PARR DASHBOARDS

17TH JANUARY 2023

Gemserv

MAKING THINGS THAT MATTER WORK BETTER

Report measures the average percentage across all shippers portfolio in each market, where estimated reads were provided. Count of each Shippers portfolio where check reads were not provided

PC1

Industry movement:
↑ 0.44% - Monthly change
↓ 14.35% - Annual change

Monthly changes:
↑ 6.11% Saipan   ↓1.92% Brazzaville
↑ 6.67% Luanda   ↓6.13% Taipei
↑ 60% Khartoum   ↓69.09% Monaco

PC2

Industry movement:
↓ 3.49% - Monthly change
↑ 0.63% - Annual change

Monthly changes:
↑ 0.51% Papeete   ↓8.67% Phillipsburg
↑ 7.38% Athens   ↓15.90% Manama
↑ 10% Luanda   ↓28.49% Lisbon

2A.1 Percentage of Estimated Reads for PC1 & PC2

2A.1 Count of Check Reads not completed for PC1 and PC2

Observations:

- PC1 estimated readings have increased since June 2022 however remain under 10% since this date

- PC2 estimated readings continue to fluctuate month by month but have remained under 26% in the last 6 calendar months

- The number of uncompleted check reads in both PC1 & PC2 categories have remained relatively steady over the last 12 calendar months
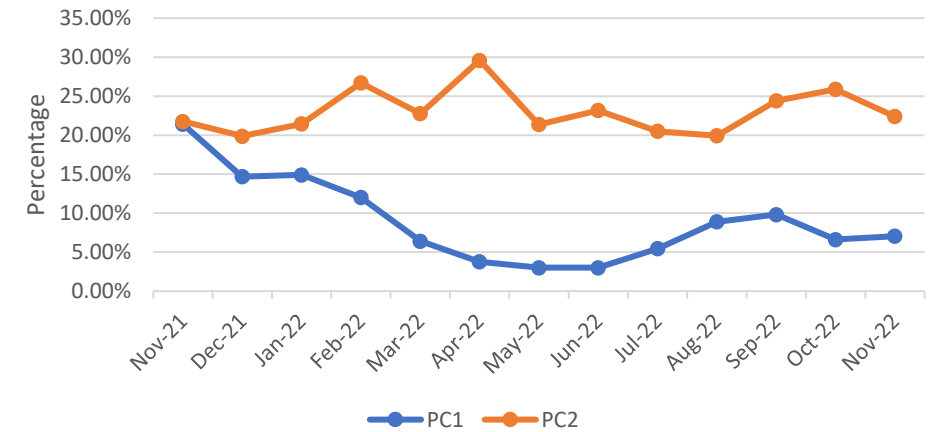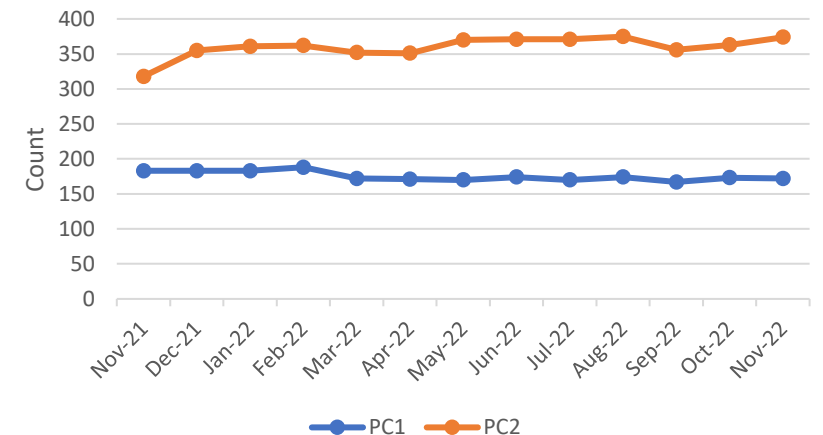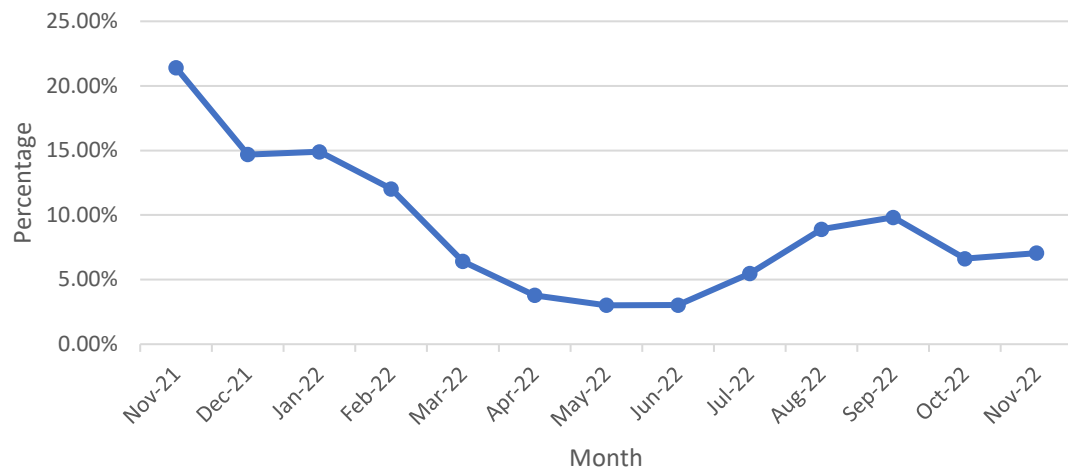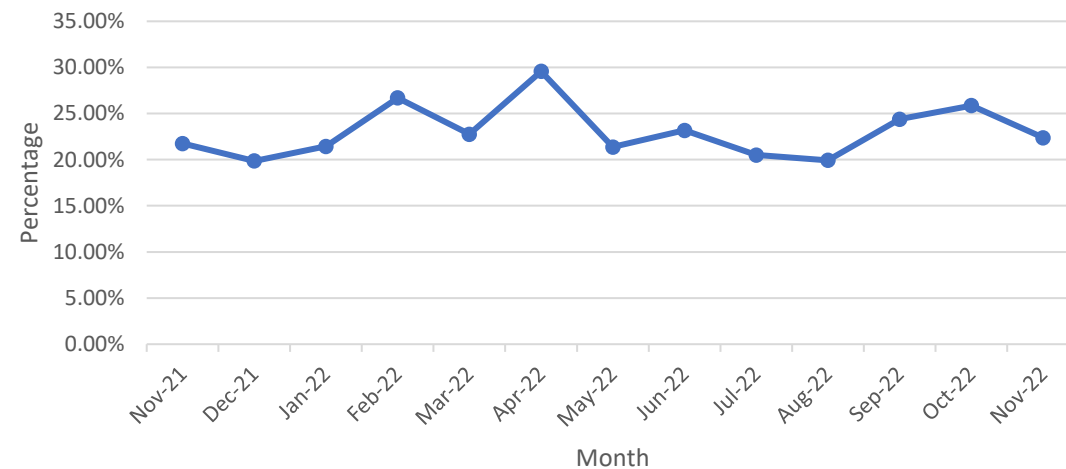
2A.1 ESTIMATED & CHECK READS – PRODUCT CLASSES 1 & 2
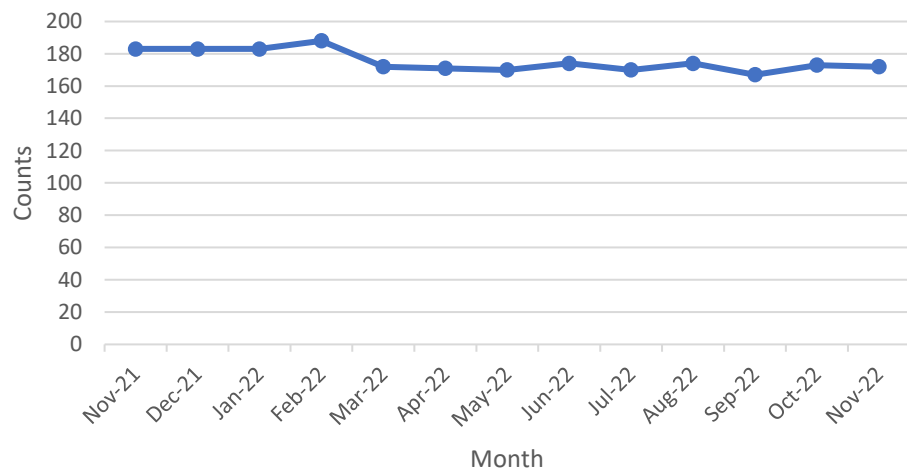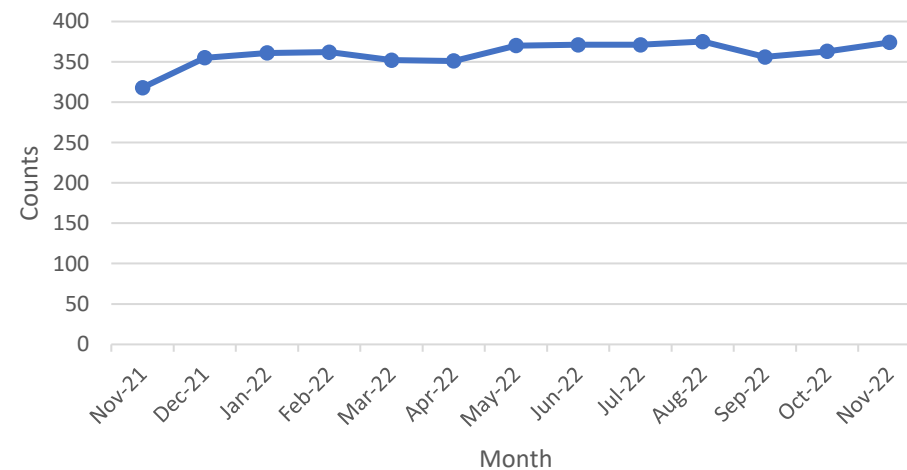
2A.1 ESTIMATED & CHECK READS – PRODUCT CLASSES 1 & 2

2A.1- 12 Month comparison (Average of PC1 Estimated Reads)

2A.1- 12 month comparison (Average of PC2 Estimated Reads)
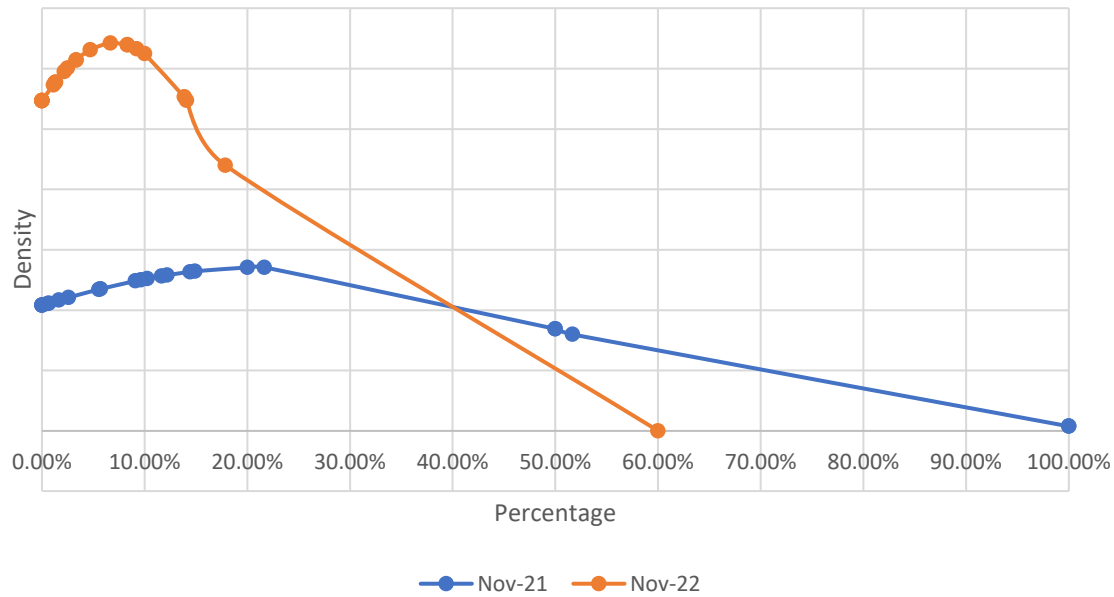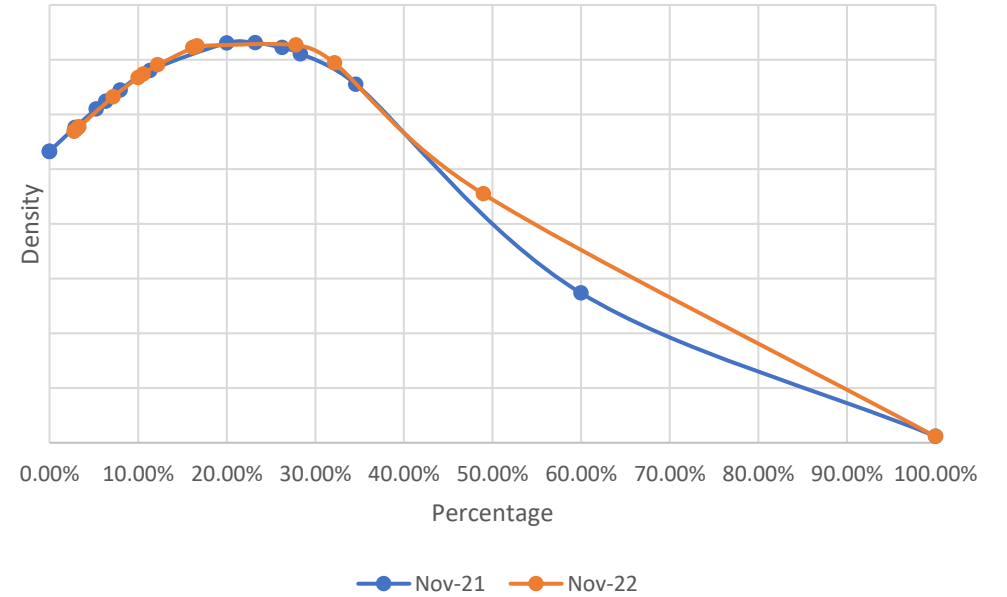
2A.2 – NO METER RECORDED

