OCTOBER 22 - GEMSERV

PARR DASHBOARDS

11TH OCTOBER 2022

Gemserv

MAKING THINGS THAT MATTER WORK BETTER

2A.1 ESTIMATED & CHECK READS – PRODUCT CLASSES 1 & 2

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:

↑ 3.43% - Monthly change

↓ 7.08% - Annual change

Monthly changes:

↑ 8.60% Reykjavik

↑ 9.35% Manama

↑ 12.43% Monaco

↓3.74% Athens

↓4.28% Warsaw

↓5.60% Tehran

PC2

Industry movement:

↓ 1,96% Monthly change

↓ 8.93% Annual change

Monthly changes:

↑ 1.14% Saipan

↑ 3.23% Athens

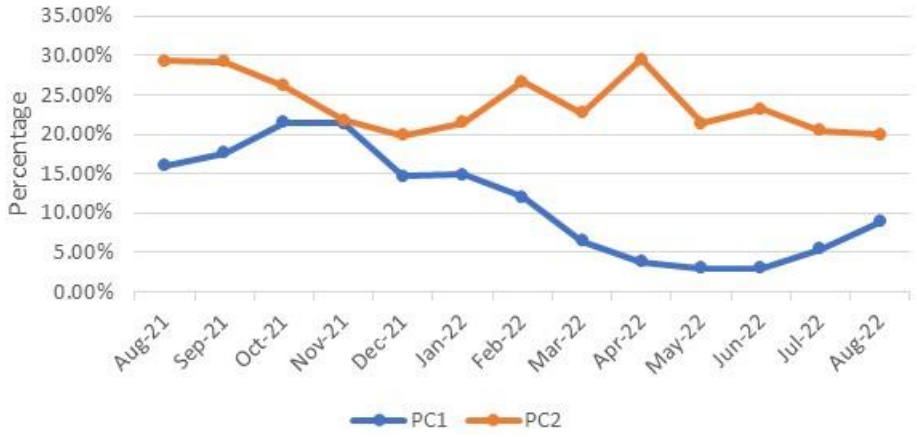
↑ 3.23% Washington

↓2.70% Thimphu

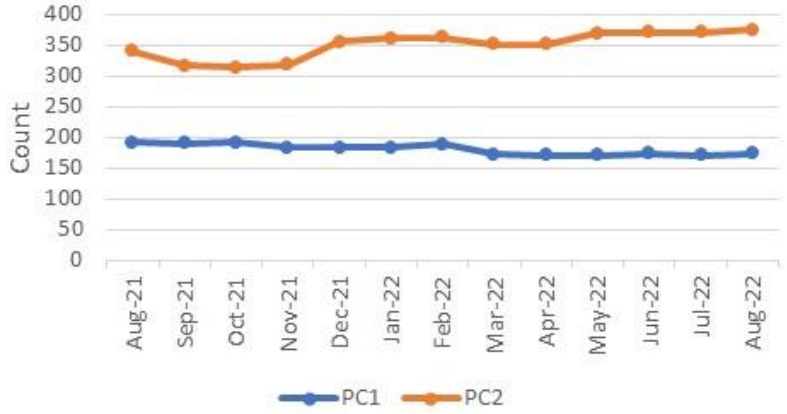
↓3.13% Lisbon

↓4.03% Philipsburg

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



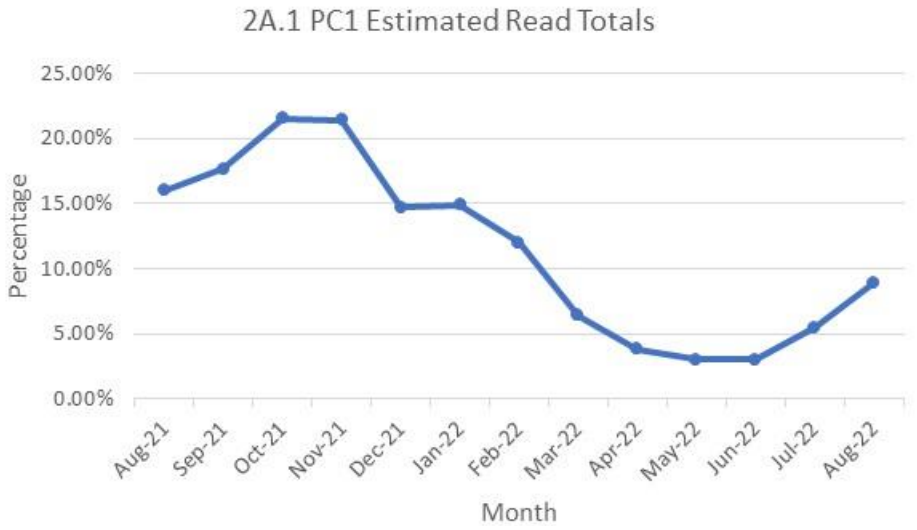
2A.1 Count of Check Reads not completed for PC1 and PC2

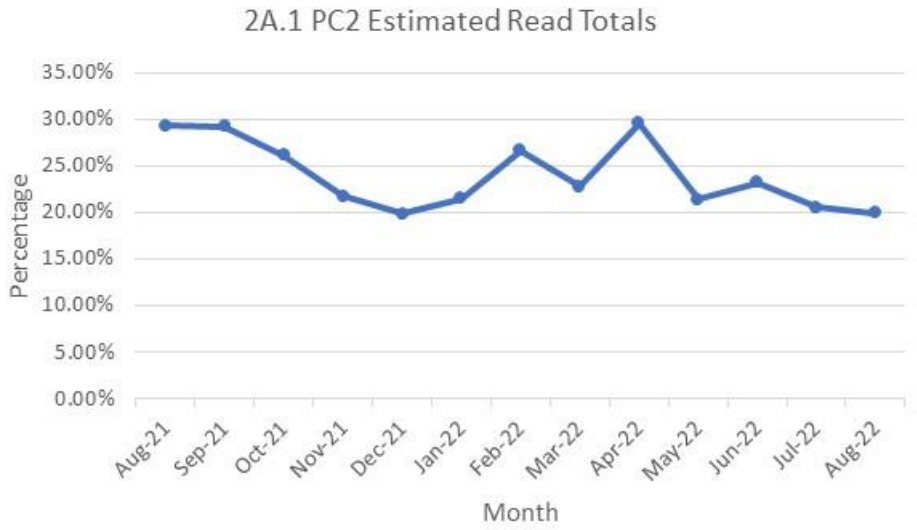


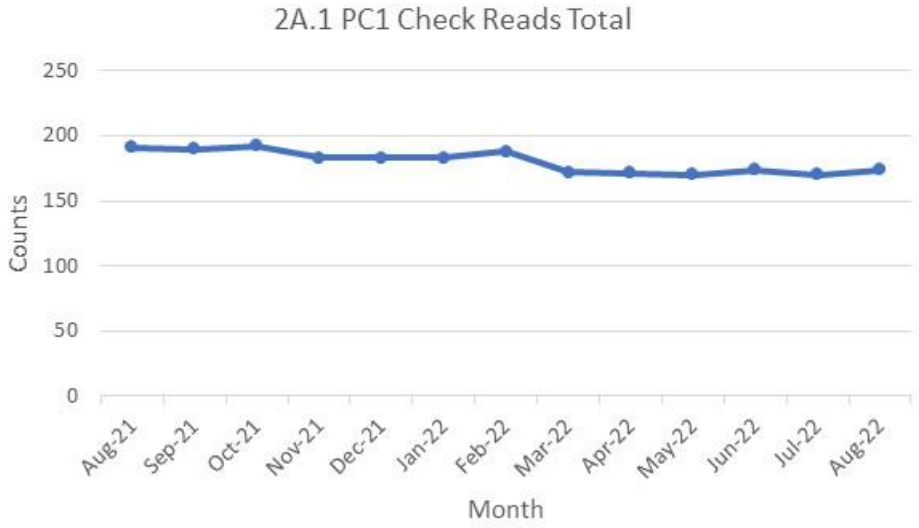
Observations:

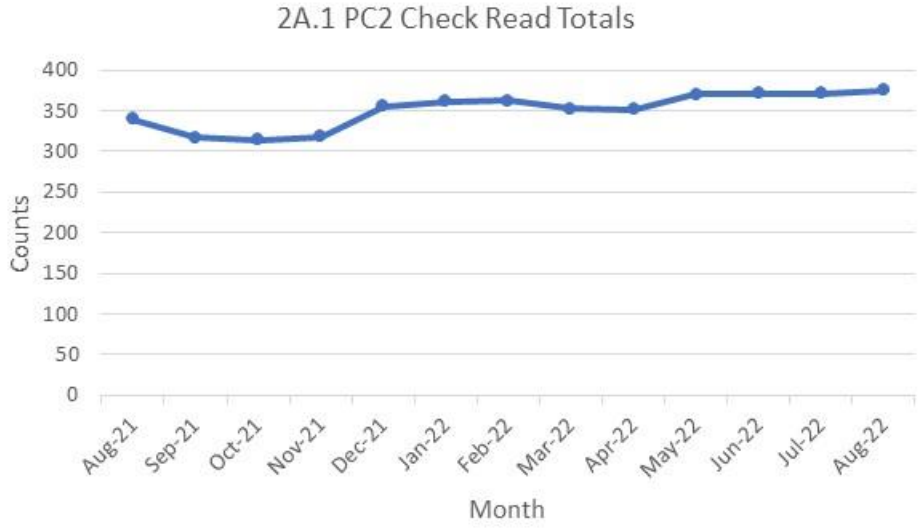
- In the year, use of estimated reads for PC1 and PC2 have been declining.
- PC2 performance in recent months has decreased. This has been driven by a few Shippers who have seen sharp declines in performance.
- The number of uncompleted check reads in PC1 have remained the same over the course of the year whilst the uncompleted check reads in PC2 have increased over the few months.

