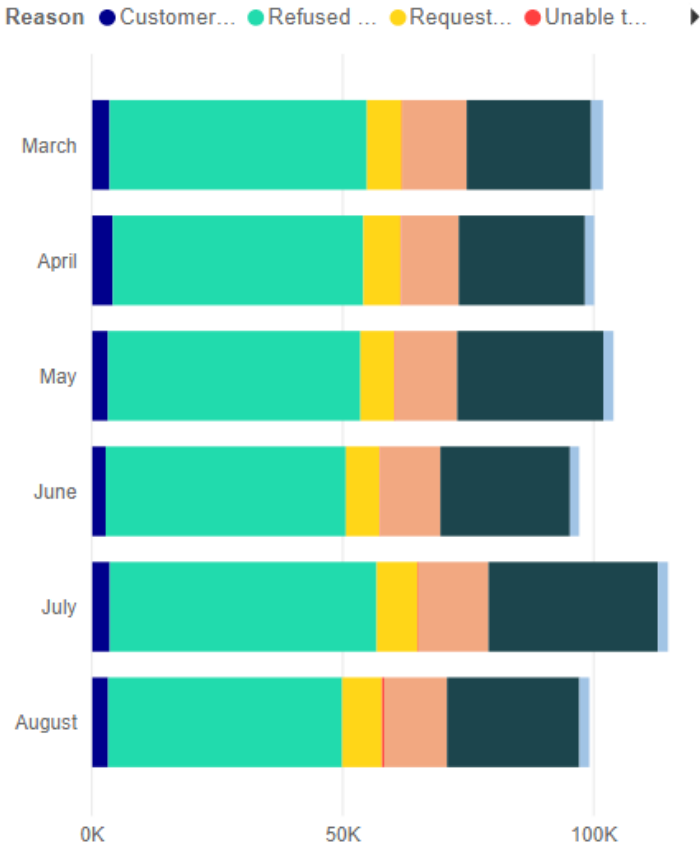
Top 10 BSC Parties by number of site access issues



Site Access Issues

BSC_Party	March	April
Delmar Power, Inc. (D0001)	2	2
Delmar Power, Inc. (D0002)	316	698
Delmar Power, Inc. (D0004)	871	707
Delmar Power, Inc. (D0010)	7	14
Delmar Power, Inc. (D0139)		
Delmar Power, Inc. (D0221)		
Delmar Power, Inc. (D0001)	12	6
Delmar Power, Inc. (D0002)	1209	937
Delmar Power, Inc. (D0004)	278	296
Delmar Power, Inc. (D0010)		
Total	101835	100102

Trend for the last 6 Months



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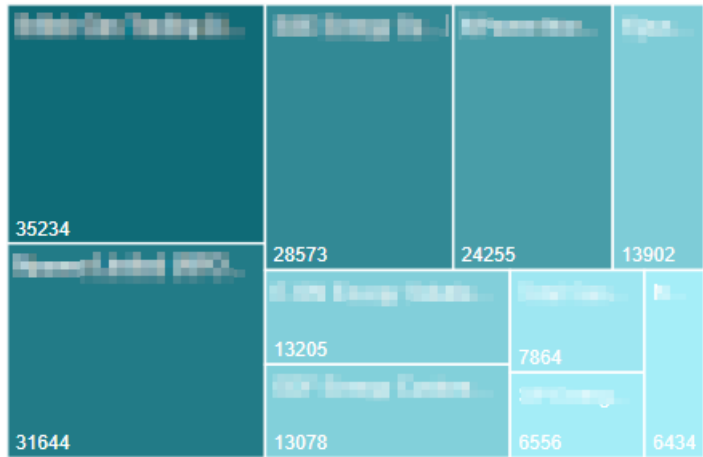
RF 7.2: Meter and Site Details and Information Necessary for obtaining Reads are Incomplete, Inaccurate or Missing



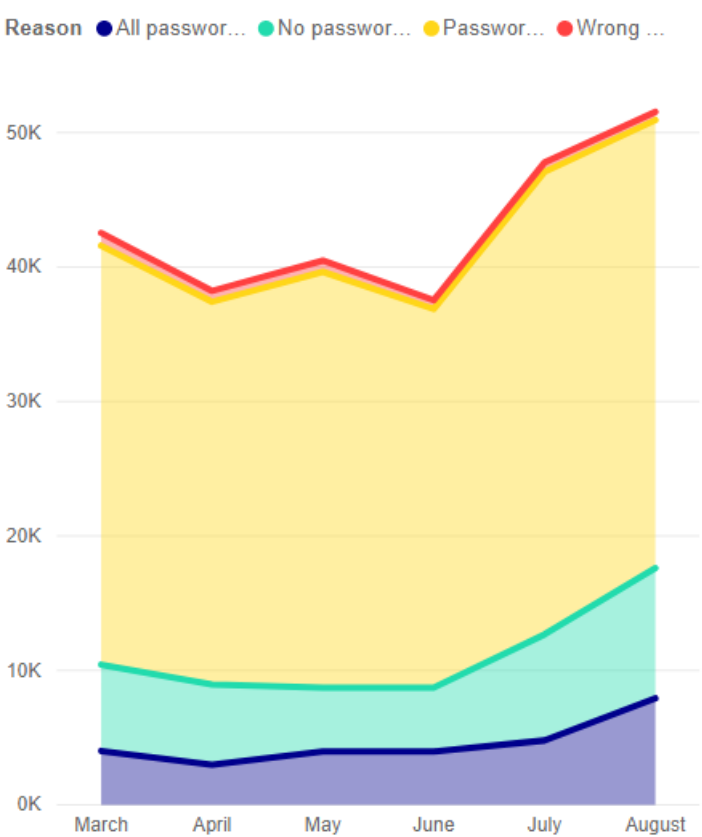
Elxon has combined Site Visit Flows and assessed the number of Site Visits that could not be conducted due to insufficient information being available (Excl. Site Visits not attempted). The Flows assessed are: Request for Metering Sytem Investigation (D0001), Fault Resolution Report (D0002), Notification of Failure to Obtain Reading (D0004), Meter Readings* (D0010) sent to the LDSO, Confirmation or Rejections of Energisation Status Change (D0139), Notification of Failure to Install or Energise a Metering System (D0221), NHH MTDs for remote communication Meters (D0150), and Auxilliary MTDs (D0313). * Only Routine, Initial, Final, and Special Reads