Report measures the percentage of each shippers portfolio where no meter recorded in the supply point register

PC1

0% for all shippers

PC2

Highest shippers:
Tehran 100%

PC3

Highest shippers:
Roseau 0.09%
Praia 0.17%
Mogadishu 0.27%

PC4

Highest shippers:
Saipan 8.45%
Reykjavik 12.50%
Luxembourg 42.11%

2A.2 Percentage of No Meter recorded by Product Class
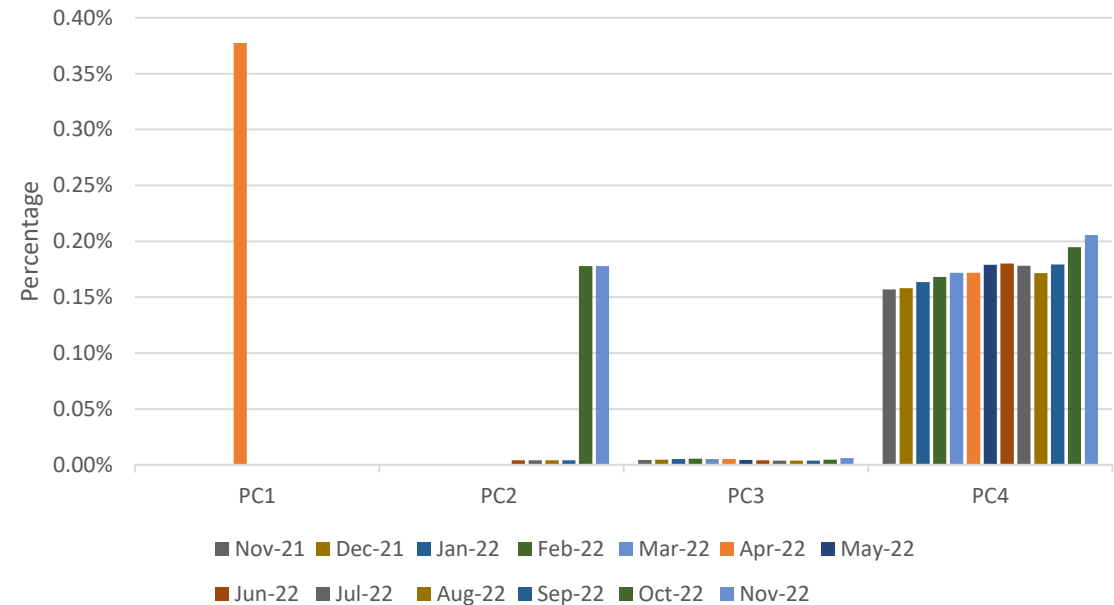
Observations:

- The percentage values within PC3 & PC4 categories have gradually increased over the course of the calendar year this is also reflected in the volume of SPs with no meter recorded in these markets.
- PC3 (by volume of SPs) has reached a 12 month high in the month of November 2022
- PC4 (by volume of SPs) has also reached a 12 month high in the month of November 2022

2A.3 NO METER RECORDED AND DATA FLOWS RECEIVED

Report measures the percentage of each shippers portfolio where no meter recorded in the supply point register and data flows received

PC1
0% for all shippers

PC2
0% for all shippers

PC3

Highest shippers:
Praia 0.05%
Roseau 0.09%

PC4

Highest shippers:
Roseau 0.57%
Belmopan 0.82%
Saipan 5.63%

2A.3 No Meter recorded by Product Class and data flows received
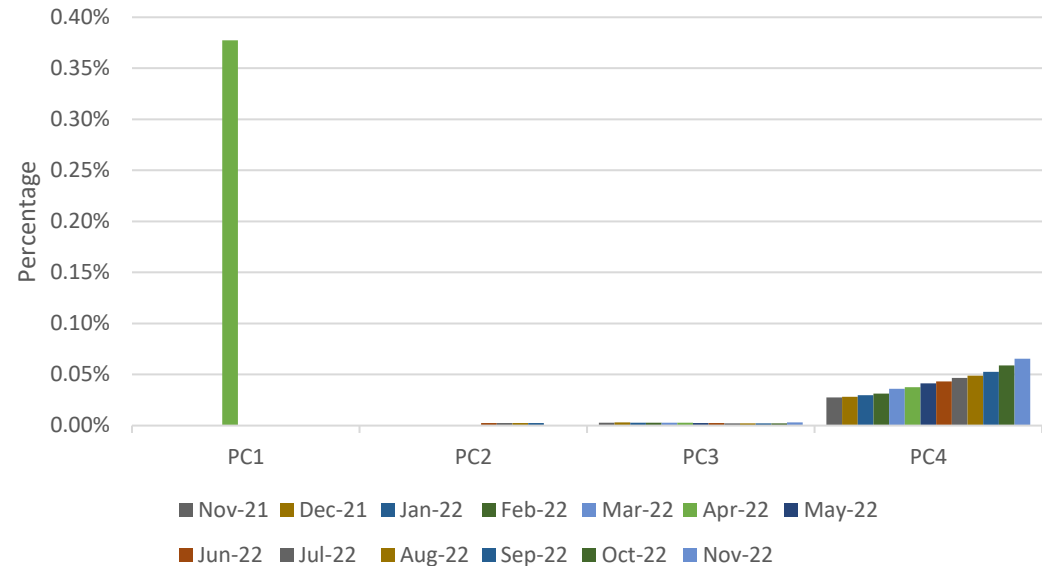
Observations:
- The percentage values within PC3 & PC4 categories have gradually increased over the course of the calendar year this is also reflected in the volume of SPs with no meter recorded in these markets.
- PC3 (by volume of SPs) has reached a 12 month high in the month of November 2022
- PC4 (by volume of SPs) has also reached a 12 month high in the month of November 2022

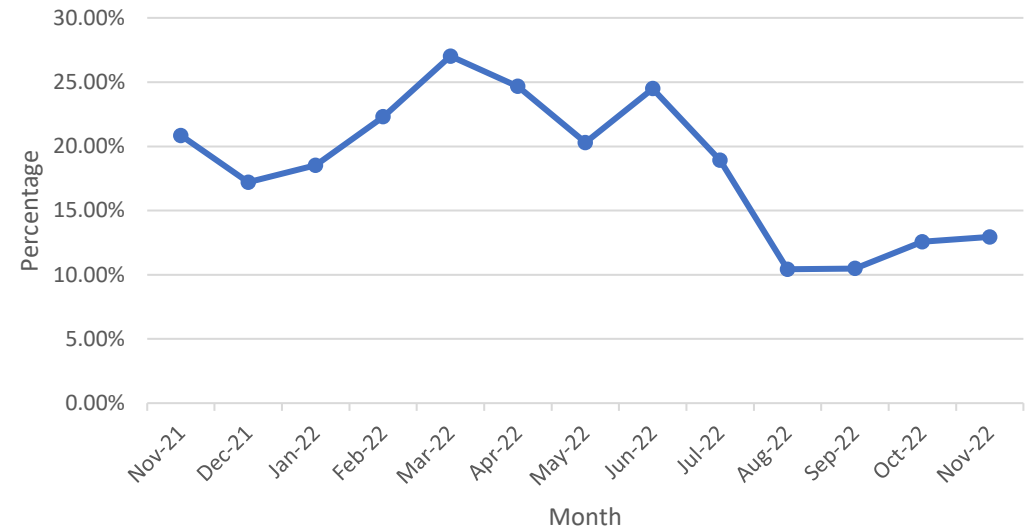# 2A.4 – SHIPPER TRANSFER READ PERFORMANCE

Report measures the percentage of Shipper portfolio of opening meter readings provided by the incoming Shipper passing read validation following confirmation

Industry movement:

↑ 0.38% Monthly change
↓ 7.91% Annual change

2A.4 Percentage of opening meter reads provided by industry total

Observations:

- This particular subject matter is currently under review by PAFA in conjunction with the CDSP with available datasets being analysed to ensure that data presented to PAC is as accurate as possible and reflects Shipper Transfer Read Performance statistics accordingly
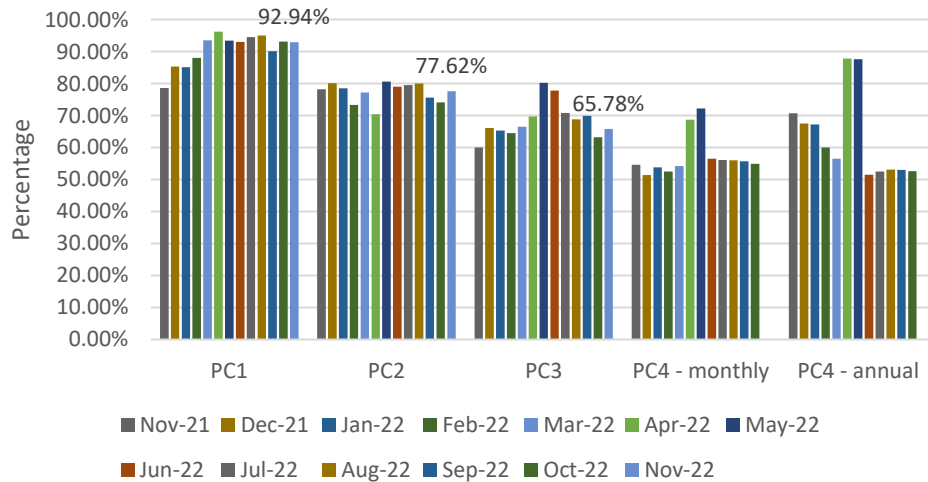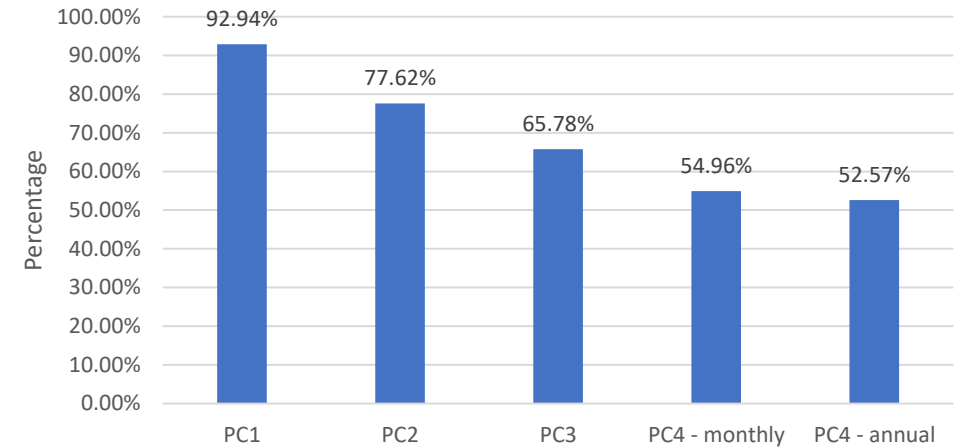
2A.5 – READ PERFORMANCE

Report measures the average percentage of Shipper portfolio submitting reads in November 2022.

PC4 Monthly and Annually read measures the average percentage of Shipper portfolio submitting reads in October 2022.