2A.1 ESTIMATED & CHECK READS – PRODUCT CLASSES 1 & 2

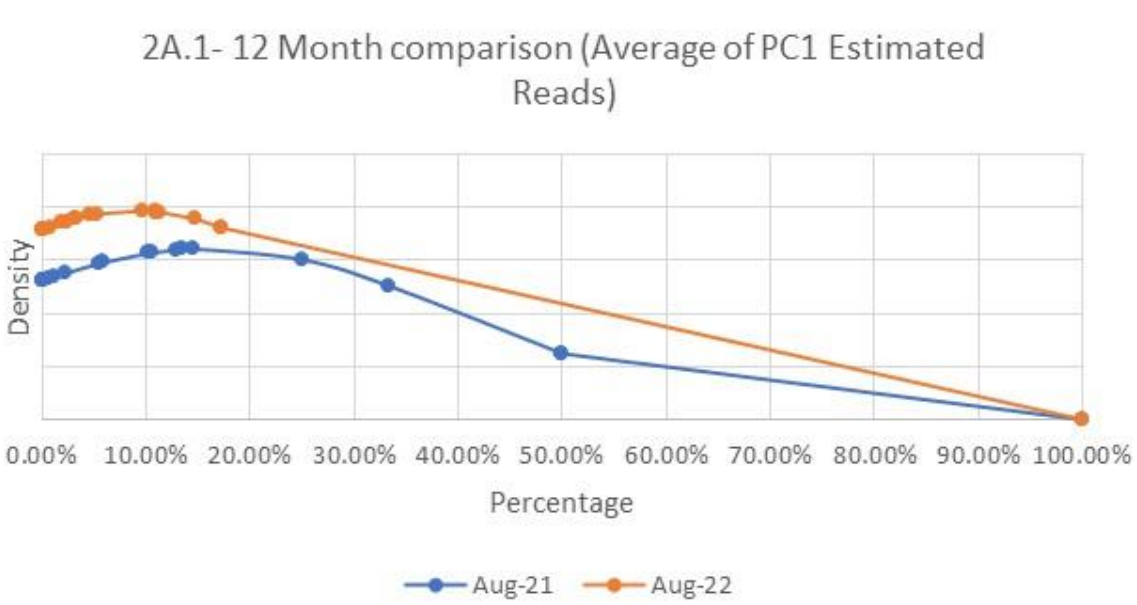


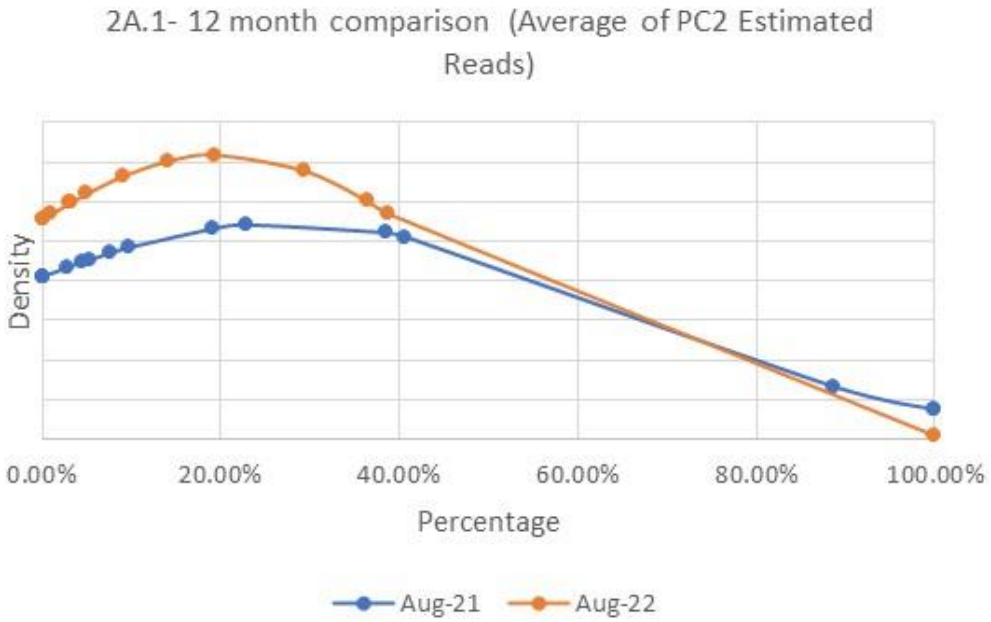






2A.1 ESTIMATED & CHECK READS – PRODUCT CLASSES 1 & 2





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

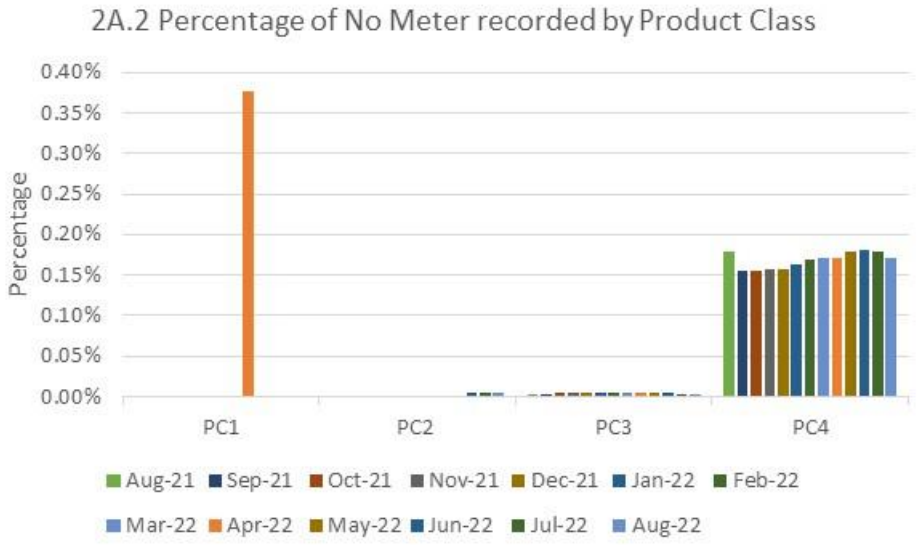
PC2
0% for all shippers

PC3

Highest shippers:
Mogadishu 0.14%
Praia 0.23%

PC4

Highest shippers:
Oranjestad 25.28%
Djibouti 28.66%
Luxembourg 42.11%



Observations:

- The percentage of no meter recorded in PC4 continues to decline from the highs seen in 2020.
- The PAC, PAFA and CDSP at Xoserve are working with the relevant Shippers in this area who are driving the increase in the number of no meters recorded.

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

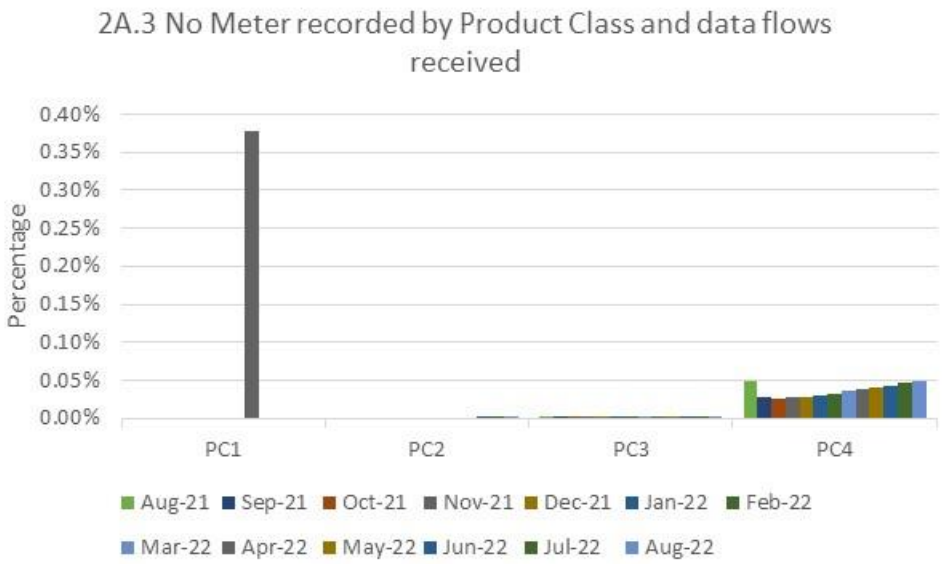
PC2
0% for all shippers

PC3

Highest shippers:
Dili 0.01%
Praia 0.03%

PC4

Highest shippers:
Prague 1.27%
Roseau 0.84%
Belmopan 0.68%



Observations:

- The percentage of no meter recorded in PC4 continues to decline from the highs seen in 2020.
- The PAC, PAFA and CDSP at Xoserve are working with the relevant Shippers in this area who are driving the increase in the number of no meters recorded.

2A.4 - SHIPPER TRANSFER READ PERFORMANCE

Report measures the percentage of Shipper portfolio of opening meters reads provided following confirmation

Industry movement:
↓ 8.49% Monthly change
↓ 15.85% Annual change

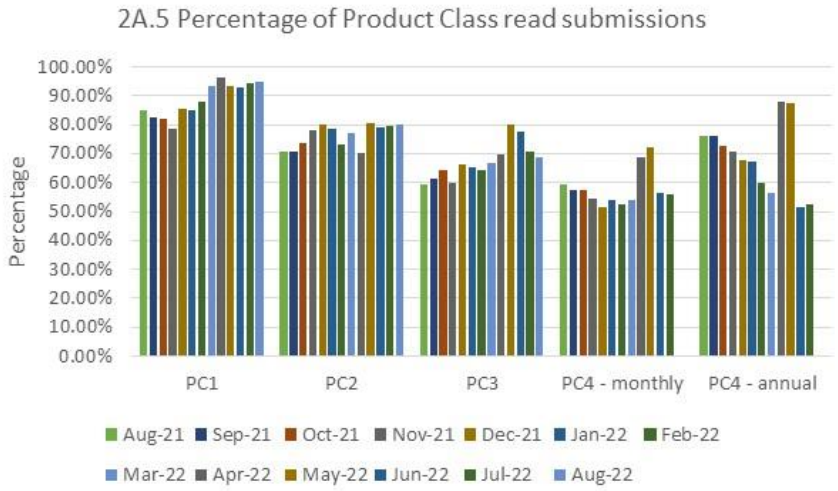
Observations:

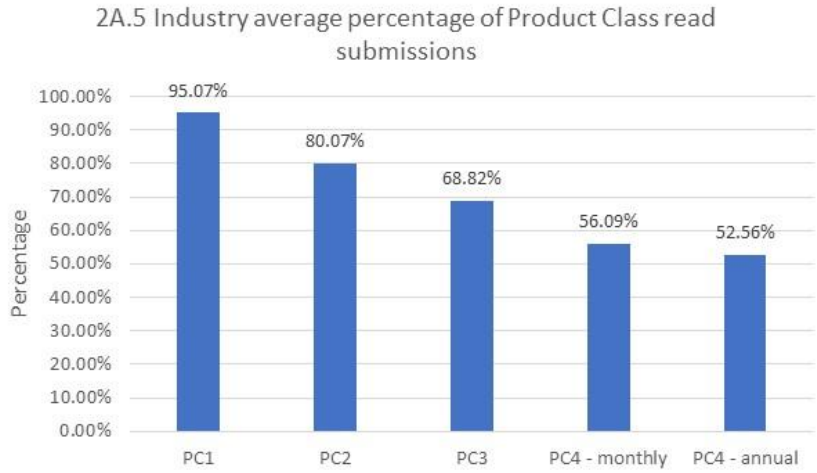
-The number of transfer reads being submitted within the relevant window are still well below the requirements of the UNC.
-The previous two months have seen increases with the majority of Supplier of Last Resort (SoLR) movements having materialised through the data which was driving down performance across industry.
-The PAFA will continue to monitor this area.

2A.5 - READ PERFORMANCE

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

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





Poorest performing Shippers:

PC1
82.81% Monaco
82.81% Thimphu
85.31% Valletta

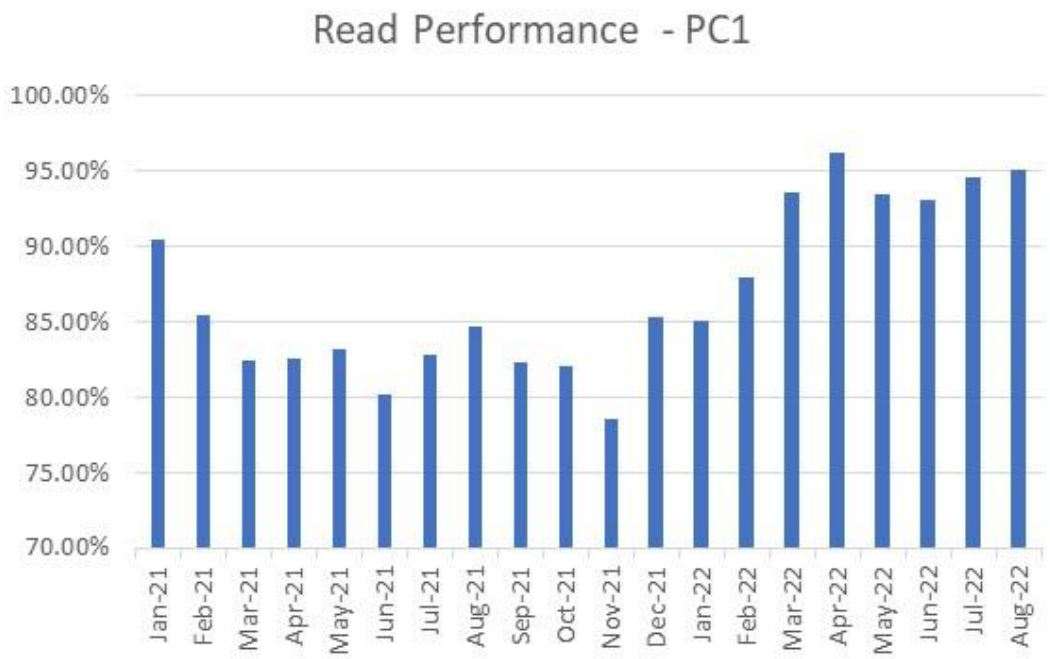
PC2
0% Tehran
61.17% Thimphu
63.54% Saipan

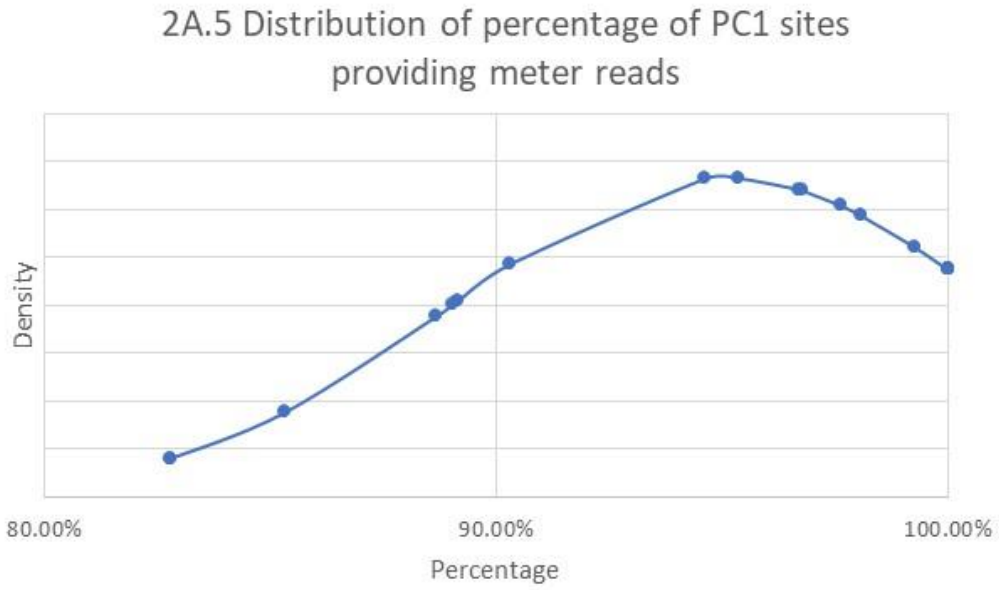
PC3
0% Hamilton
0% Paramaribo
0% Sarajevo