Reporting Month: August 2...

Top 10 BSC Parties by number of password issues



Trend for the last 6 Months



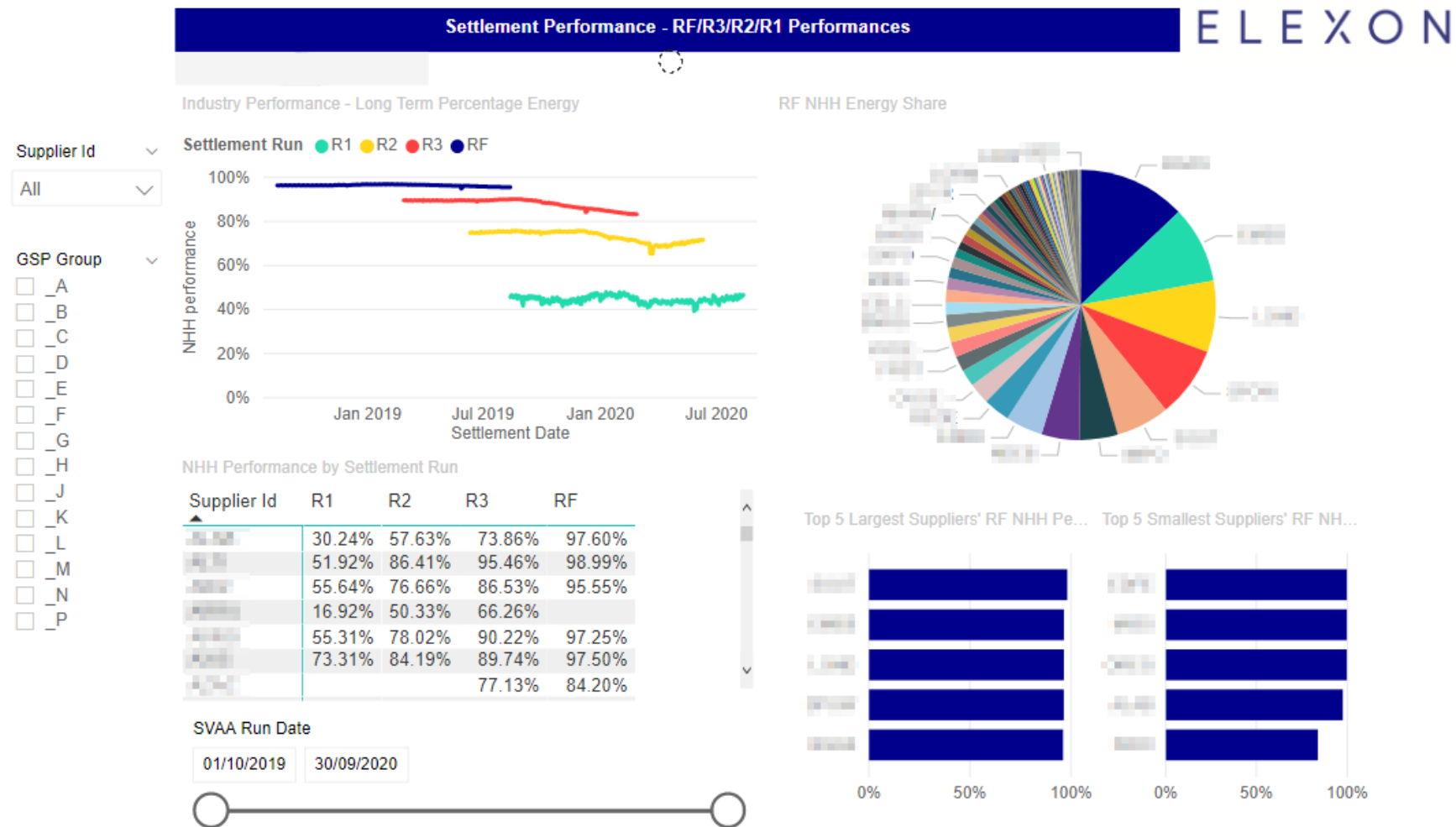
Password Issues

BSC_Party	March	April	May	June	July	August
...	6426	5338	5391	5323	6853	5903
...	8474	4246	3945	3623	6640	4716
...	4007	4009	3637	3830	4938	8152
...	1164	2655	4652	4052	5425	6307
Total	38525	35230	36513	33577	42986	43618

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Risk 007 – Settlement Performance Summary



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