2A.5 Percentage of Product Class read submissions

Legend: Nov-21, Dec-21, Jan-22, Feb-22, Mar-22, Apr-22, May-22, Jun-22, Jul-22, Aug-22, Sep-22, Oct-22, Nov-22

2A.5 Industry average percentage of Product Class read submissions

Values: PC1 92.94%, PC2 77.62%, PC3 65.78%, PC4 - monthly 54.96%, PC4 - annual 52.57%

Poorest performing Shippers:

PC1	PC2	PC3	PC4 (Monthly)	PC4 (Annual)
40% Khartoum	0% Tehran	0% Avarua	0% Apia	20 Shippers with 0%
82.13% Thimphu	51.03% Saipan	0% Paramaribo	0% Berlin	
85.91% Valletta	67.82% Thimphu	0% Sarajevo	0% Djibouti	
		0% Valletta	0% Gibraltar	
			0% Luxembourg	
			0% Majuro	
			0% Maputo	
			0% Reykjavik	
			0% Vienna	

2A.5 – READ PERFORMANCE (PC1)

Read Performance - PC1

2A.5 Distribution of percentage of PC1 sites providing meter reads

2A.5 – READ PERFORMANCE (PC2)

Read Performance - PC2

2A.5 Distribution of percentage of PC2 sites providing meter reads
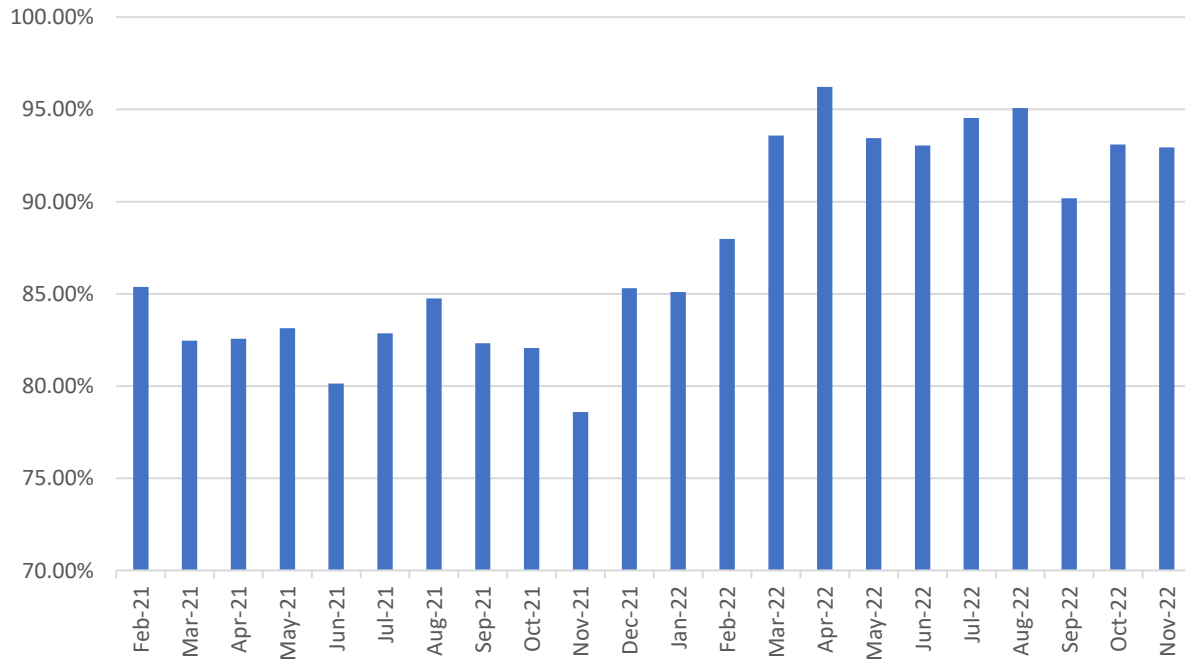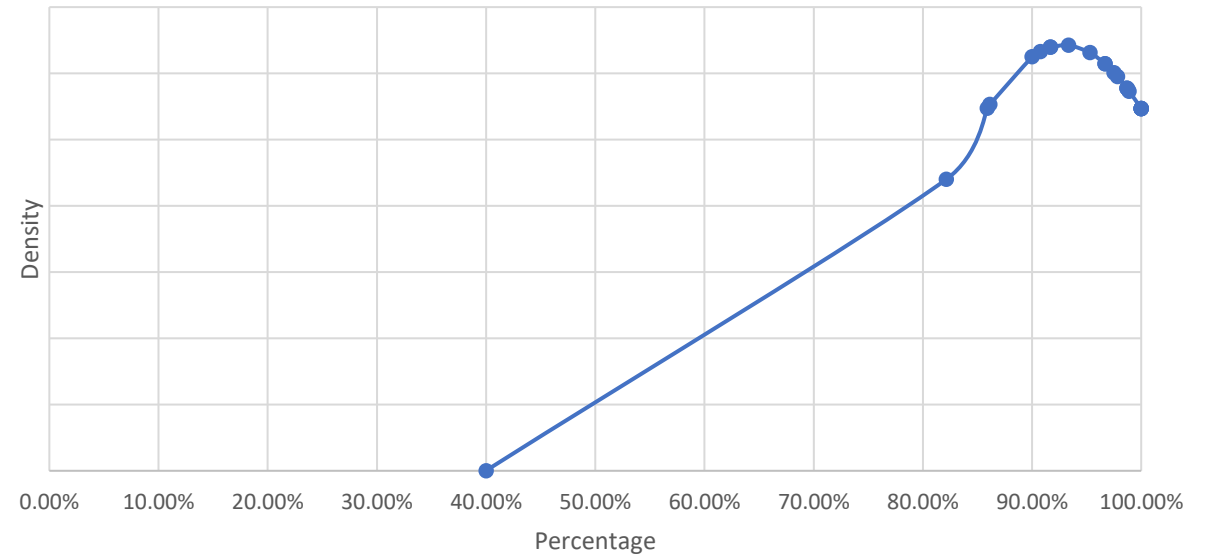
2A.5 – READ PERFORMANCE (PC3)

Read Performance - PC3
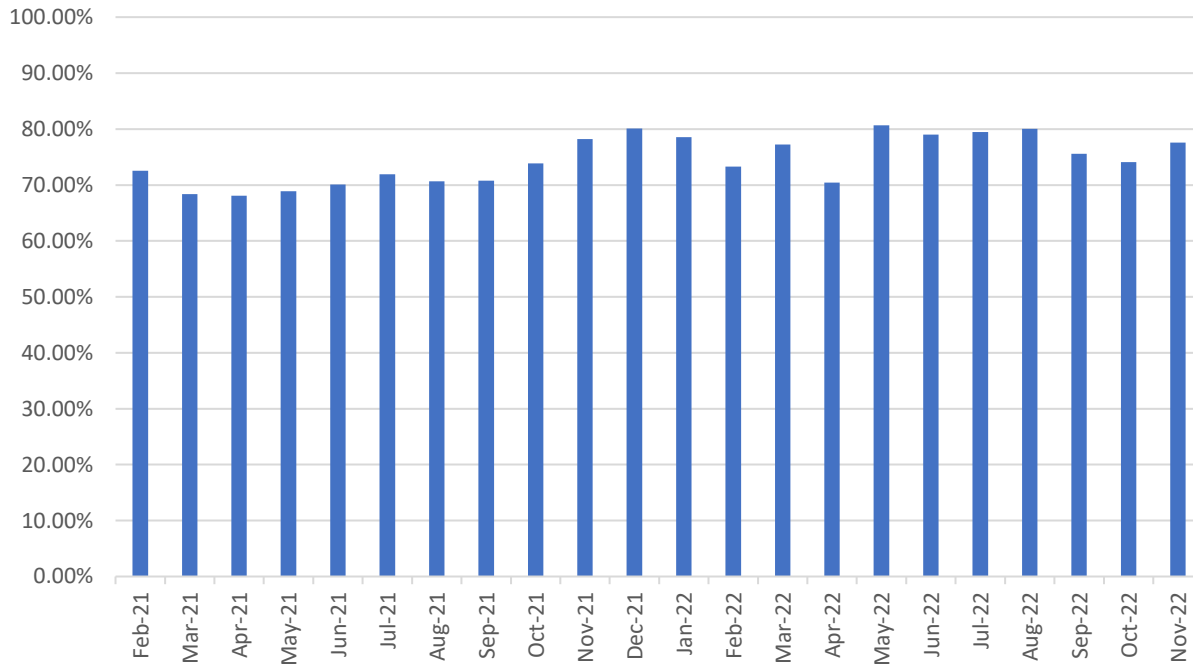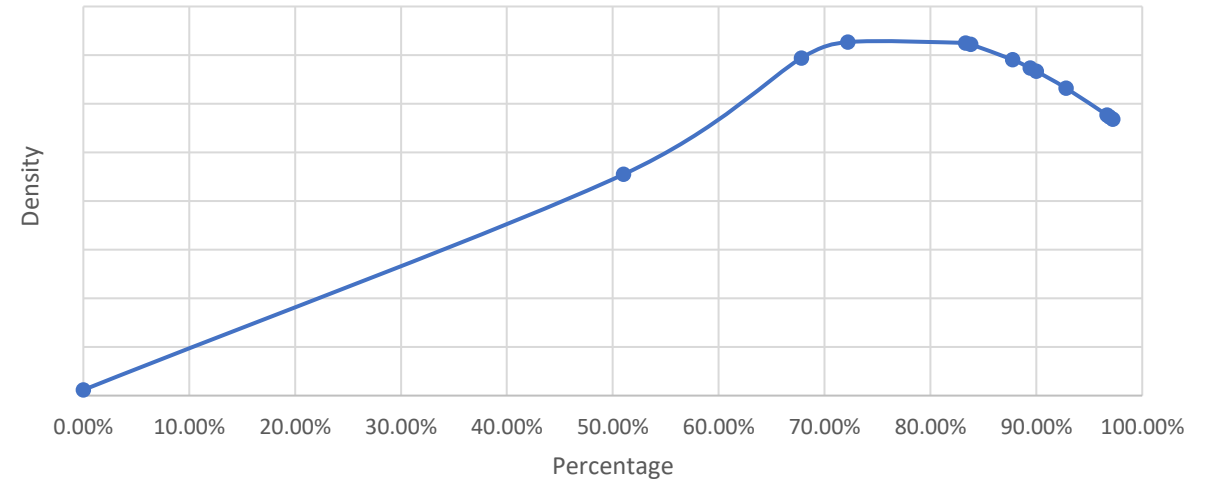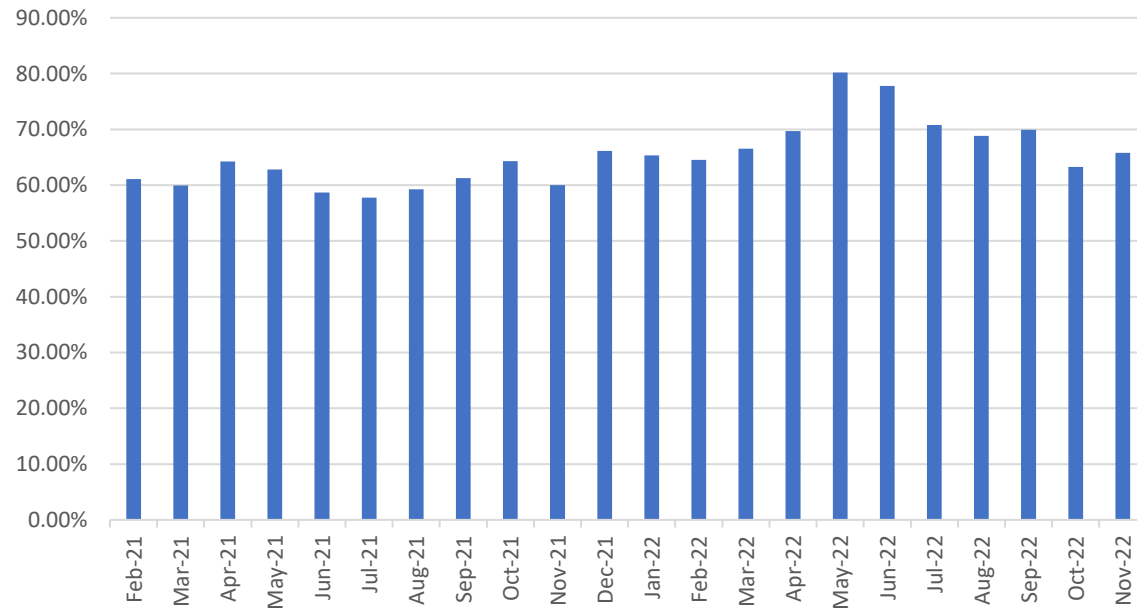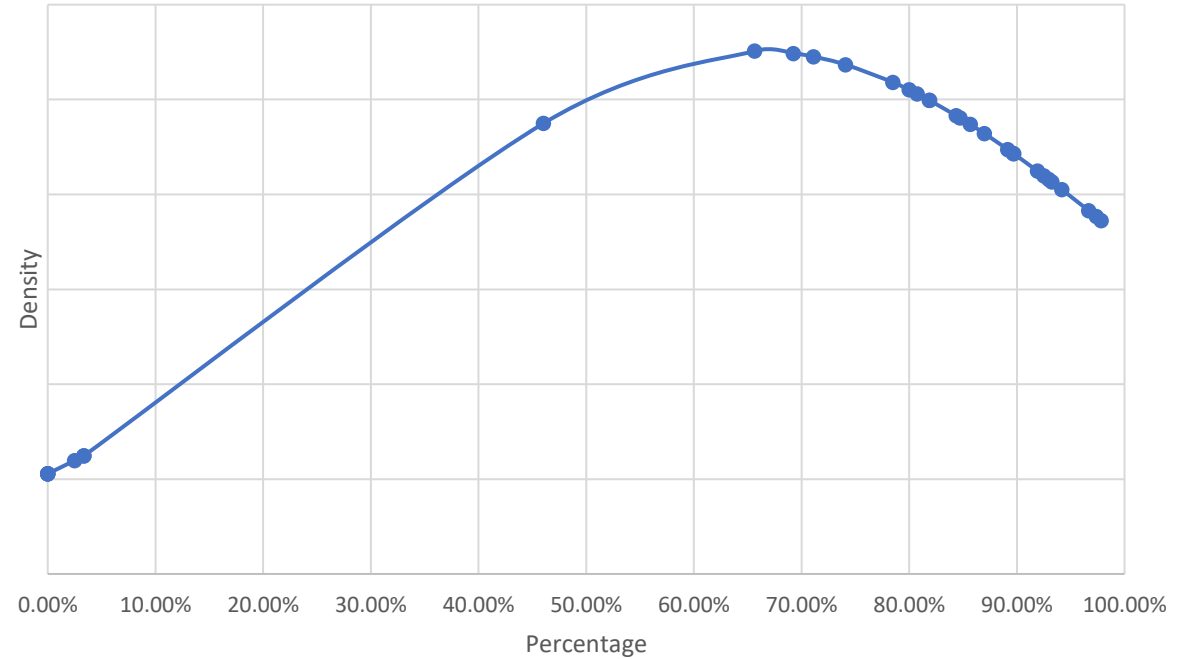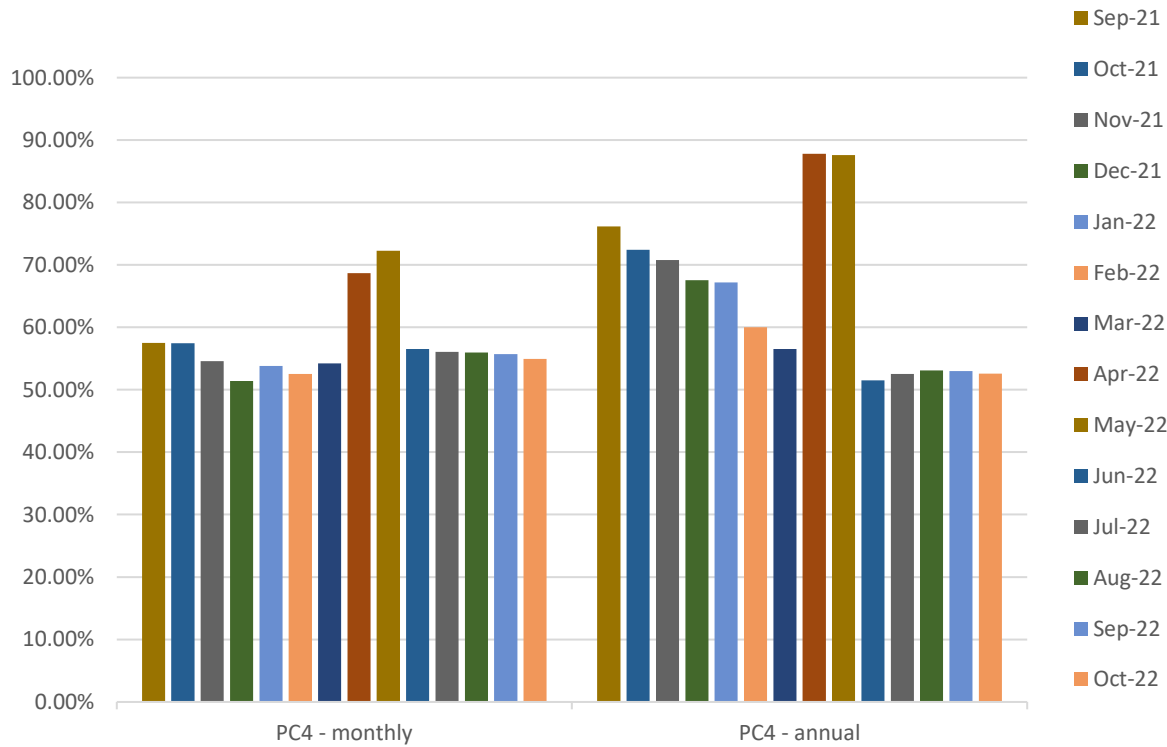
2A.5 Distribution of percentage of PC3 sites providing meter reads