PC4 (Monthly)
0% Apia
0% Ashgabat
0% Gibraltar
0% Reykjavik
0% Vienna

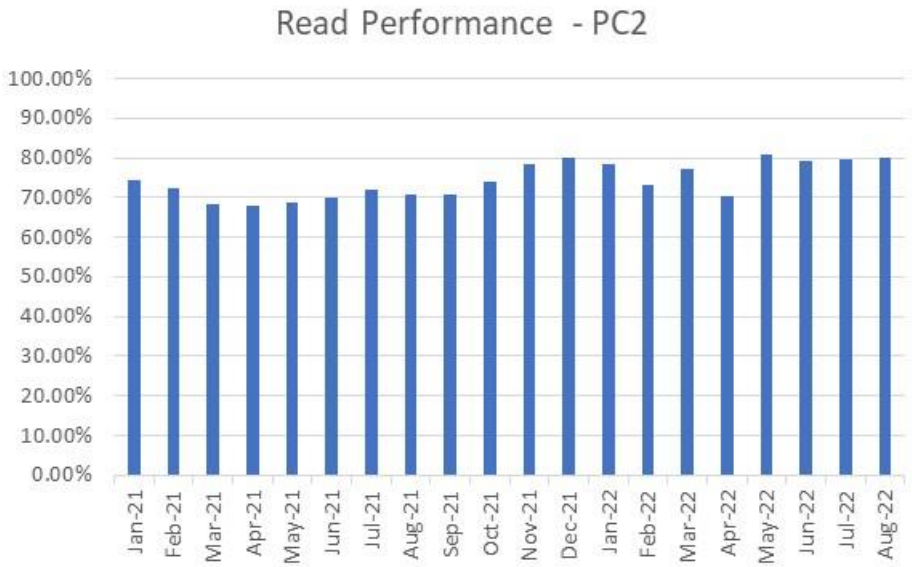
PC4 (Annual)
0% Accra
0% Avarua
0% Caracas
0% Gibraltar
0% Niamey
0% Skopje
0% Zagreb

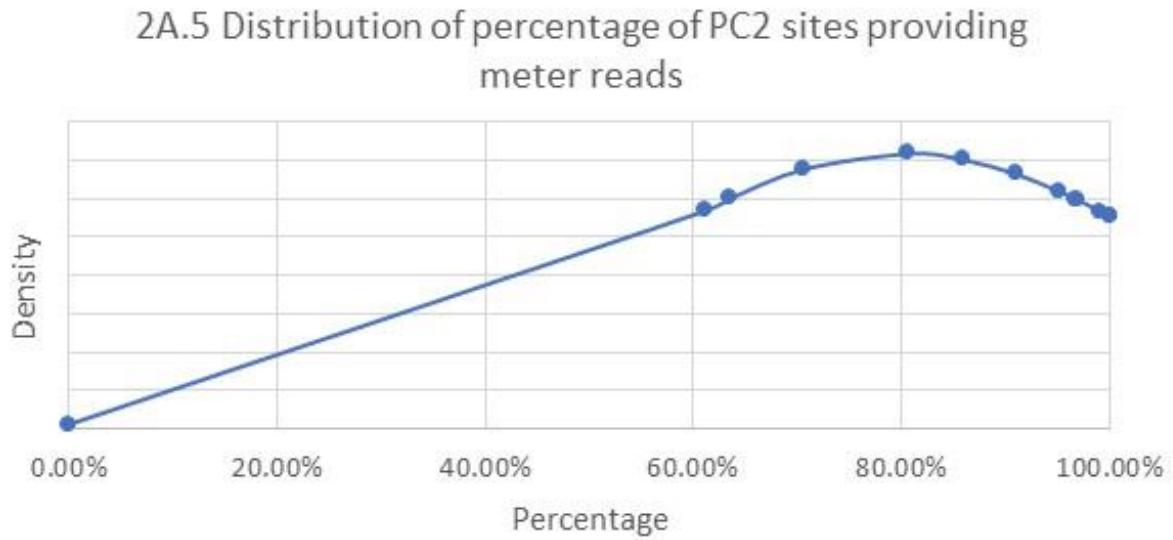
2A.5 - READ PERFORMANCE (PC1)



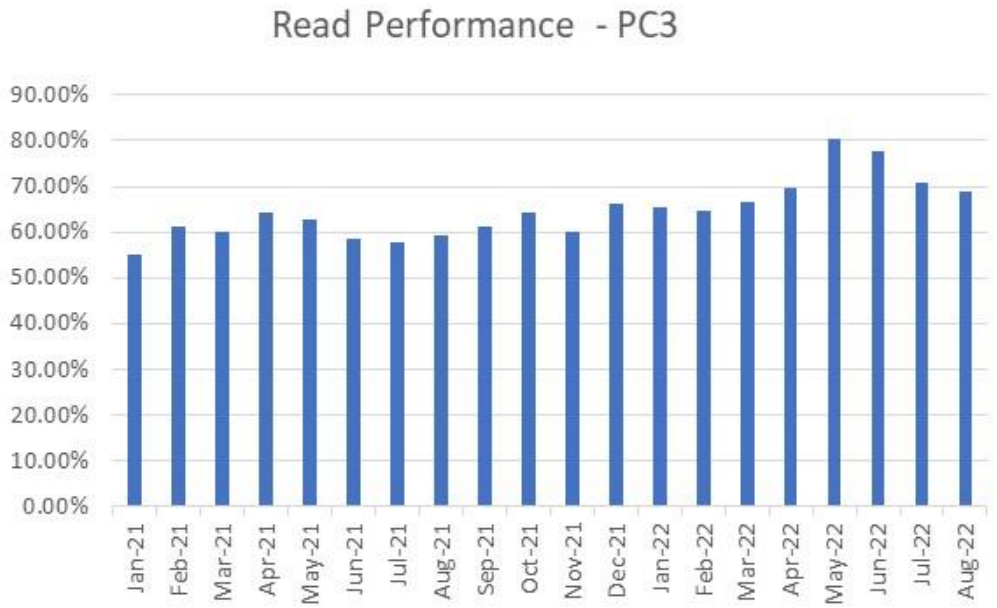


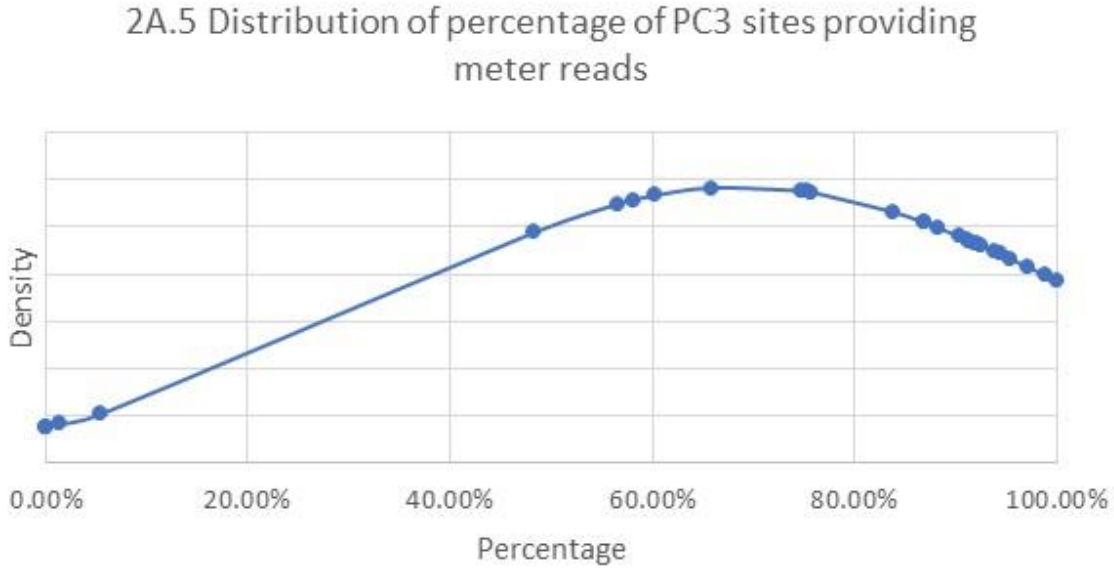
2A.5 - READ PERFORMANCE (PC2)



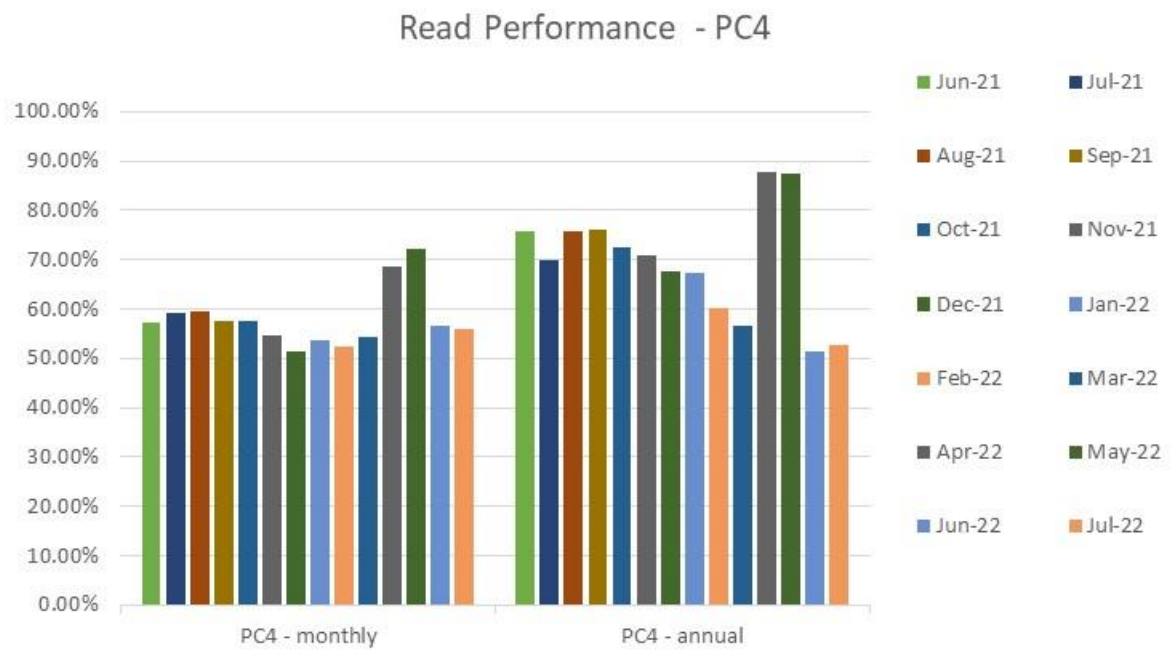


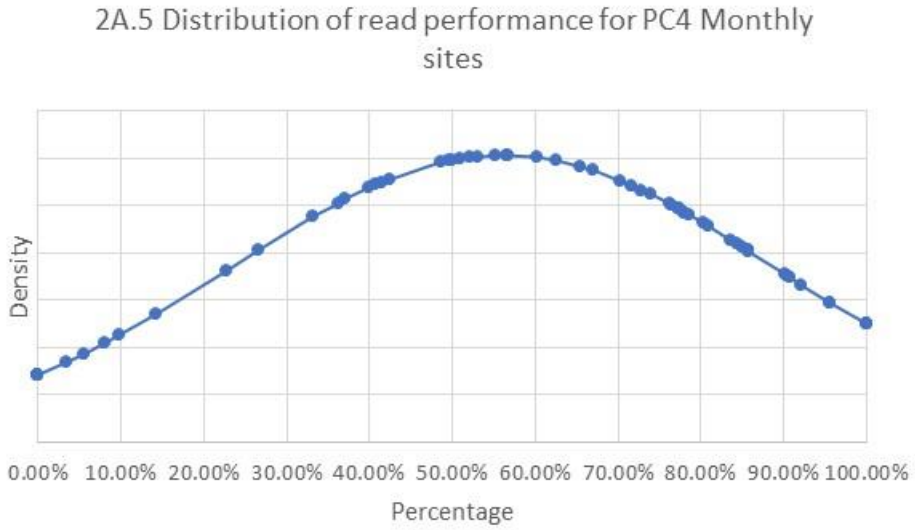
2A.5 - READ PERFORMANCE (PC3)

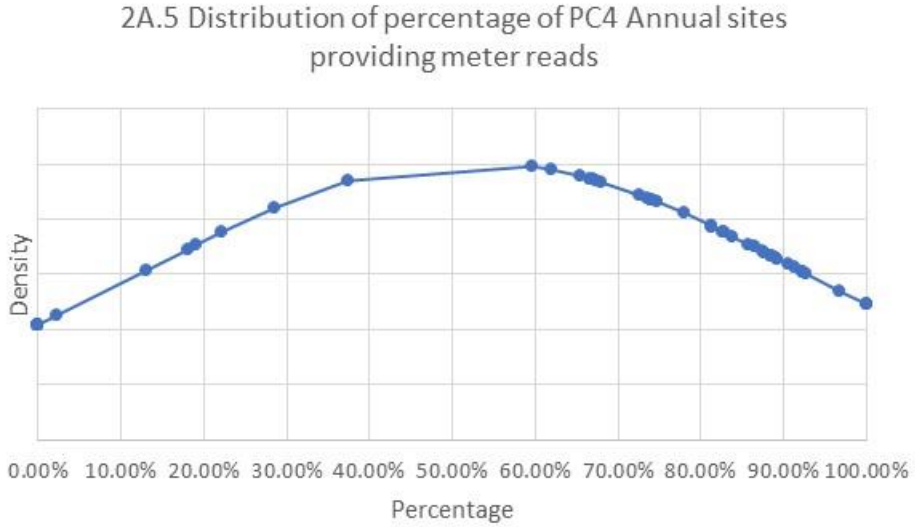




2A.5 - READ PERFORMANCE (PC4)

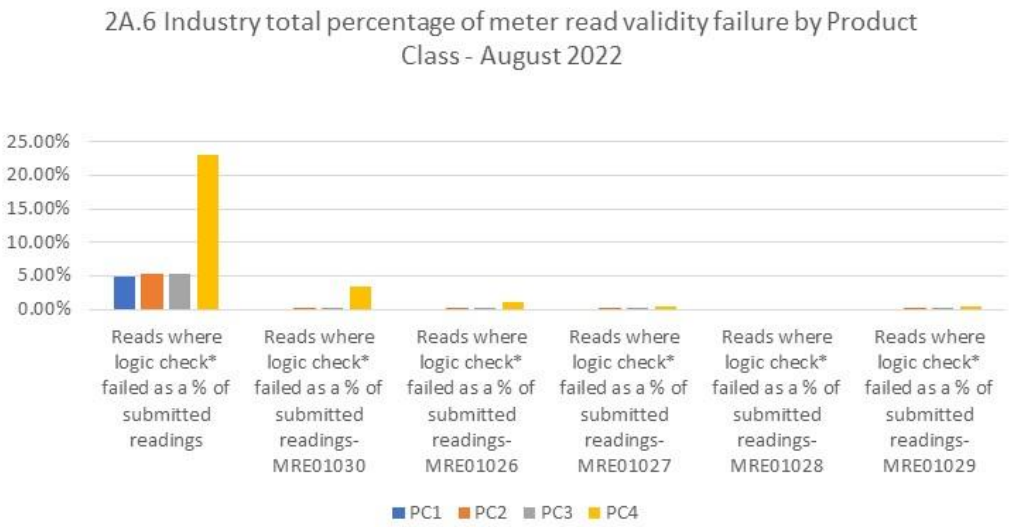






2A.6 METER READ VALIDITY MONITORING

Report measures the percentage of Shipper portfolio where reads submitted failed validation

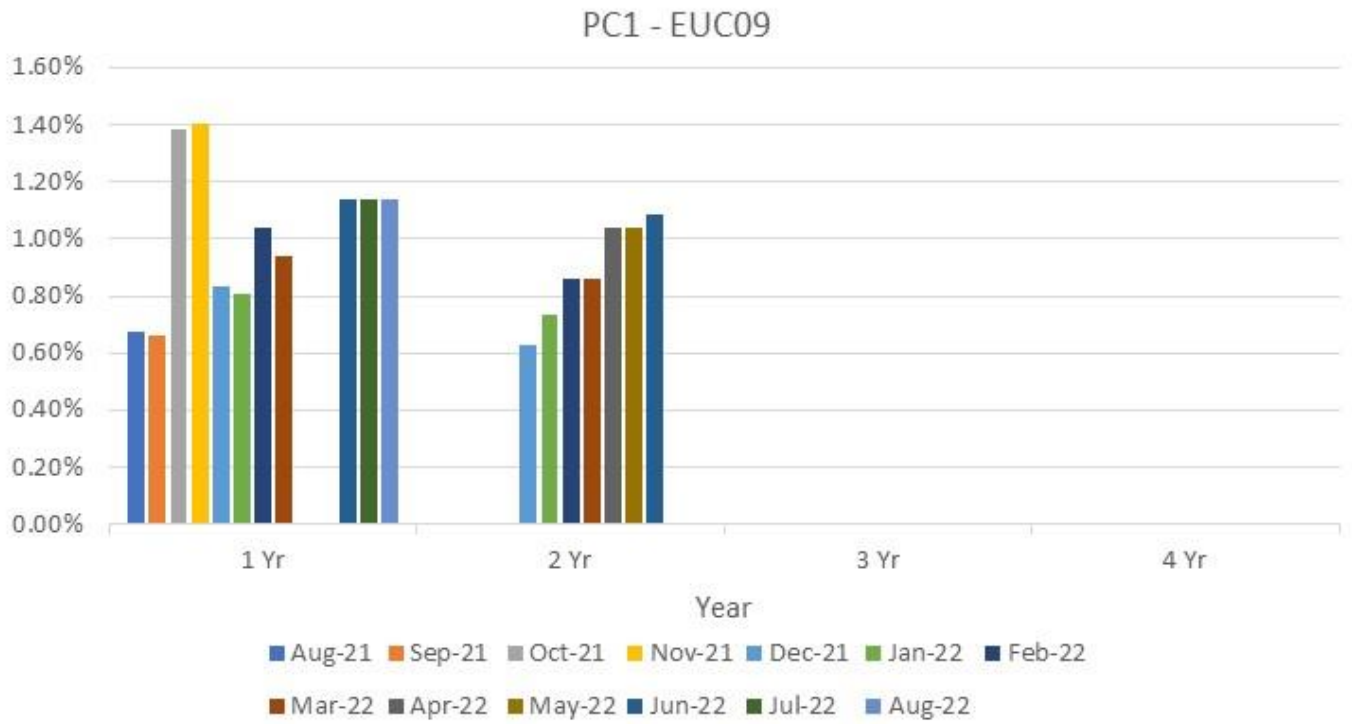


Product Class	Reads where logic check failed as a % of submitted readings	MRE01030	MRE01026	MRE01027	MRE01028	MRE01029
1	Kigali – 41.51%					
2	Philipsburg – 36.14%	Thimphu –2.04%	Saipan – 1.84%	Philipsburg – 0.69%		Athens – 4.76%
3	Monaco – 37.50%	Monaco– 9.66%	Gitega – 0.01%	Khartoum – 15.54%		Khartoum – 31.83%
4	Thimphu – 80.16%	Yerevan – 32.02%	Monaco– 33.33%	Bern– 21.72%		Khartoum– 33.33%

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

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

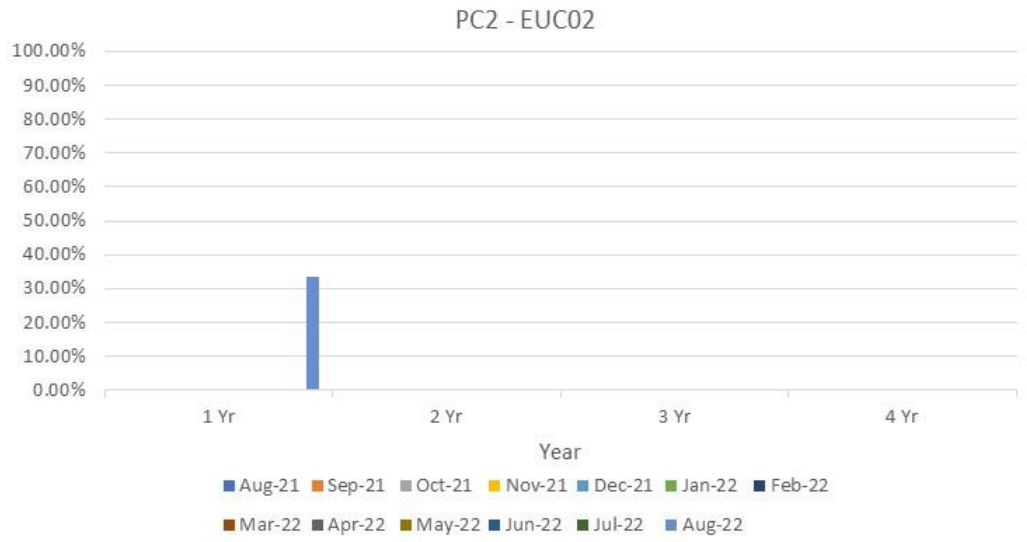
EUC01 – EUC08 have no meters which have not been unread for a period less than one year in recent months

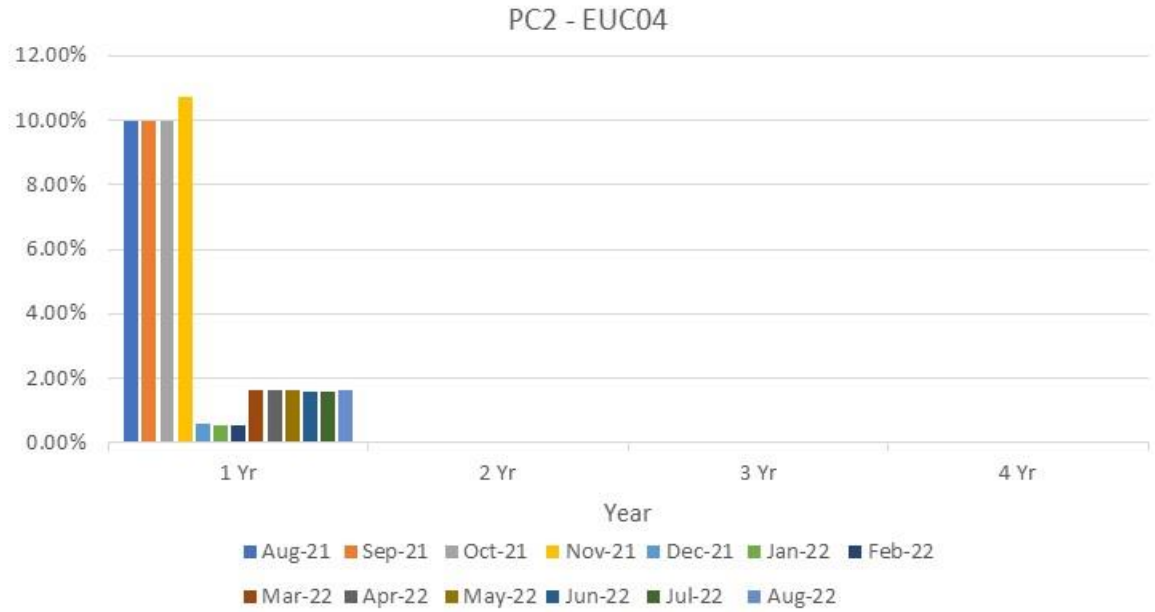


2A.7 NO READS RECEIVED FOR 1, 2, 3 OR 4 YEARS – PRODUCT CLASS 2

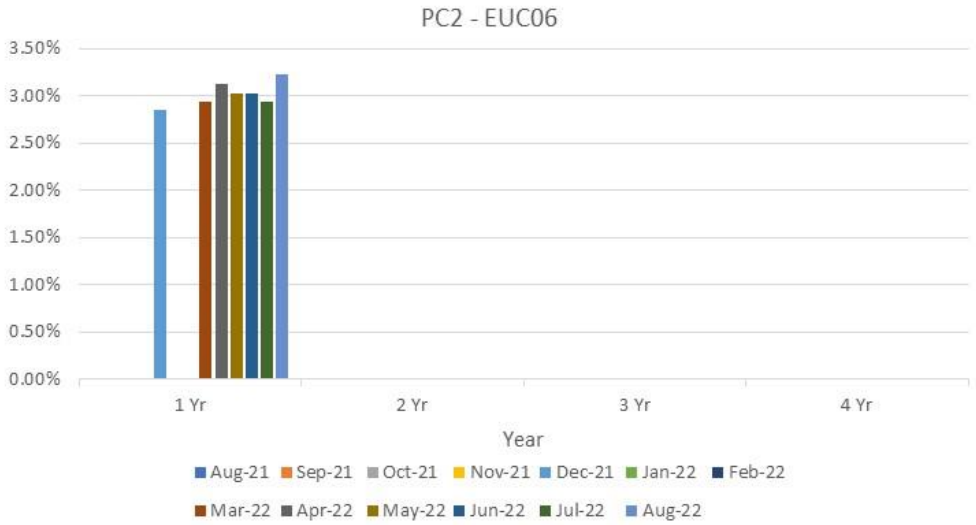
Report measures the percentage of Shipper portfolio in the specified AQ band without a meter reading for the specified period

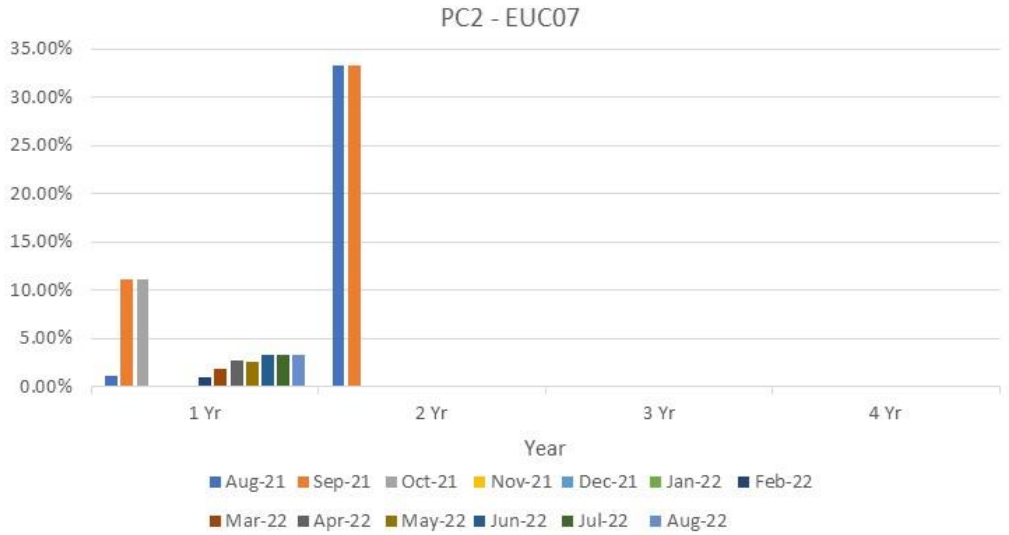
EUC01, EUC03, EUC05 & EUC09 have no meters which have not been unread for a period less than one year in the last three months.