2A.5 – READ PERFORMANCE (PC4)

Read Performance - PC4

2A.5 Distribution of read performance for PC4 Monthly sites
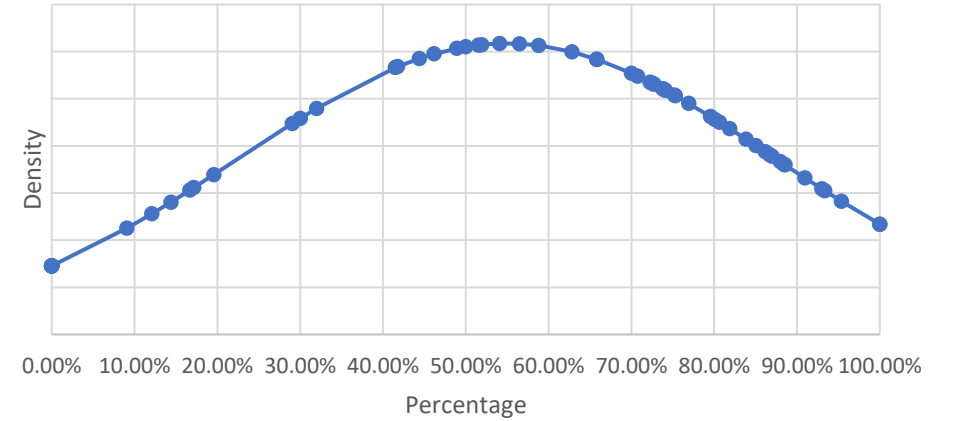
2A.5 Distribution of percentage of PC4 Annual sites providing meter reads
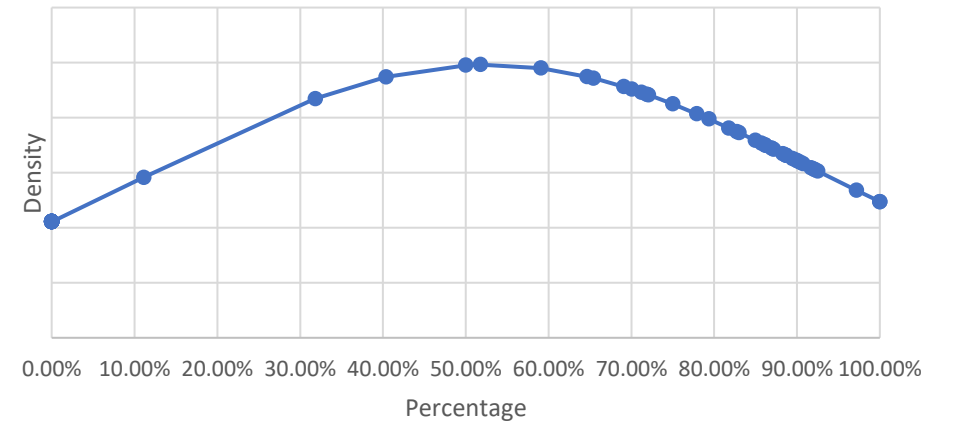
2A.6 METER READ VALIDITY MONITORING

Report measures the percentage of Shipper portfolio where readings submitted failed read validation

2A.6 Industry total percentage of meter read validity failure by Product Class - November 2022
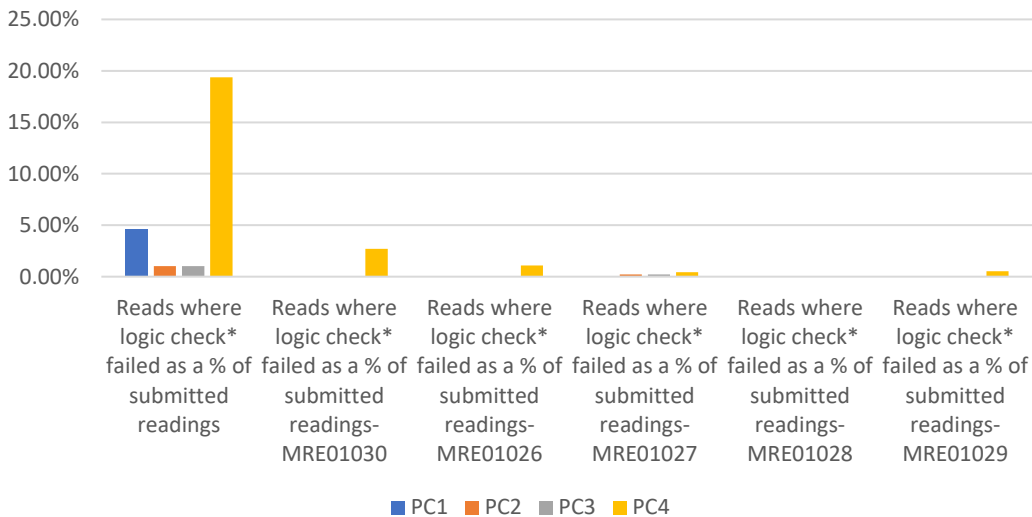
Product Class	Reads where logic check* failed as a % of submitted readings	MRE01030	MRE01026	MRE1027	MRE01028	MRE01029
1	Mogadishu – 50.01%					
2	Thimphu – 36.56%	Saipan – 3.18%	Saipan– 1.25%	Thimphu – 0.55%		Saipan – 0.48%
3	Valletta – 100%	Monaco – 22.57%	Khartoum – 0.21%	Khartoum – 2.96%		Khartoum – 22.62%
4	Warsaw – 83.69%	Yerevan – 35.55%	Apia– 3.46%	Niamey – 33.33%		Khartoum – 37.50%

2A.7 NO READS RECEIVED FOR 1, 2, 3 OR 4 YEARS – PRODUCT CLASS 1

All reports measures the percentage of Shipper portfolio in the specified AQ band without a meter reading for the specified period