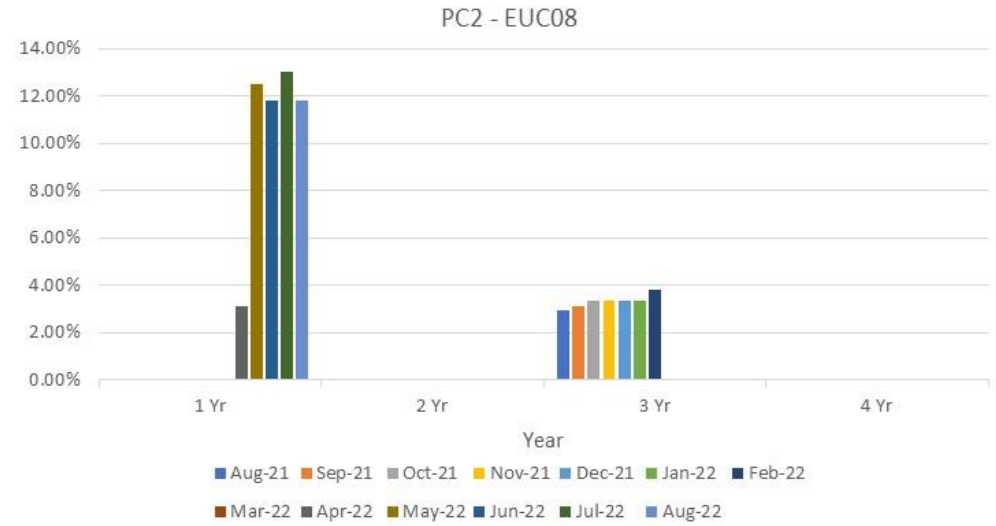




2A.7 NO READS RECEIVED FOR 1, 2, 3 OR 4 YEARS – PRODUCT CLASS 2

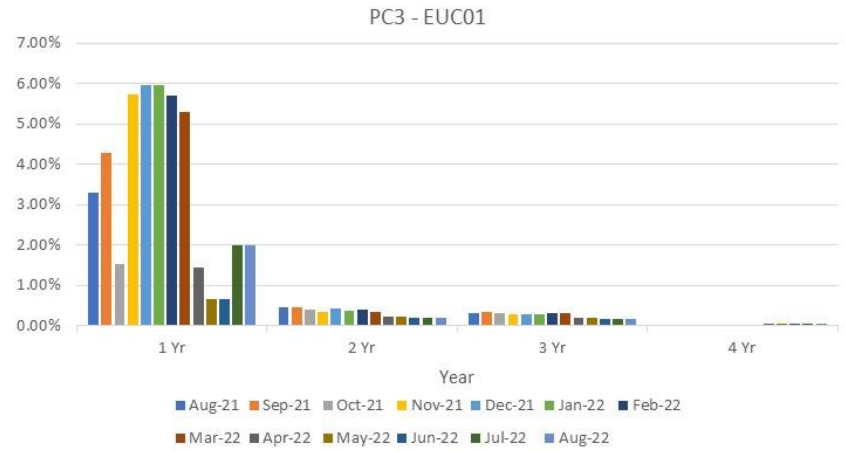


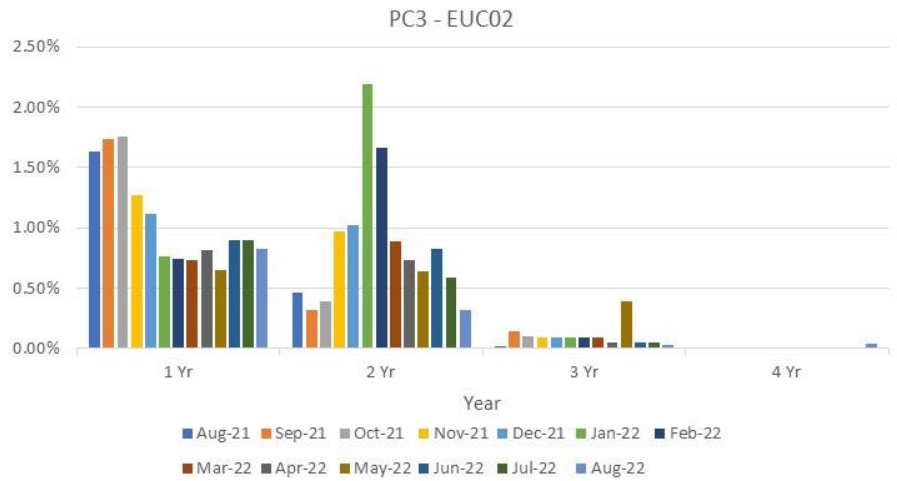


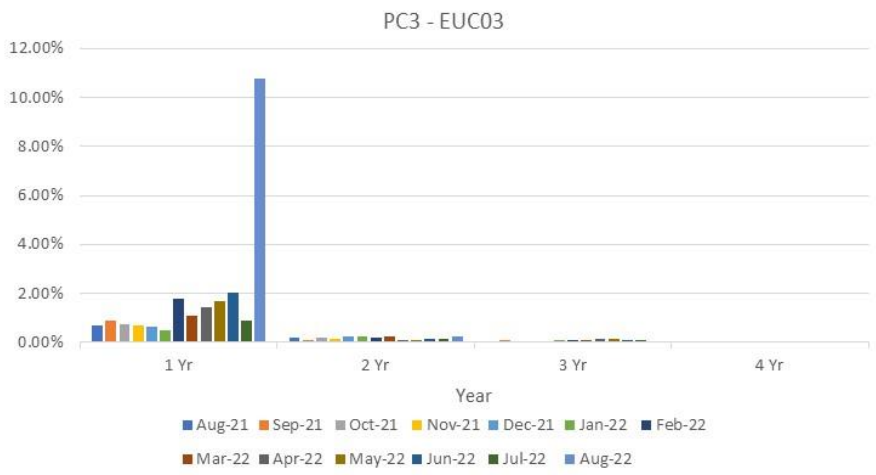


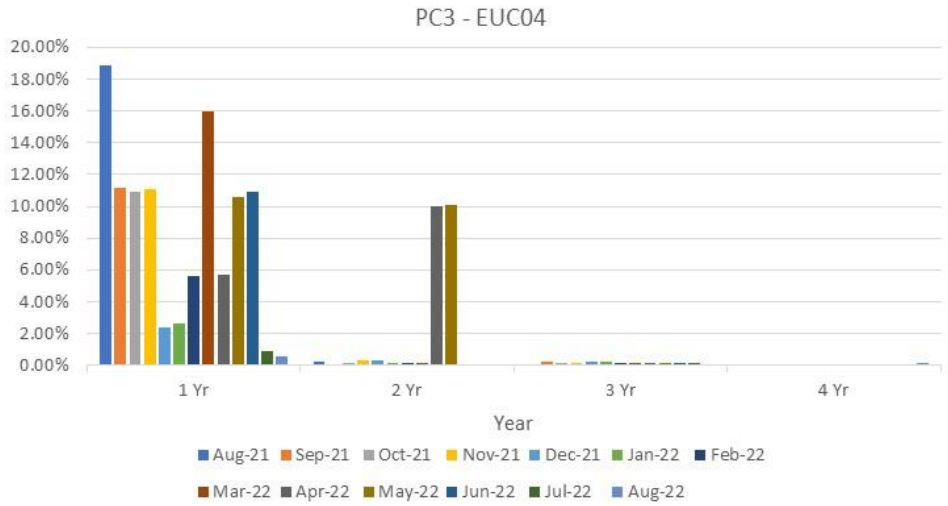
2A.7 NO READS RECEIVED FOR 1, 2, 3 OR 4 YEARS – PRODUCT CLASS 3