PC1 - EUC09

2A.7 NO READS RECEIVED FOR 1, 2, 3 OR 4 YEARS – PRODUCT CLASS 2

2A.7 NO READS RECEIVED FOR 1, 2, 3 OR 4 YEARS – PRODUCT CLASS 2

PC2 - EUC06

PC2 - EUC07

PC2 - EUC08

PC2 - EUC09

2A.7 NO READS RECEIVED FOR 1, 2, 3 OR 4 YEARS – PRODUCT CLASS 3

PC3 - EUC01

PC3 - EUC02

PC3 - EUC03

PC3 - EUC04

2A.7 NO READS RECEIVED FOR 1, 2, 3 OR 4 YEARS – PRODUCT CLASS 3

2A.7 NO READS RECEIVED FOR 1, 2, 3 OR 4 YEARS – PRODUCT CLASS 3

PC3 - EUC09

2A.7 NO READS RECEIVED FOR 1, 2, 3 OR 4 YEARS – PRODUCT CLASS 4

2A.7 NO READS RECEIVED FOR 1, 2, 3 OR 4 YEARS – PRODUCT CLASS 4
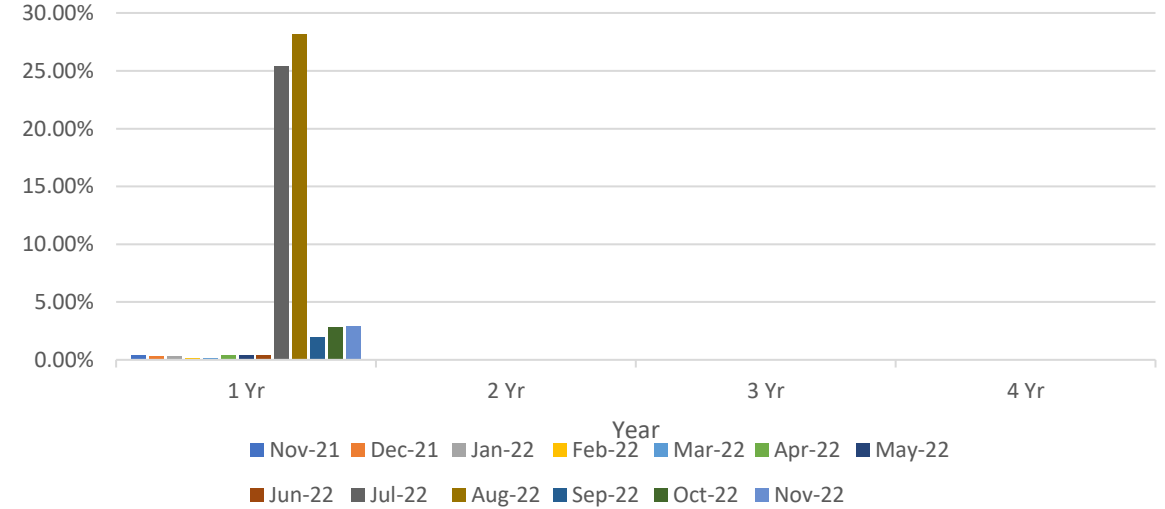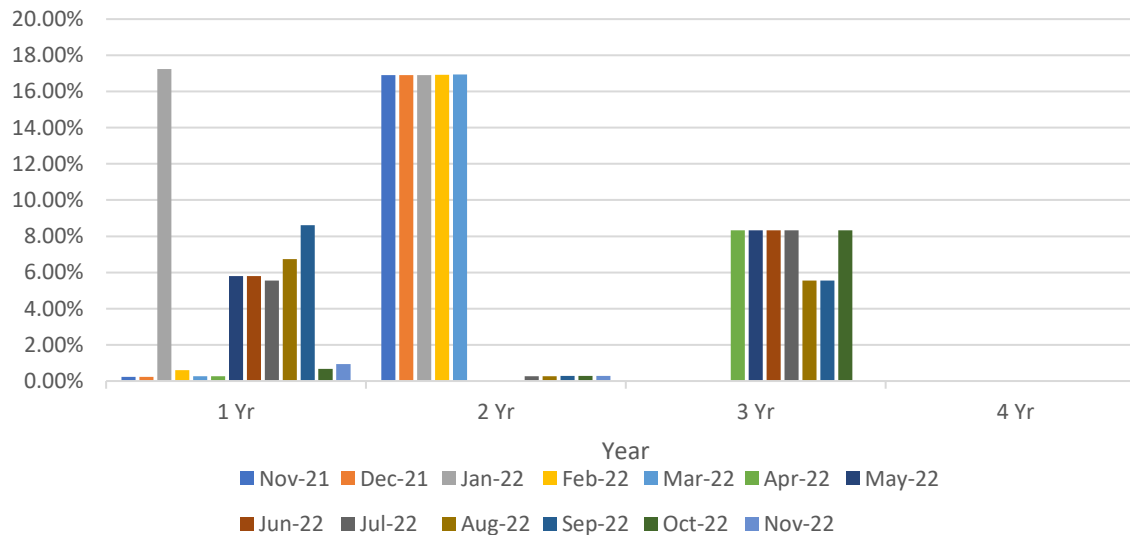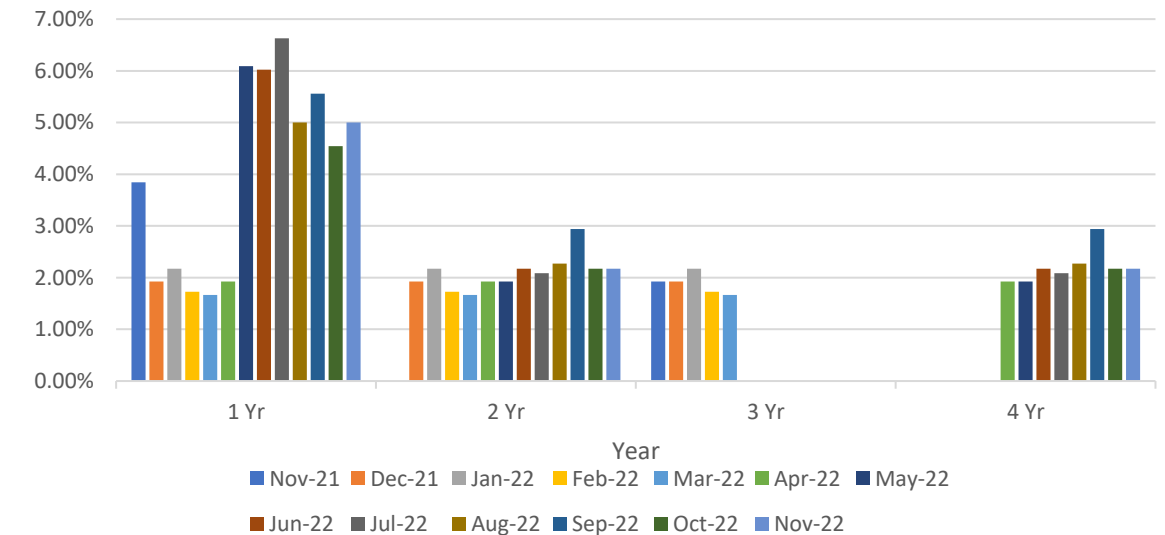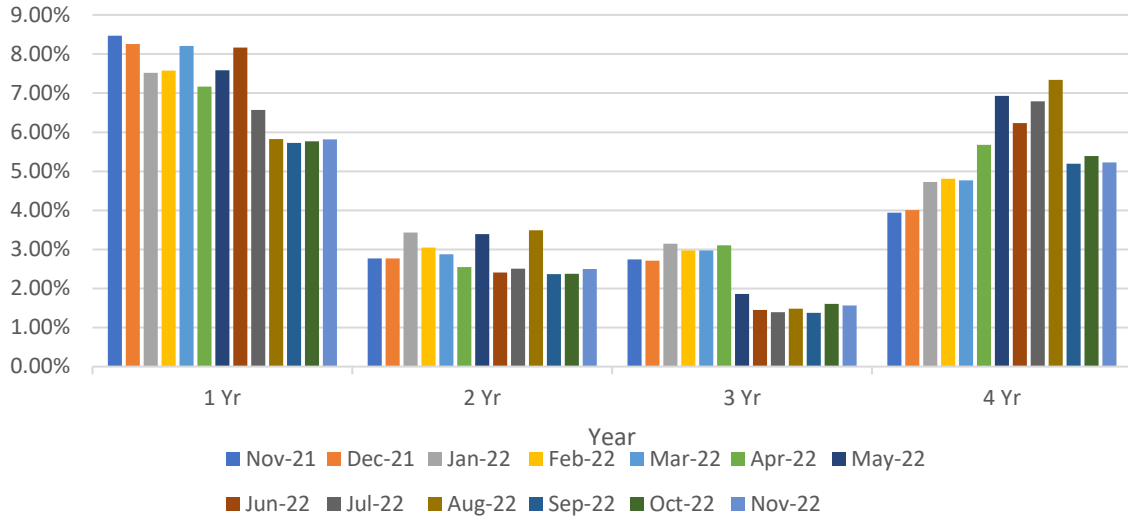
PC4 - EUC09
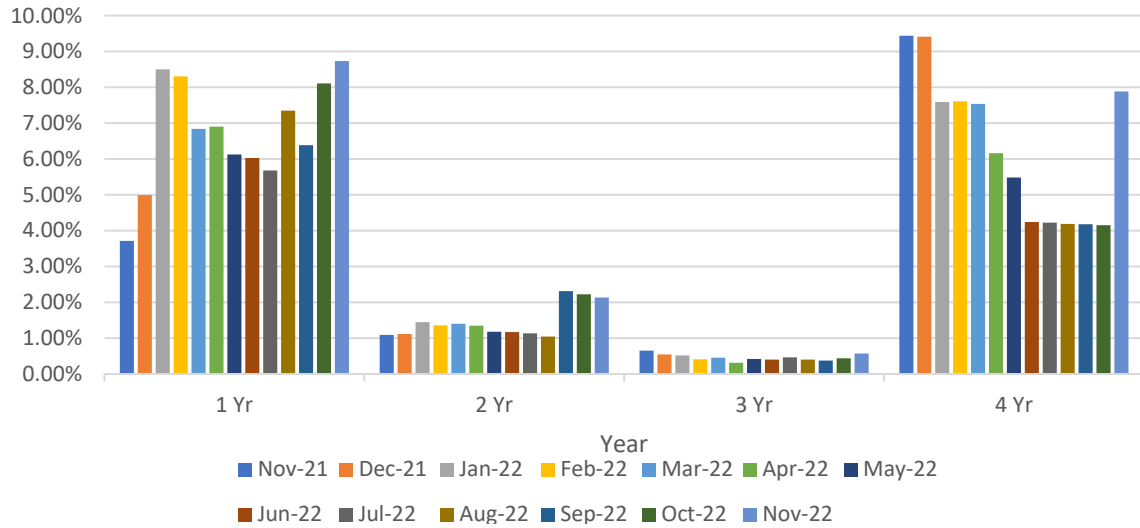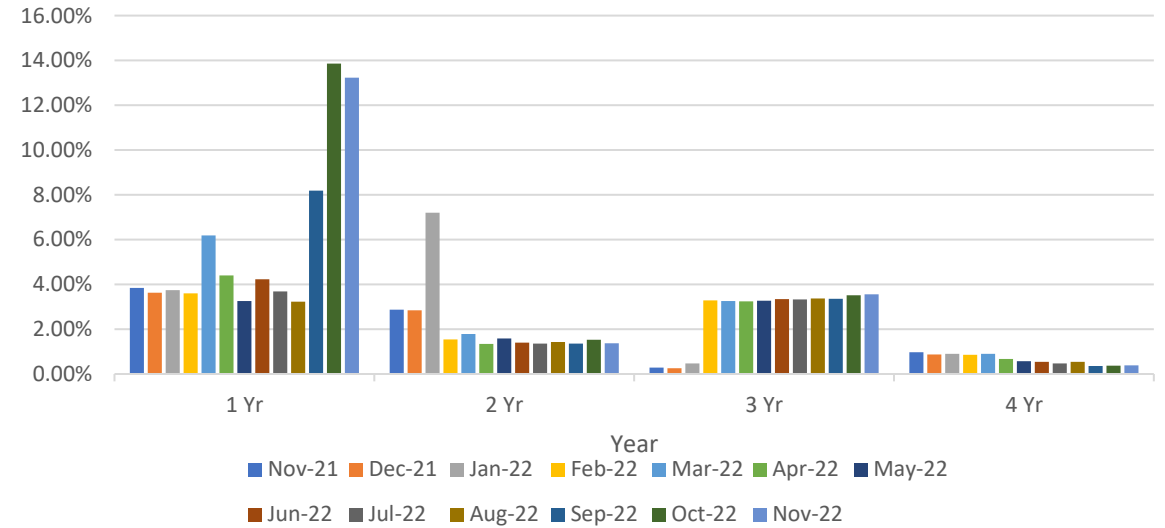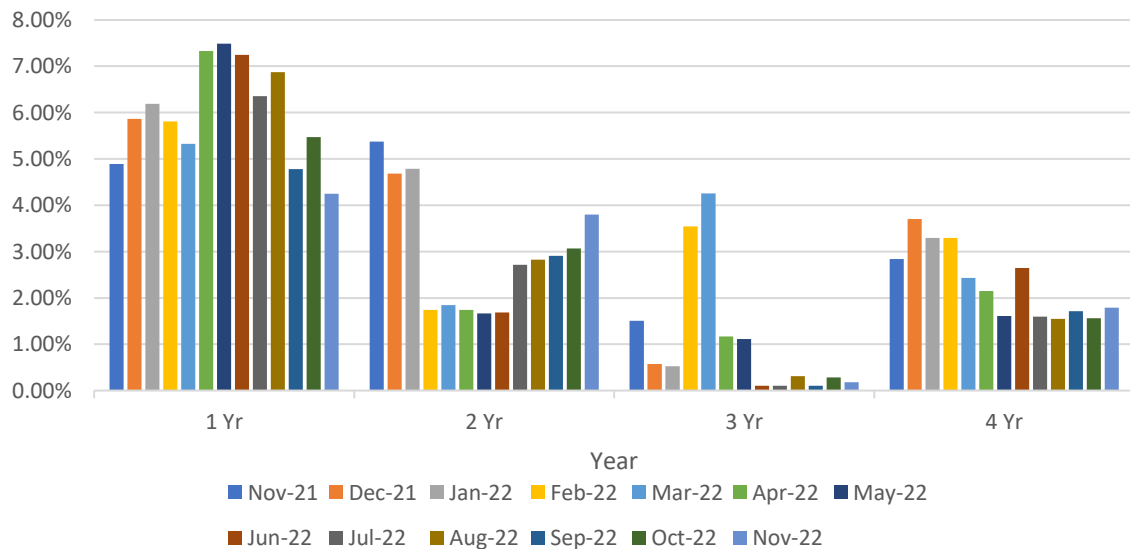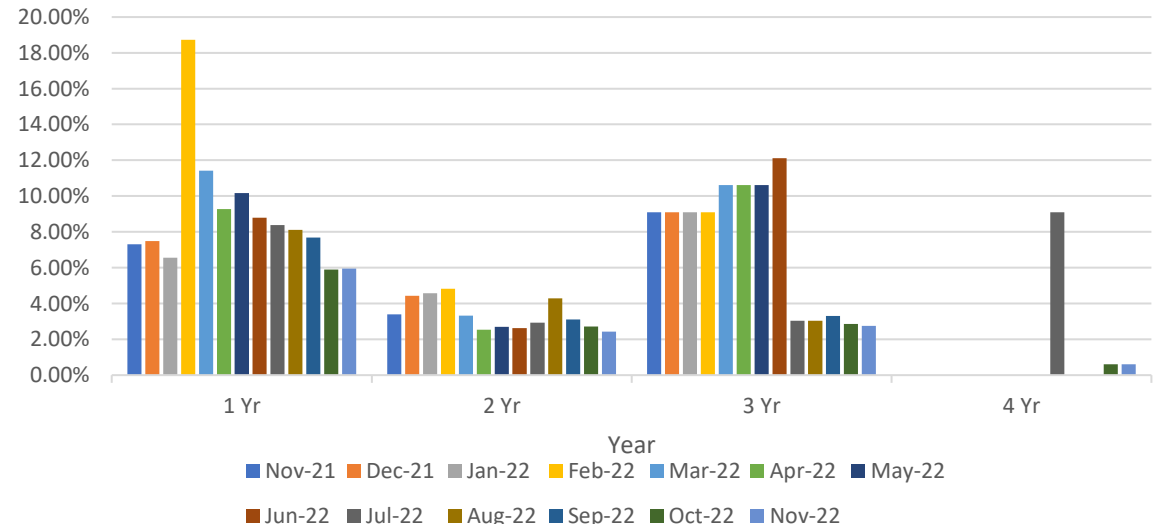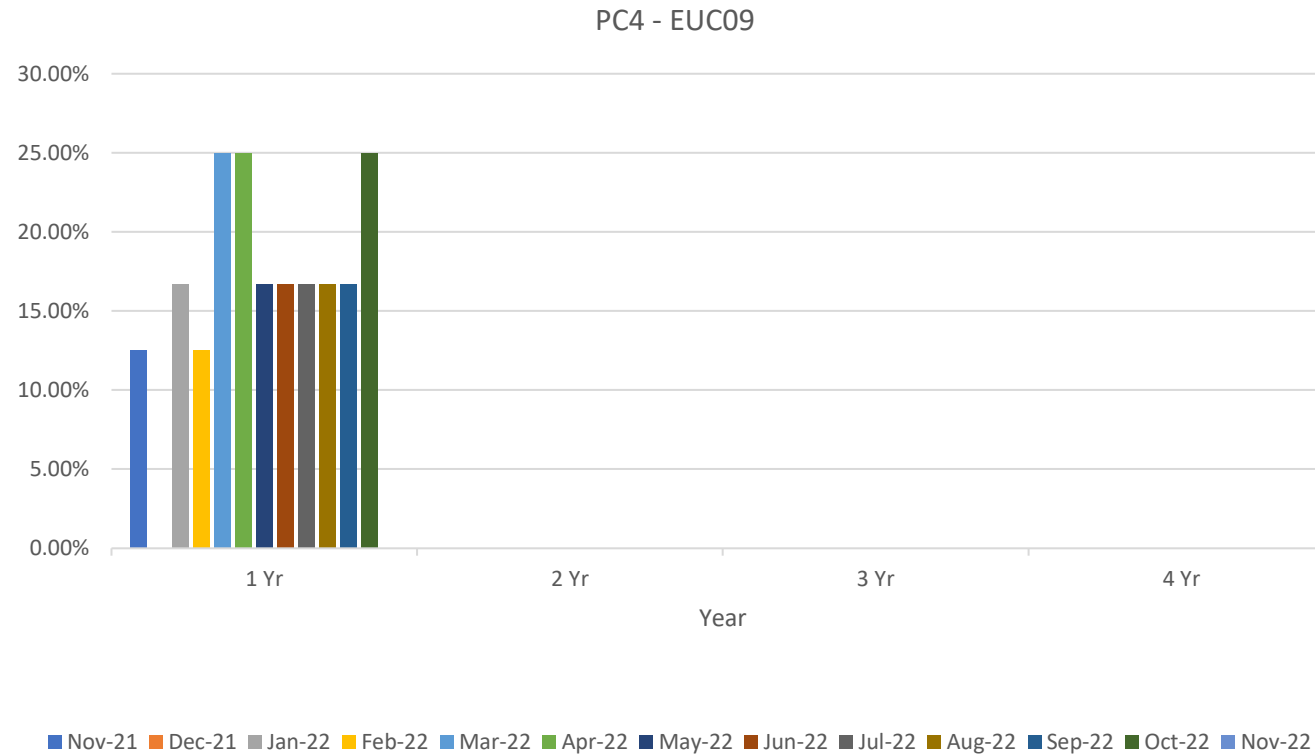
2A.8 AQ CORRECTION BY REASON CODE

Report measures the count of Shipper Portfolio of MPRNs where successful AQ Correction(s) has been submitted

Changes in total number of AQ corrections used

Reason Code 01- Confirmed Theft
No Monthly or Annual Change

Reason Code 02- Change in Consumer Plant
↓ **792** Monthly Change
↑ **306** Annual Change

Reason Code 03- Commencement of New Business
↓ **3** Monthly Change
↓ **43** Annual Change

Reason Code 04- Tolerance Change
↓ **62** Monthly Change
↓ **177** Annual Change

2A.8 Count of AQ Corrections used by reason code
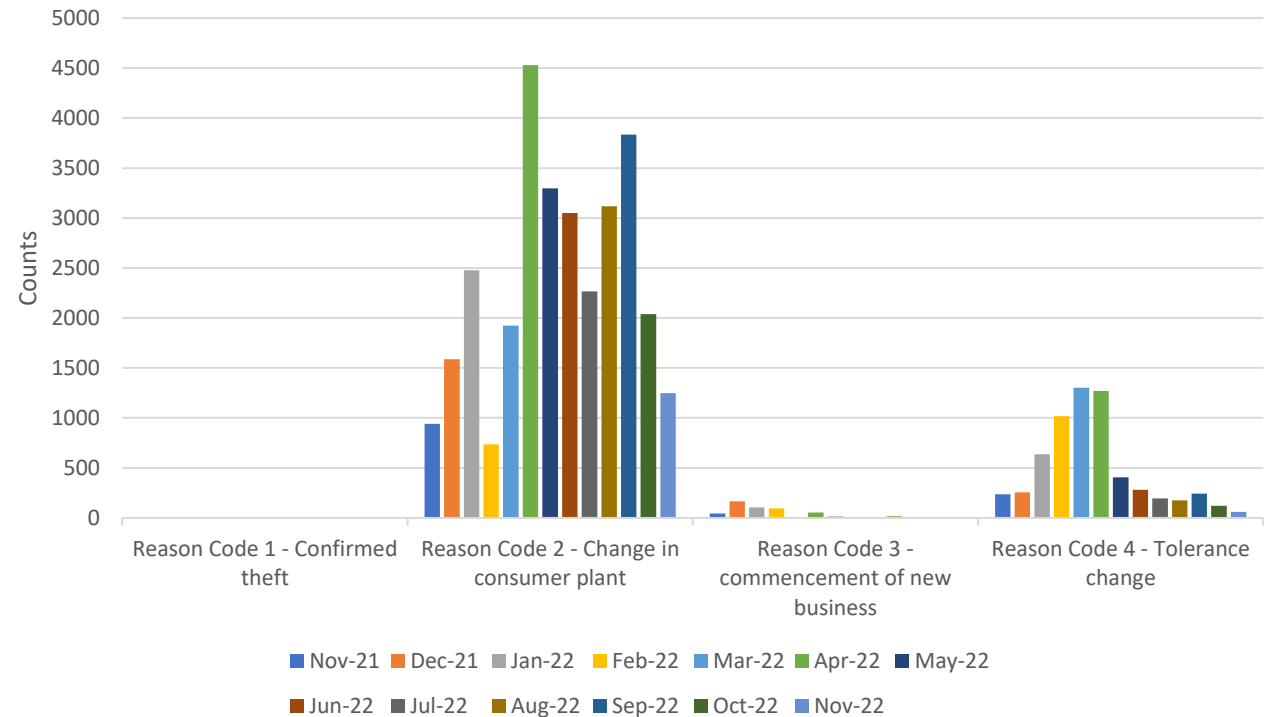
Observations:
- Discussions have taken place at prior PAC meetings in respect of the correct usage of AQ Correction Reason Code '02' (Change in Consumer Plant) by Shipper parties in line with UNC rules & obligations
- PAFA will continue to closely monitor this subject matter with due consideration to the development of modification of "Modification 0816S – Updates to AQ Correction Processes"

2A.9 STANDARD CF AQ > 732,000 KWH

Report measures the count of sites with an AQ >732,000 kWh whereby a standard correction factor (1.02264) is associated with the relevant SP yet an individual (bespoke) correction factor is required

EUC04

↑ **52** Monthly Change
↑ **41** Annual Change

EUC07

No Monthly Change
↑ **1** Annual Change

EUC05

↑ **7** Monthly Change
↑ **33** Annual Change

EUC08

↑ **3** Monthly Change
↑ **5** Annual Change

EUC06

↑ **3** Monthly Change
↑ **20** Annual Change

EUC09

↓ **3** Monthly Change
↓ **6** Annual Change

2A.9 Count of sites above >732,000 kWh using standard CF

Legend: EUC05, EUC06, EUC07, EUC08, EUC09, EUC04 (RHS)
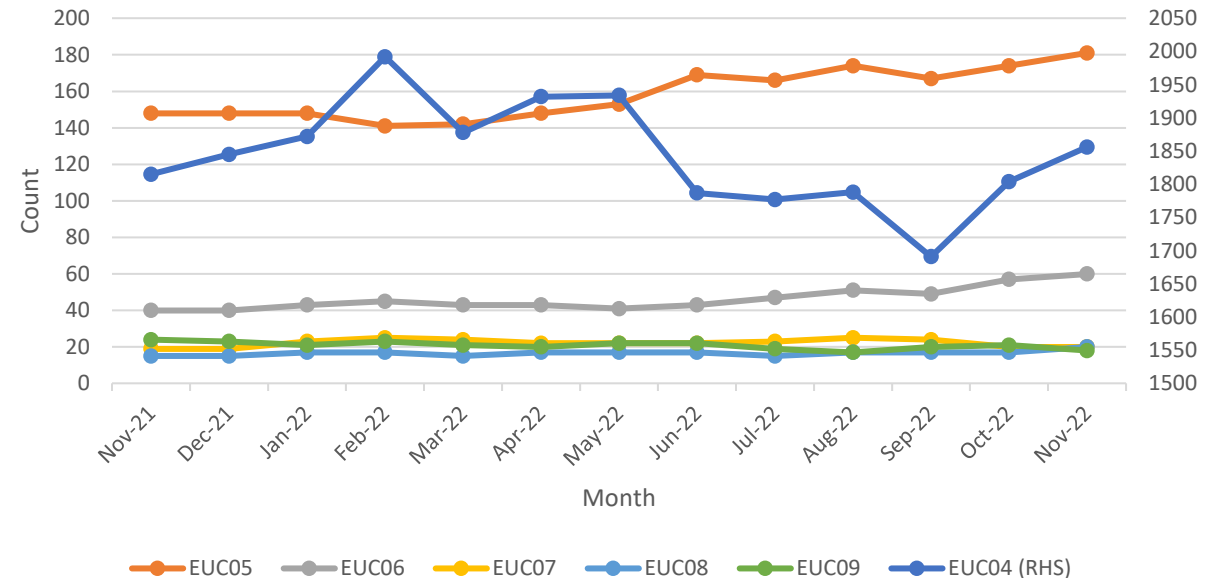
Observations:

- EUC04 has averaged circa 1,800k SPs per month in the last calendar year
- PAFA is aware of the implementation of UNC681S and the impact of amendments undertaken by the CDSP to amend correction factor values where required
- PAFA will continue to monitor this subject matter accordingly

2A.10 REPLACED METER READ

Report measures the count of meter reading replacements which results in reconciliation adjustments