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



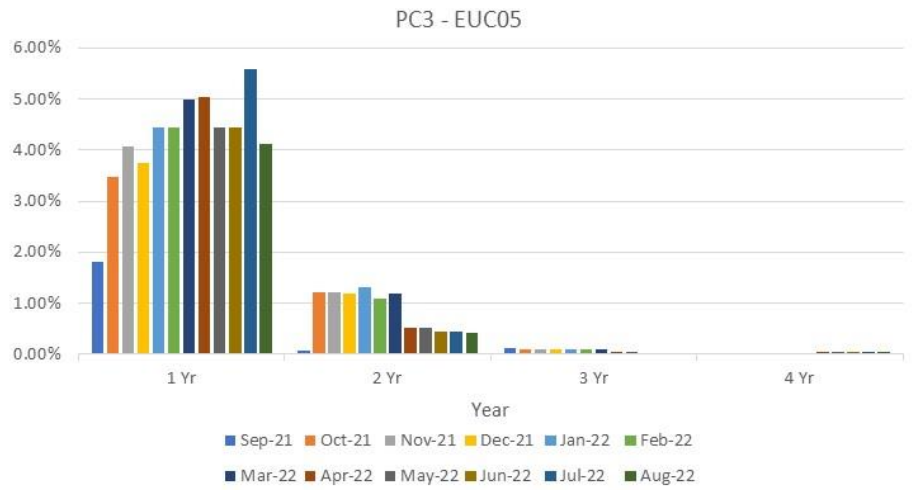


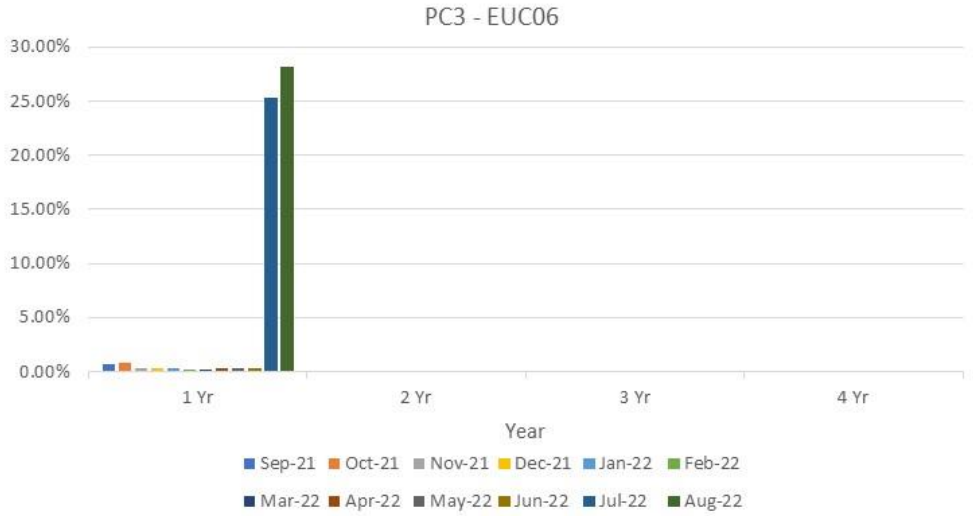


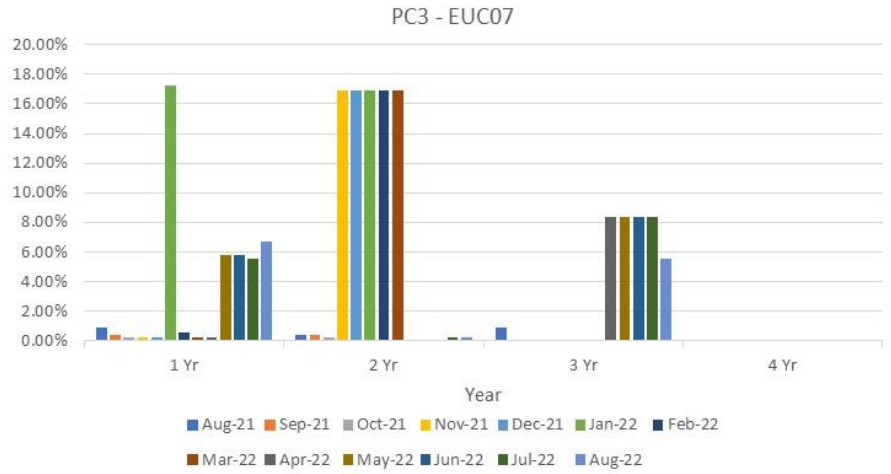


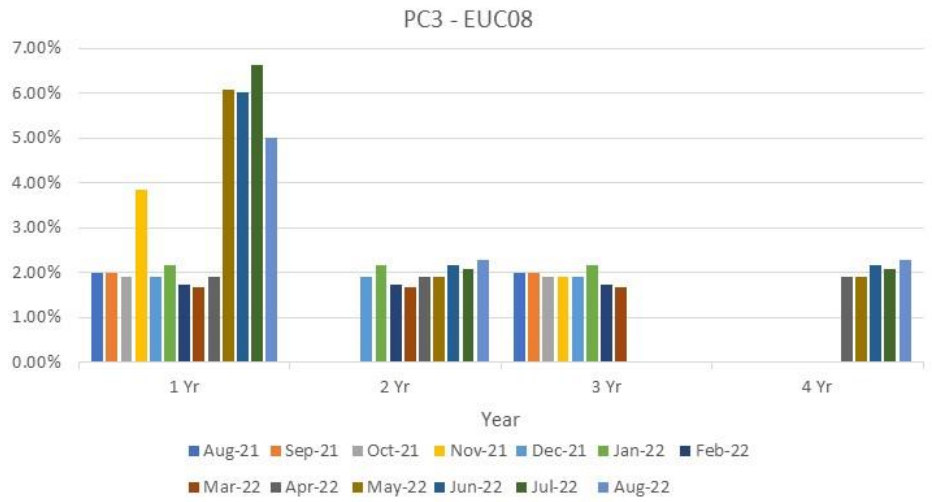
2A.7 NO READS RECEIVED FOR 1, 2, 3 OR 4 YEARS – PRODUCT CLASS 3

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



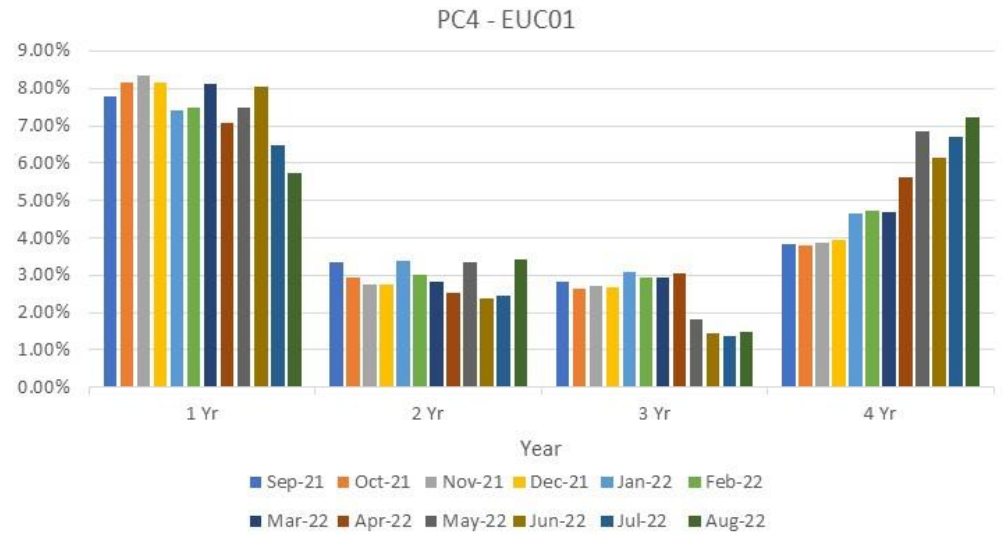


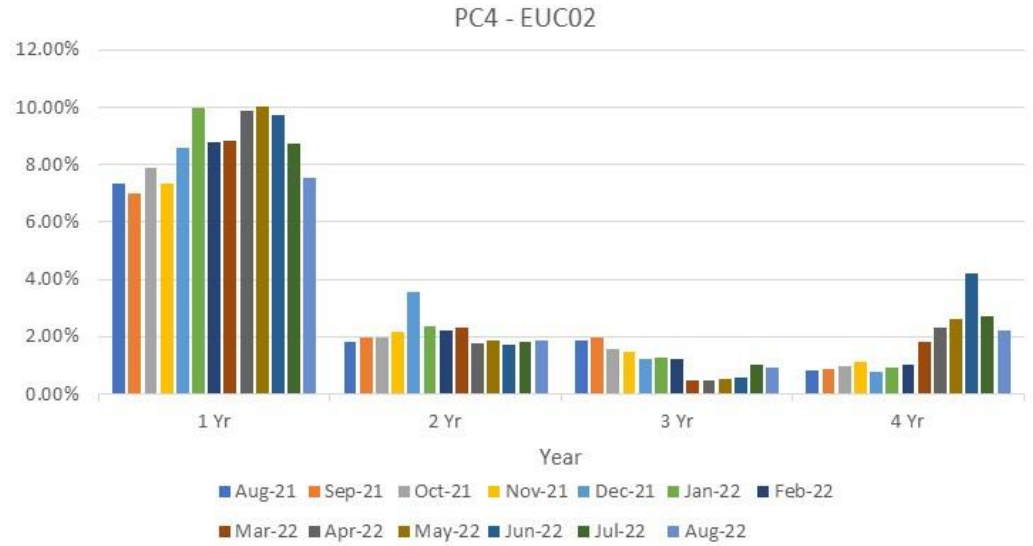


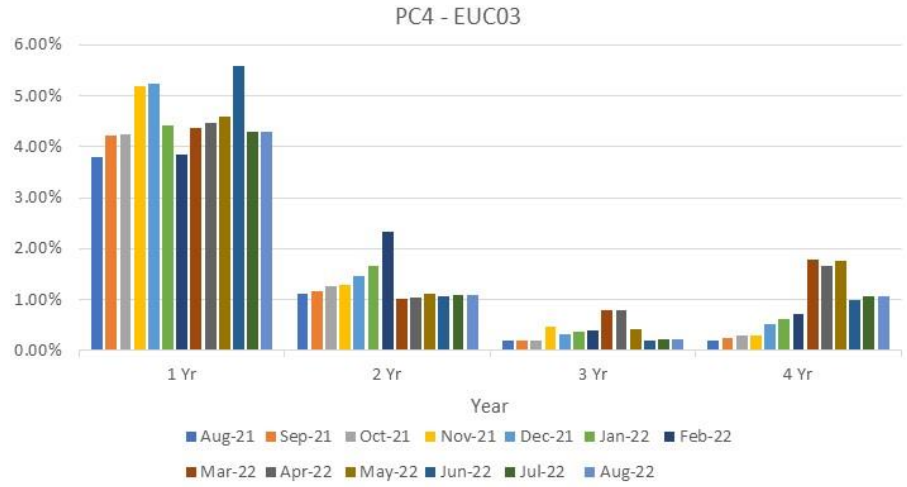


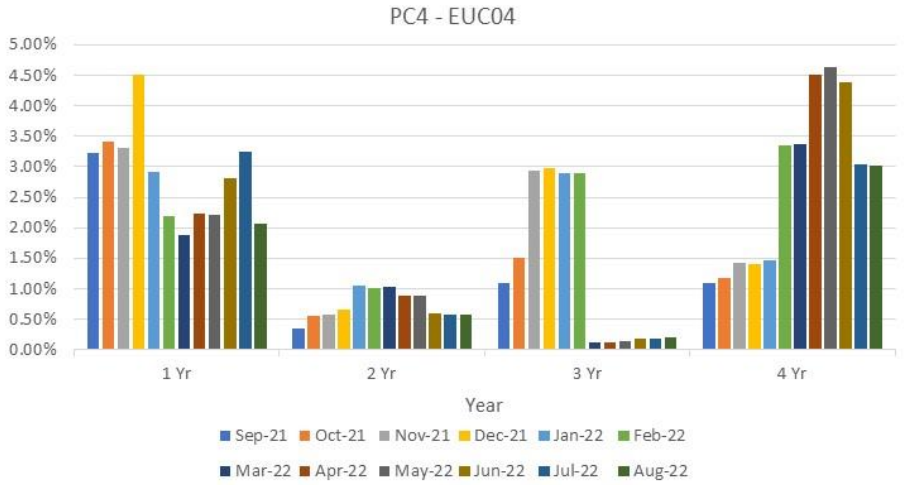
2A.7 NO READS RECEIVED FOR 1, 2, 3 OR 4 YEARS – PRODUCT CLASS 4

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

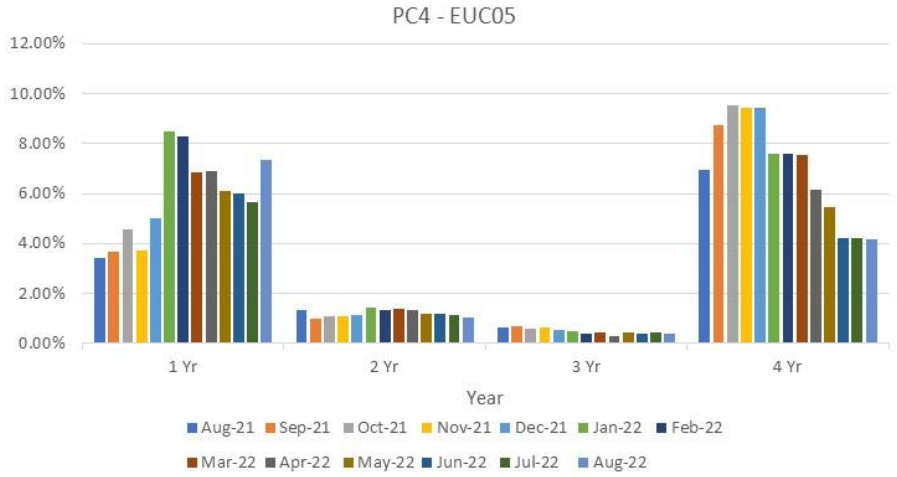


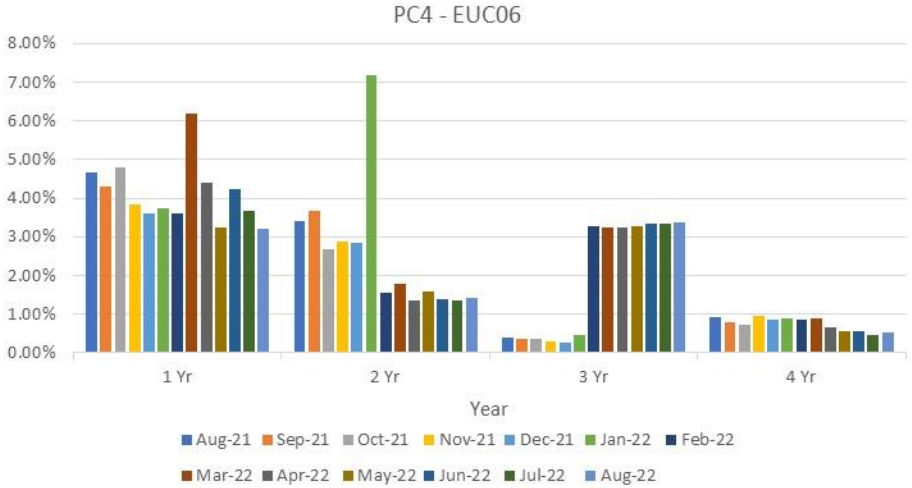


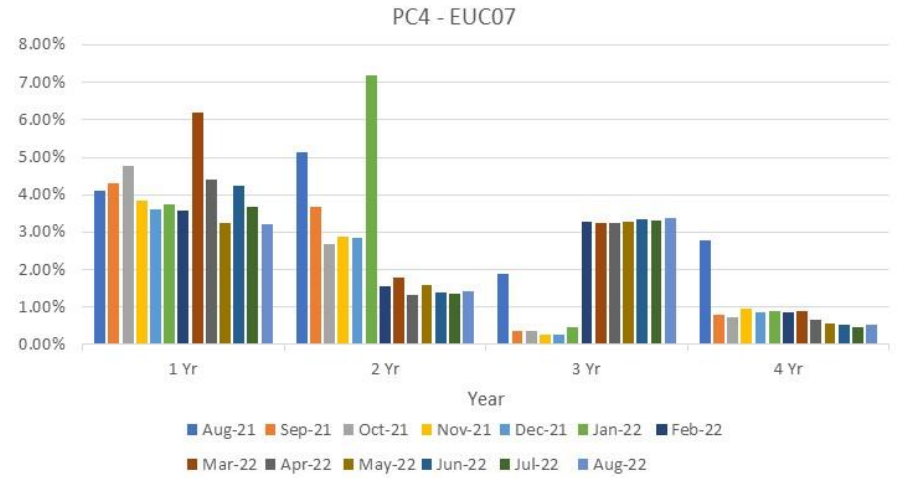


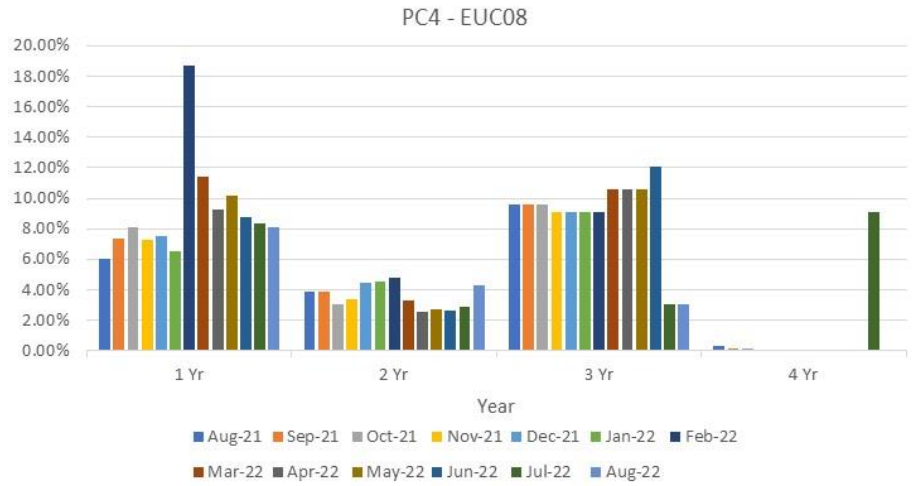


2A.7 NO READS RECEIVED FOR 1, 2, 3 OR 4 YEARS – PRODUCT CLASS 4

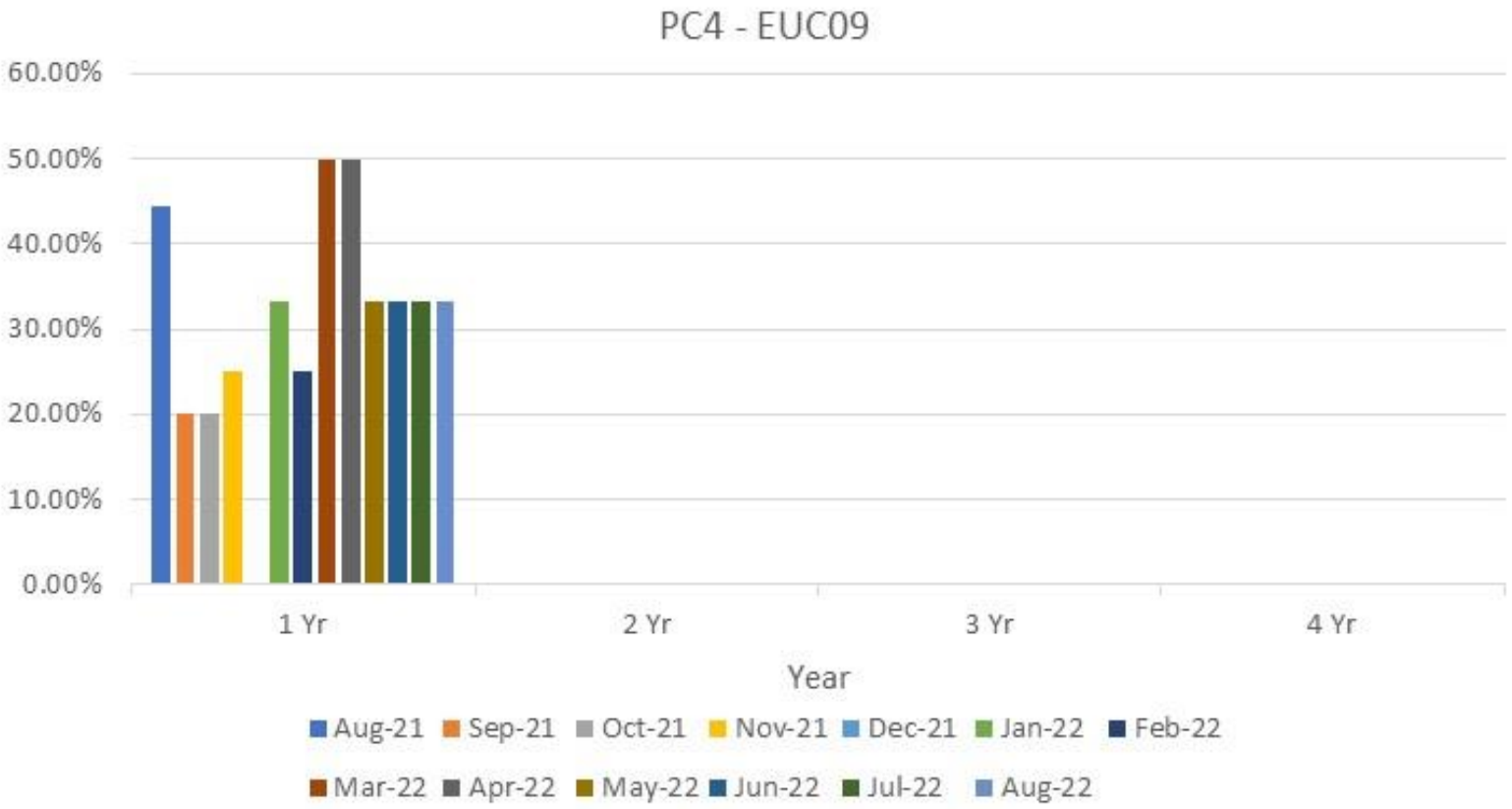








2A.7 NO READS RECEIVED FOR 1, 2, 3 OR 4 YEARS – PRODUCT CLASS 4



2A.8 AQ CORRECTION BY REASON CODE

Report measures the count of Shipper Portfolio of MPRNs where AQ Correction process used

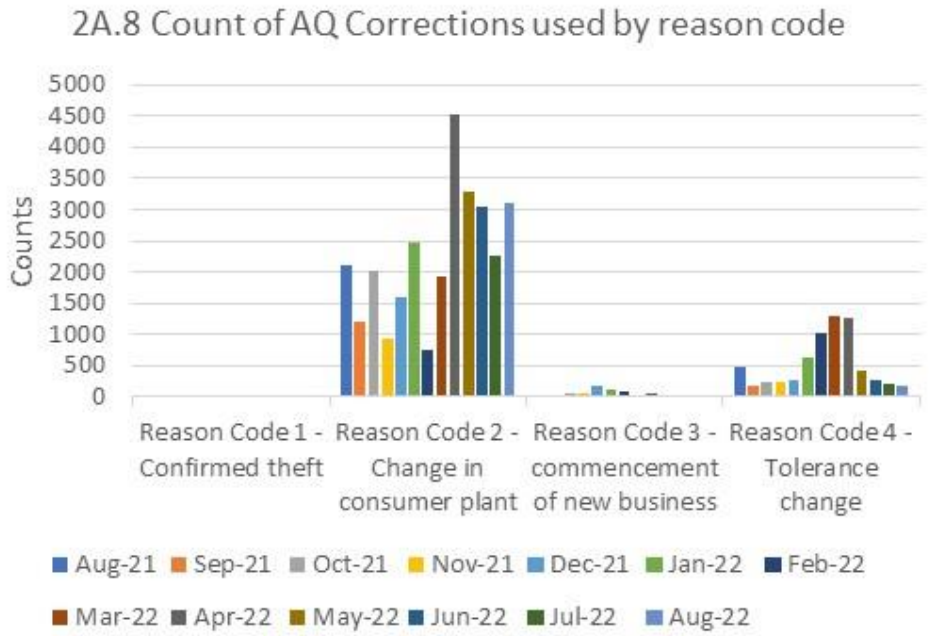
Changes in total number of AQ corrections used

Reason Code 01- Confirmed Theft
No Monthly Change
↓ **1** Annual Change

Reason Code 02- Change in Consumer Plant
↑ **851** Monthly Change
↑ **997** Annual Change

Reason Code 03- Commencement of New Business
↑ **9** Monthly Change
↓ **12** Annual Change

Reason Code 04- Tolerance Change
↓ **18** Monthly Change
↓ **318** Annual Change



Observations:

- The AQ corrections under “change in consumer plant” continues to be the most frequently used reason code.