EUC01

↓ **8883** Monthly Change
↓ **24544** Annual Change

EUC02

↑ **88** Monthly Change
↑ **293** Annual Change

EUC03

↑ **46** Monthly Change
↑ **129** Annual Change

EUC04

↑ **8** Monthly Change
↑ **27** Annual Change

EUC05

↑ **4** Monthly Change
↑ **2** Annual Change

EUC06

↑ **3** Monthly Change
↑ **4** Annual Change

EUC07

↑ **1** Monthly Change
↑ **6** Annual Change

EUC08

↑ **3** Monthly Change
↓ **1** Annual Change

EUC09

No Monthly Change
or Annual change

2A.10 Count of meter reading replaced by EUC

Legend: EUC02, EUC03, EUC04, EUC05, EUC06, EUC07, EUC08, EUC01 (RHS), EUC09
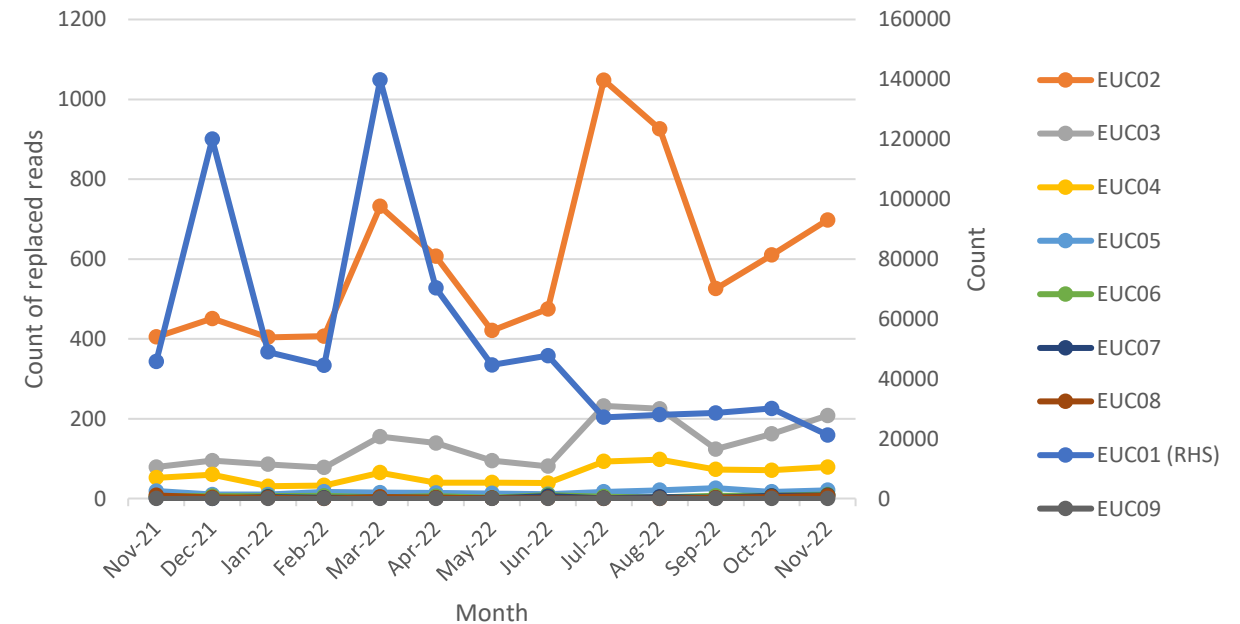
Observations:

- Read replacement activity within EUC01 is driven by the volume of SPs within this particular End User Category and volumes continue to fluctuate month by month
- Volumes of meter reading replacements should not be generally viewed detrimentally as this activity would normally suggest a Shipper party is attempting to resolve issues with potentially erroneous meter readings previously submitted
- PAFA will continue to monitor this subject matter

2A.11 SITES ABOVE CLASS 1 THRESHOLD NOT IN CLASS 1

Report measures the number of sites meeting, approaching or have reached the criteria for re-confirmation as Class 1 as set out in UNC G2.3.15b

Supply points above the Class 1 threshold

Total AQ (gWh) of supply points above Class 1 threshold
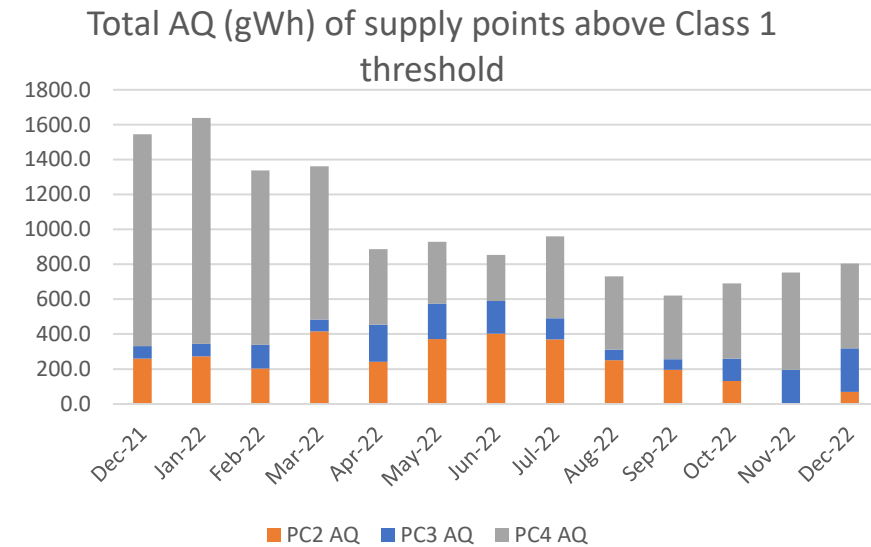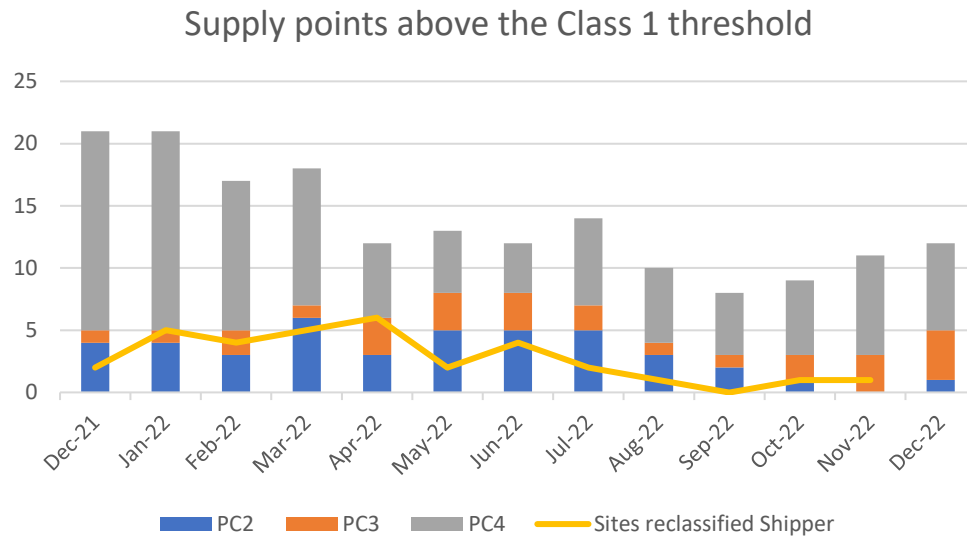
Observations:
- The volume of SPs and associated gWh volume has generally decreased over the calendar year, however an upturn in both categories has been noted for the last 3 calendar months this is especially prevalent within the PC4 market

Report measures the percentage of PC4 monthly read performance at AQ level for sites without a SMART meter with an AQ>=293000 kWh.

2A.12 AQ at Risk - Monthly no SMART industry average

Legend: Nov-21, Dec-21, Jan-22, Feb-22, Mar-22, Apr-22, May-22, Jun-22, Jul-22, Aug-22, Sep-22, Oct-22, Nov-22
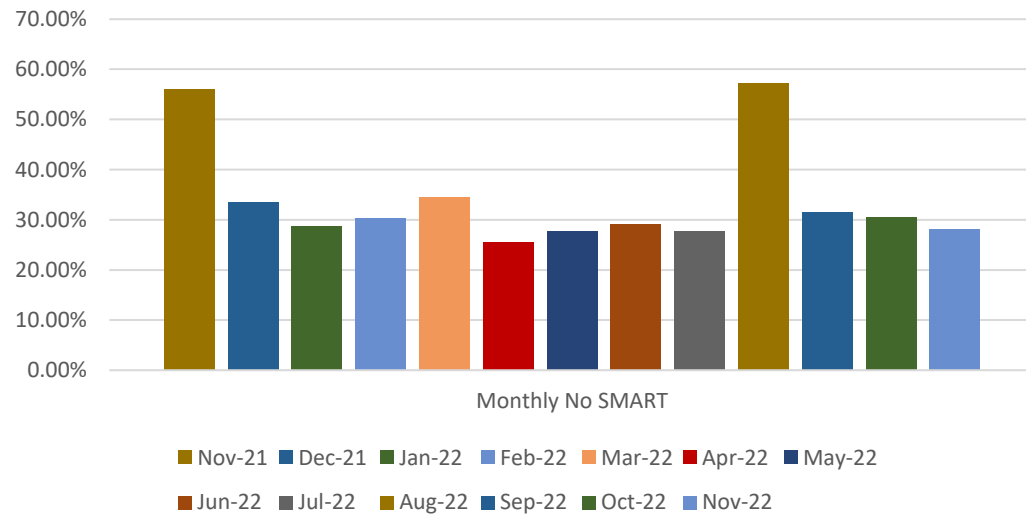
2A.12a Distribution of AQ read performance for PC4 Monthly sites no SMART - 12 month average
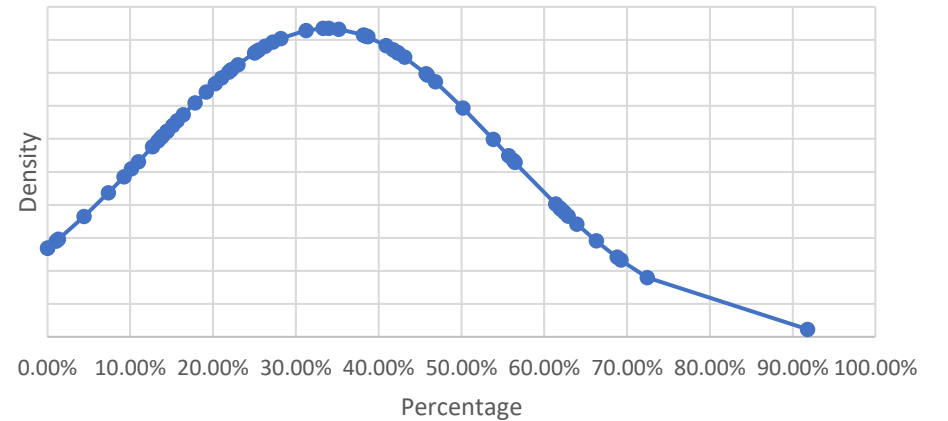
Observations:

• PAFA will continue to review and monitor this subject matter however it is clear that required UNC industry performance levels are not being achieved on a consistent basis

2A.12B AQ READ PERFORMANCE – PC4 MONTHLY SMART

Report measures the percentage of PC4 monthly read performance at AQ level for sites with a SMART meter with an AQ>=293000 kWh.

2A.12 AQ at Risk - Monthly SMART industry average

Legend: Nov-21, Dec-21, Jan-22, Feb-22, Mar-22, Apr-22, May-22, Jun-22, Jul-22, Aug-22, Sep-22, Oct-22, Nov-22

2A.12b Distribution of AQ read performance for PC4 Monthly sites <293,000kWh SMART - 12 month average
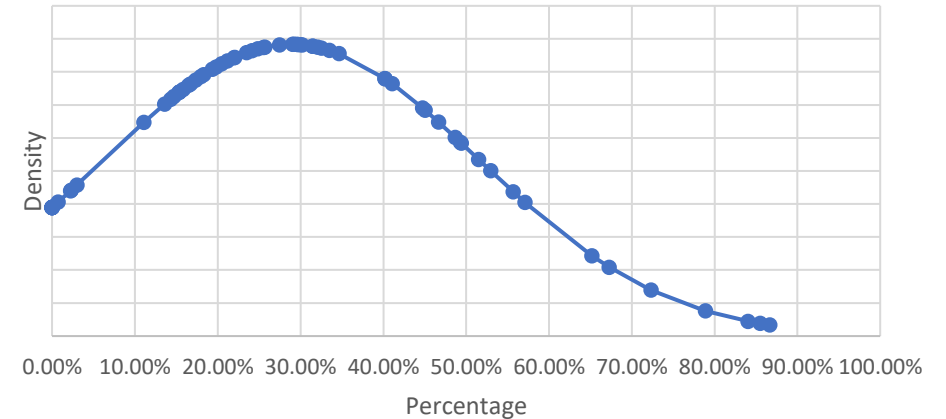
Observations:

• PAFA will continue to review and monitor this subject matter however it is clear that required UNC industry performance levels are not being achieved on a consistent basis

2A.12C AQ READ PERFORMANCE – PC4 ANNUAL

Report measures the percentage of PC4 annual read performance at AQ level for sites <293,000 with no SMART/AMR


2A.12 AQ at Risk - Annual read industry average

Nov-21 | Dec-21 | Jan-22 | Feb-22 | Mar-22 | Apr-22 | May-22
Jun-22 | Jul-22 | Aug-22 | Sep-22 | Oct-22 | Nov-22

2A.12c Distribution of AQ read performance for PC4 Annual sites -12 month average
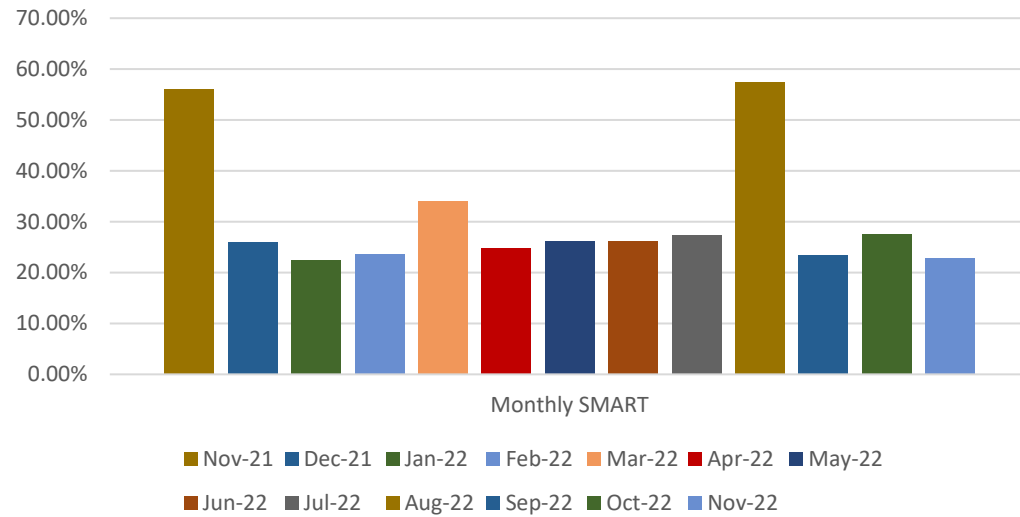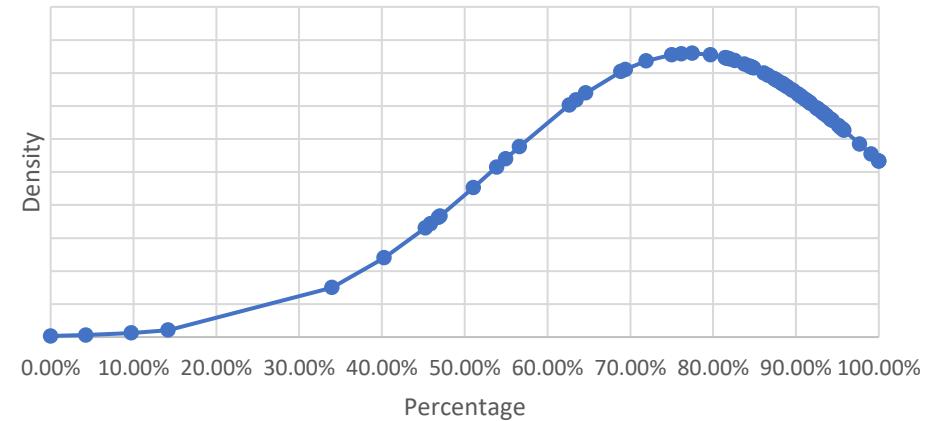
Observations:

• PAFA will continue to review and monitor this subject matter however it is clear that required UNC industry performance levels are not being achieved on a consistent basis
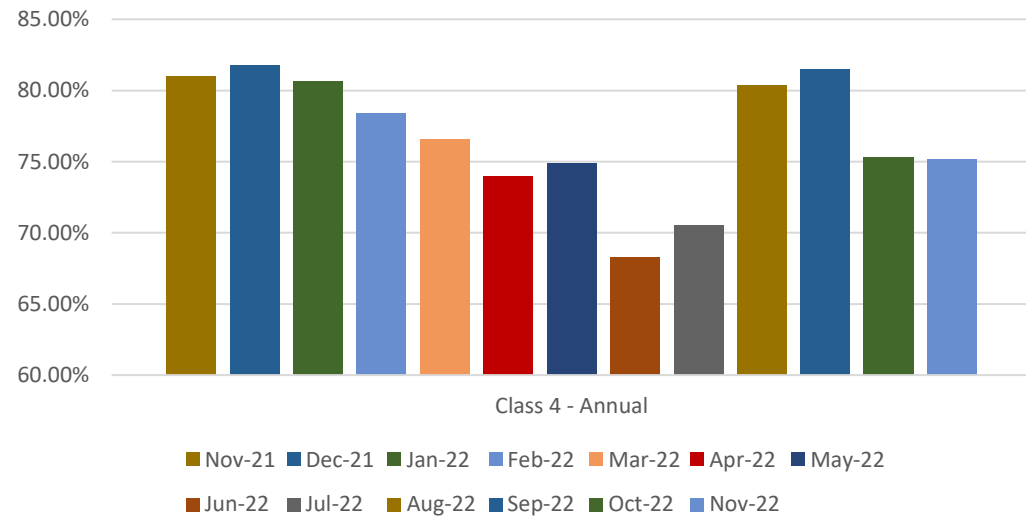
2A.13 AQ AT RISK

Report measures the percentage of Annual Quantity within each product class without a meter reading within timescales as set out in the UNC.

2A.13 AQ at Risk - Product Class split
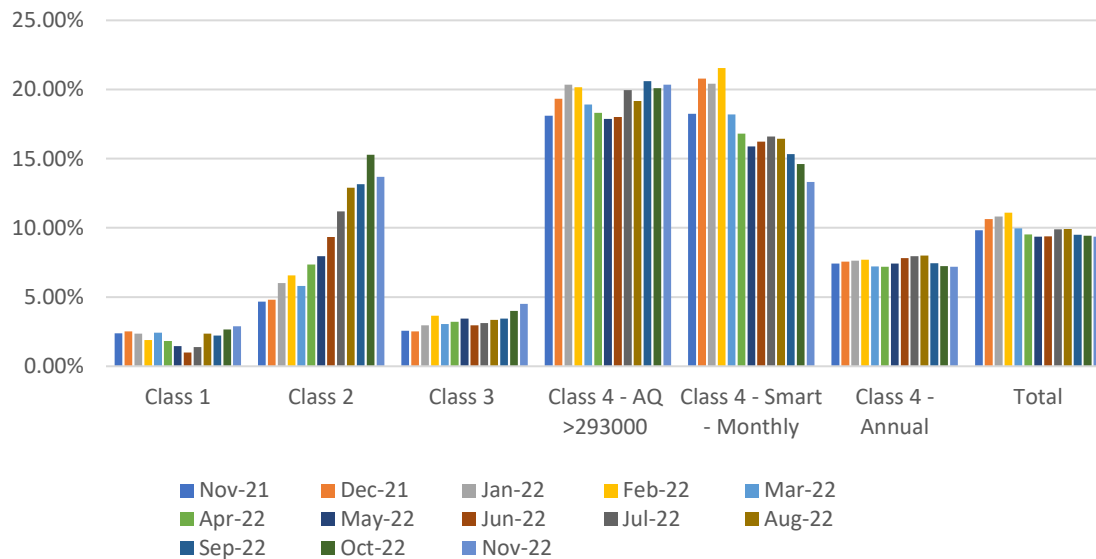
Observations:

- PC4 remains the primary category whereby the AQ at Risk value is greatest – this is to be expected given the volume of SPs within this market sector

Shippers with the highest percentage of AQ at Risk within their portfolio in November 2022:

Product Class 1

Valletta **10.30%**
Thimphu **10.38%**
Canberra **11.25%**

Product Class 2

Thimphu **18.41%**
Saipan **23.76%**
Rome **40.59%**

Product Class 3

Kampala **25.31%**
Sarajevo **100%**
Paramaribo **100%**

Product Class 4 – AQ>293000

Djibouti **100%**
Gibraltar **100%**
Maputo **100%**
Tallinn **100%**

Product Class 4 – Monthly SMART

11 Shippers **100%**

Product Class 4 - Annual

Apia **100%**
Bamako **100%**
Gaborone **100%**
Luxembourg **100%**
Majuro **100%**
Reykjavík **100%**

Report ID	Topic	Details	Split By	12 Rolling Months	Report Format	e.g. for Nov Report	Condition
2A.1	Estimated & Check Reads	Estimated Reads: The percentage of Shippers portfolio where actual reads were not provided. Excludes NTS and Telemetered sites Check Reads: The number of MPRNS which have not had a site visit read for <=13 months	Class	Annual	Percentage	October	M-1
2A.2	No Meter Recorded on the Supply Point Register	The percentage of a Shipper's portfolio where no meter is fitted at the supply point for more than 6 months.	Class	Annual	Percentage	October	M-1
2A.3	No Meter Recorded on the Supply Point Register and Data Flows Received	The percentage of a Shipper's portfolio where no meter is fitted at the supply point for more than 6 months but data flows are received	Class	Annual	Percentage	October	M-1
2A.4	Shipper Transfer Read Performance	Shipper provided an opening meter read within D+10 of transfer of ownership	Total	Annual	Percentage	October	M-1
2A.5	Read Performance	Shipper to provide read as per frequency for each Product Class. Class and Shipper transfer are excluded. 6 monthly are considered as annual sites.	Class	Monthly	Percentage	October/ September (PC4 only)	M-1/M-2 (PC4)
2A.6	Meter Read Validity Monitoring	Percentage of Shippers portfolio which failed meter read validation MRE01026: Reading Breached lower outer tolerence MRE01027: Reading Breached upper outer tolerence MRE01028: Reading Breached lower inner tolerence and no override flag provided MRE01029: Reading Breached upper outer tolerence and no override flag provided MRE01030: Override tolerence passed and no override flag provided	Class	Monthly	Percentage	October	M-1

APPENDIX – PARR REPORT DETAILS

Report ID	Topic	Details	Split By	12 Rolling Months	Report Format	e.g. for Nov Report	Condition
2A.7	No read for 1,2,3 or 4 years	Percentage of Shipper portfolio in the specified EUC band which has not received a read for the specified period. Estimates are not counted	EUC Band and Class	Annual	Percentage	October	M-1
2A.8	AQ Corrections by reason code	Count of MPRNs on each Shippers portfolio where the AQ correction process was used.	Reason code	Annual	Count	October	M-1
2A.9	Standard Correction Factors	Count of sites with an AQ>732,000 kWh which have used a standard correction factor instead of using a site specific correction factor as per the requirements	EUC Band	Annual	Count	October	M-1
2A.10	Replaced Meter Reads	Count of sites which have replaced a meter read (actual meter reading with another actual meter read), with an updated AQ for the MPRN	EUC Band	Annual	Count	October	M-1
2A.11a	Sites above the Class 1 threshold which are not in Class 1	Reports on all sites with an Annual Quantity over the mandatory Daily Metered threshold which are not in Class 1 as a count and as a total AQ. Separated between those that have fully met the UNC G2.3.15b criteria, and those that have not yet met them.	Current Class	Annual	Count and sum of AQ	Nov	M
2A.11b	Count of sites reclassified to Class 1 by the Shipper and CDSP	Compares the number of qualifying sites which have been moved to Class 1 by the Shipper and by the CDSP each calendar month.	Shipper v CDSP	Annual	Count and sum of AQ	Oct	M-1

Report ID	Topic	Details	Split By	12 Rolling Months	Report Format	e.g. for Nov Report	Condition
2A.12	Class 4 read submission performa	Assesses performance against the Class 4 meter read performance, expressed as a percentage of total AQ in that Shipper's ownership. Targeting larger AQ sites would aid settlement by ensuring that more energy is reconciled more quickly. Sites are excluded if there was a change of Shipper or where an "operational" Smart or Advanced meter was fitted for the first time in the calendar month. Sub-divided by Meter reading obligations, a = Monthly due to AQ, b = Smart/AMR fitted c = non-Monthly	Meter reading obligation	Annual	Percentage Read	Oct	M-1
2A.13	Breakdown of AQ overdue for a Meter Reading	Reports on the total AQ by Shipper which is overdue for a meter reading. "Overdue" for the purposes of this report is UNC obligation plus 2 or 3 months, i.e. - Class 1, 2, 3 - no read for **three** months - Class 4 monthly read sites - no read for **three** months - Class 4 non-monthly read sites - no read for 15 months	Meter reading obligation	Current and prior month only	Percentage overdue	Oct	M-1

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