- The PAC will continue to closely monitor this area, particularly with the development of modification of “Modification 0783R – Review of the AQ correction process”.

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

Report measures the count of sites with an AQ>732,000 kWh, but having a standard correct factor

EUC04

↑ **11** Monthly Change
↓ **118** Annual Change

EUC07

↑ **2** Monthly Change
↑ **5** Annual Change

EUC05

↑ **8** Monthly Change
↑ **85** Annual Change

EUC08

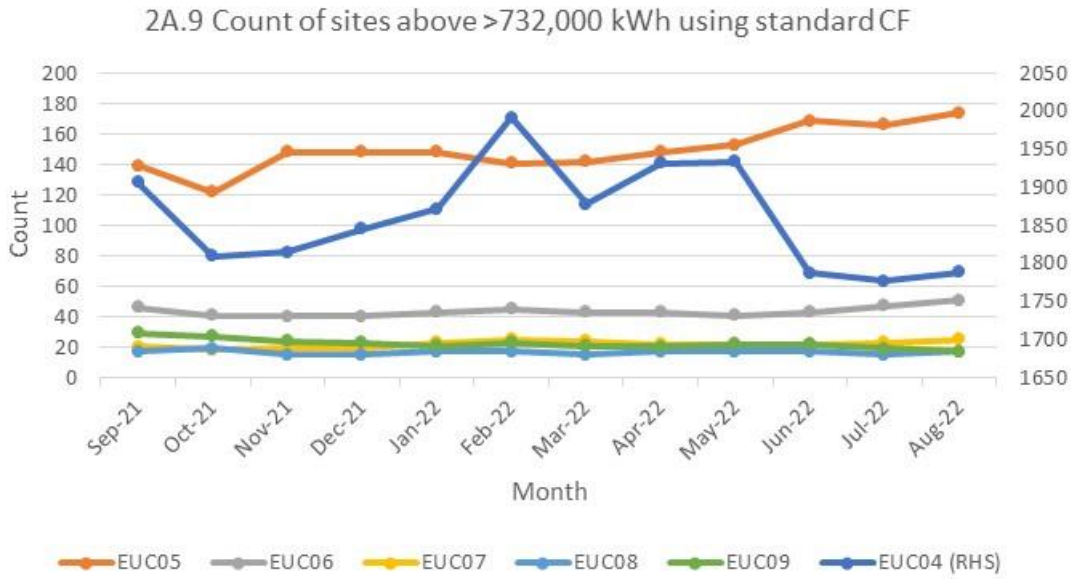
↑ **2** Monthly Change
No Annual Change

EUC06

↑ **4** Monthly Change
↑ **5** Annual Change

EUC09

↓ **2** Monthly Change
↓ **12** Annual Change



Observations:

- EUC04 continues to have a significantly higher number of standard correction factors incorrectly used compared to other EUC bands.
- Work with the CDSP continues in the area, but PAC are aware of the implementation of UNC681s and the potential impacts on the reports.
- Monitoring will continue.

2A.10 REPLACED METER READ

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

EUC01

↑ **878** Monthly Change
↑ **1219** Annual Change

EUC02

↓ **122** Monthly Change
↑ **533** Annual Change

EUC03

↓ **7** Monthly Change
↑ **149** Annual Change

EUC04

↑ **5** Monthly Change
↑ **60** Annual Change

EUC05

↑ **4** Monthly Change
↑ **14** Annual Change

EUC06

↓ **2** Monthly Change
No Annual Change

EUC07

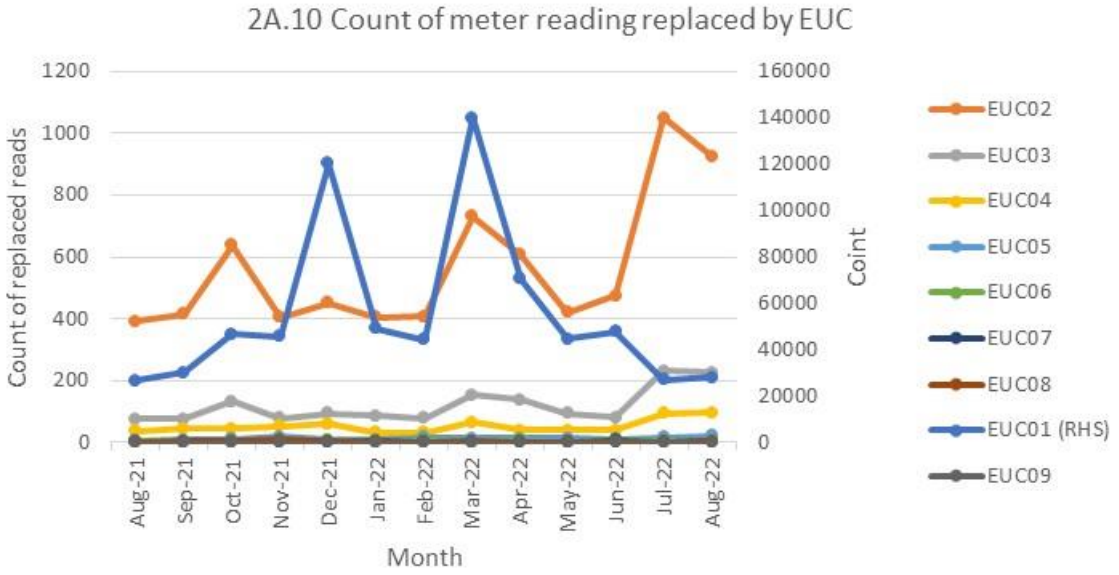
↓ **3** Monthly Change
↓ **4** Annual Change

EUC08

No Monthly Change
↓ **1** Annual Change

EUC09

↓ **1** Monthly Change
No Annual change

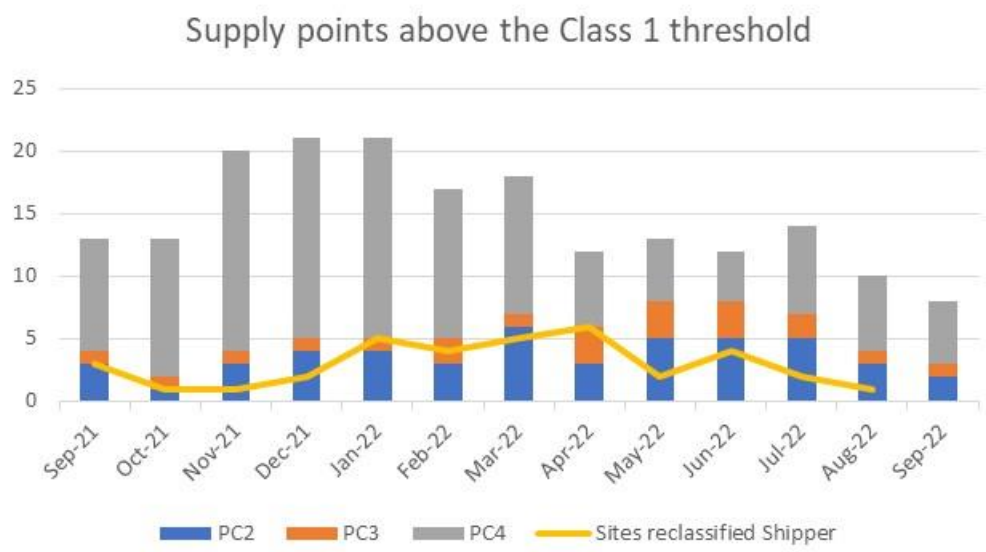


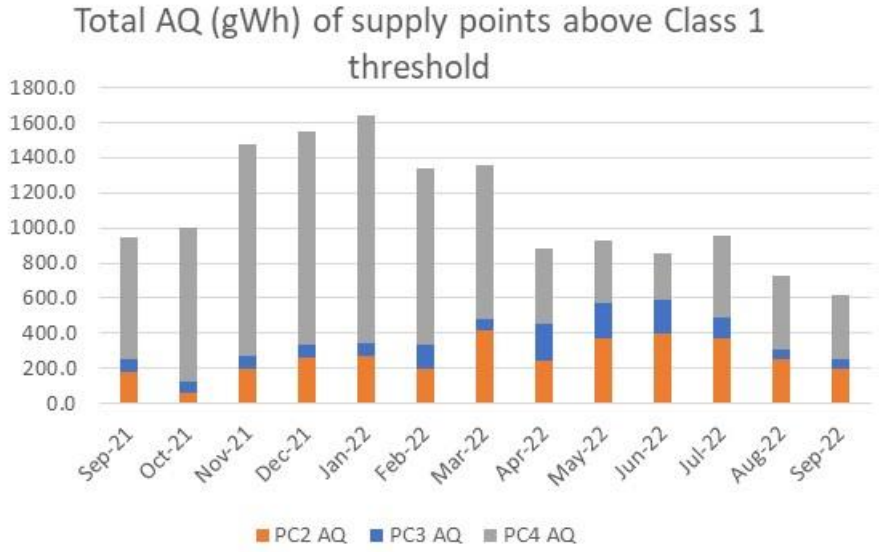
Observations:

- Work with the CDSP has enabled the PAC to identify that in general, the spikes are due to Shipper's cleansing their portfolio.

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

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



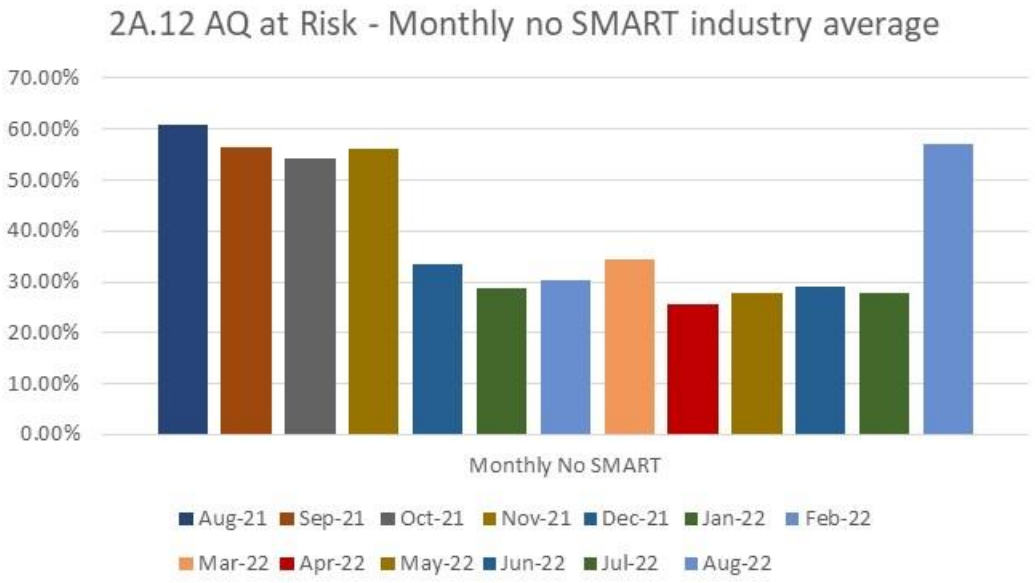


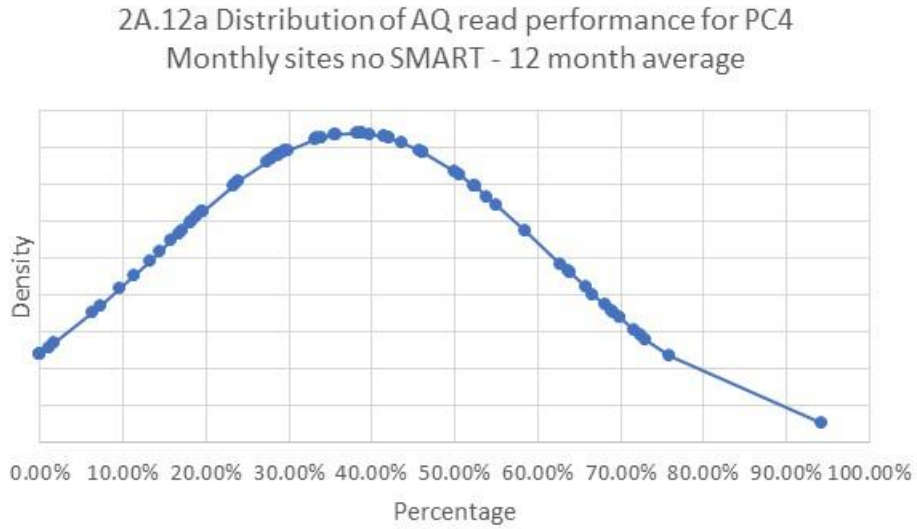
Observations:

- Number of sites above the class 1 threshold has increased over the past few months, with the majority of these sitting in Product Class 4.

2A.12A AQ READ PERFORMANCE – PC4 MONTHLY NO SMART

The report measures the percentage of PC4 monthly read AQ for sites without a SMART meter with an AQ>=293000 kWh.



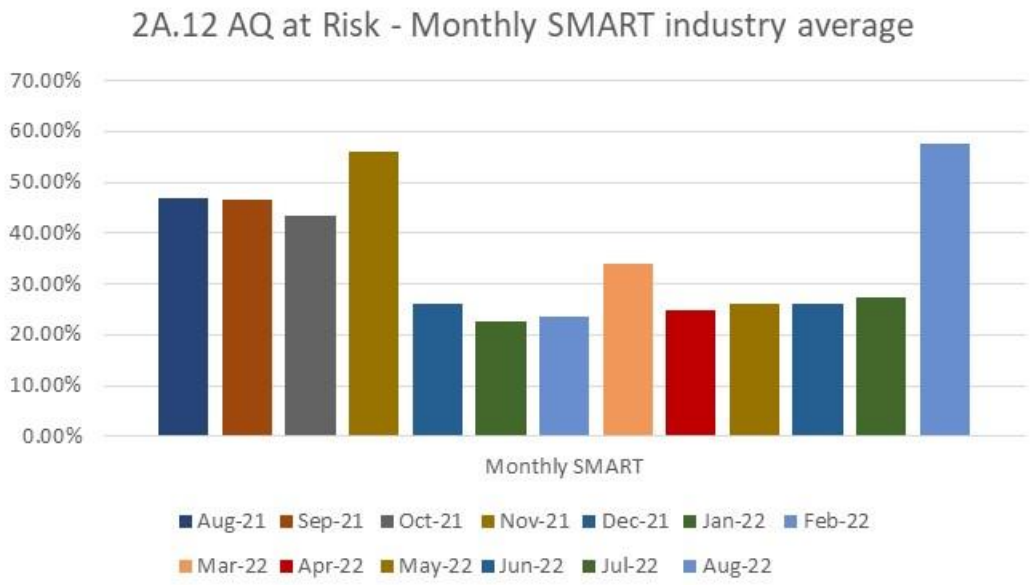


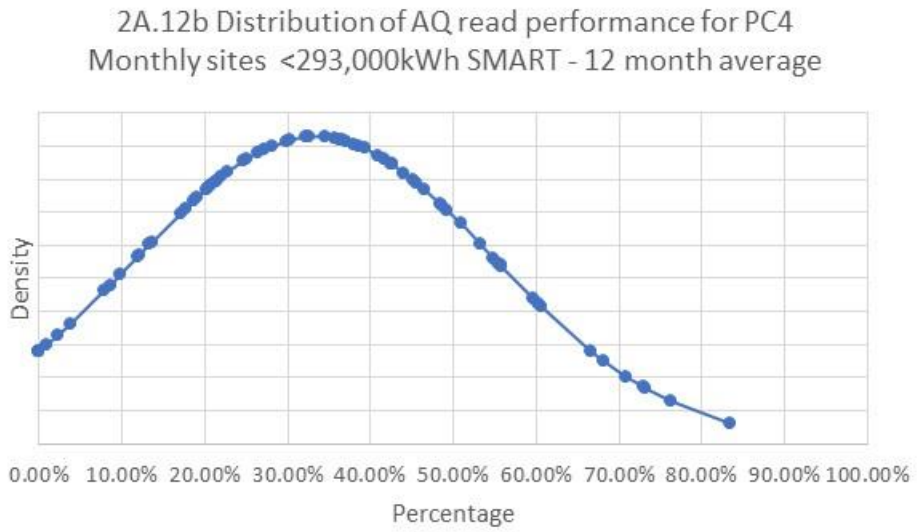
Observations:

- Industry average remains below target of 90% - a number of Shippers are operating below target (based on 12 month average).
- The step change decline in performance from November 2021 onwards is due to the correct logic being applied on the AQ Read Performance reports on the Data Discovery Platform (DDP).
- With the correct logic being deployed, the PAFA will work with Shippers on improving their performance in this area.
  - A number of Shippers remain on performance improvement plans.
  - Performance expected to decline as sites in the market increase due to implementation of Modification 0692.

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

The report measures the percentage of monthly read AQ for sites <293,000 with SMART/AMR





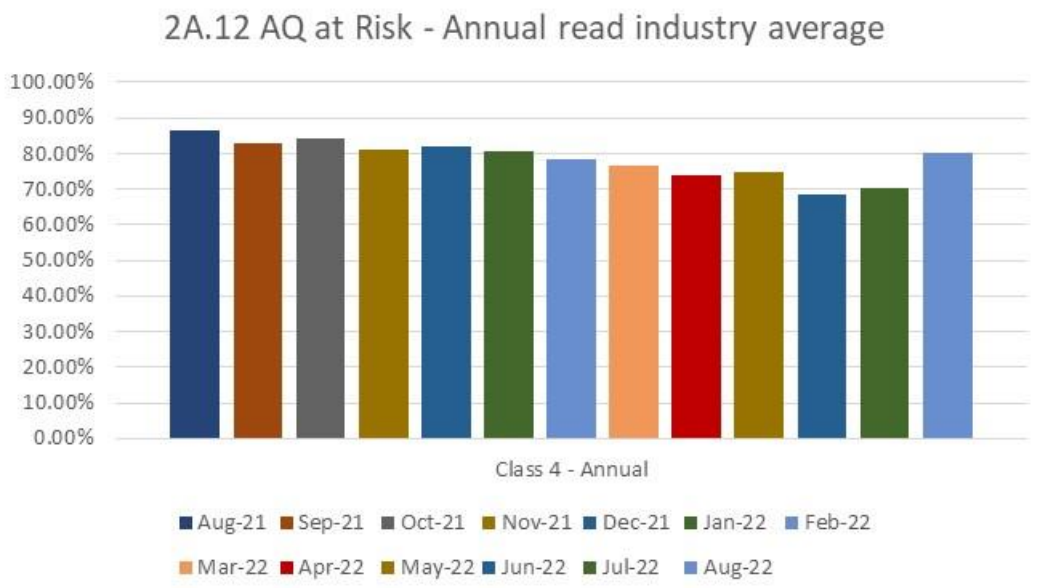
Observations:

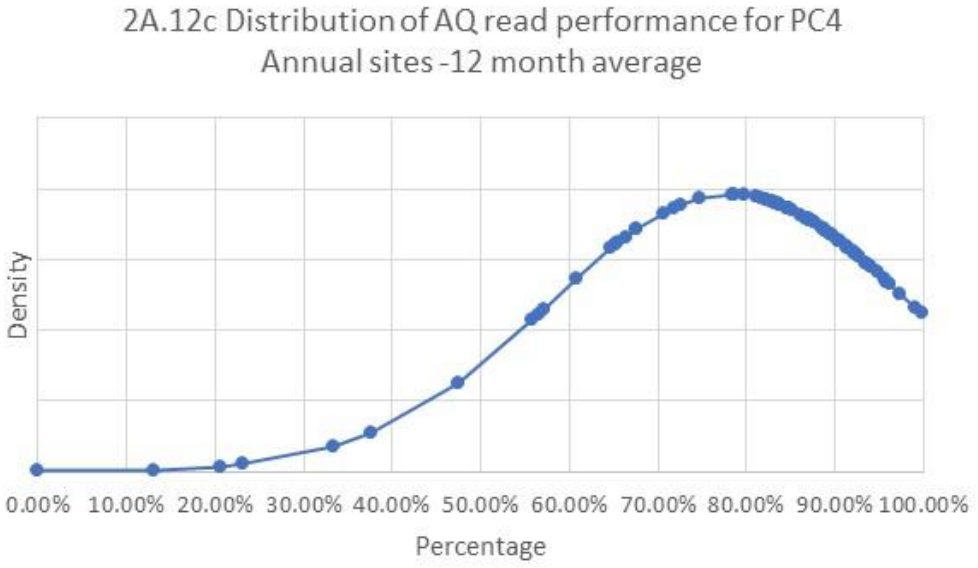
- The step change decline in performance from November 2021 onwards is due to the correct logic being applied on the AQ Read Performance reports on the Data Discovery Platform (DDP).

- With the correct logic being deployed, the PAFA will work with Shippers on improving their performance in this area.
  - A number of Shippers remain on performance improvement plans.
  - Performance expected to decline as sites in the market increase due to implementation of Modification 0692.

2A.12C AQ READ PERFORMANCE – PC4 ANNUAL

The report measures the percentage of annually read AQ for sites <293,000 with no SMART/AMR



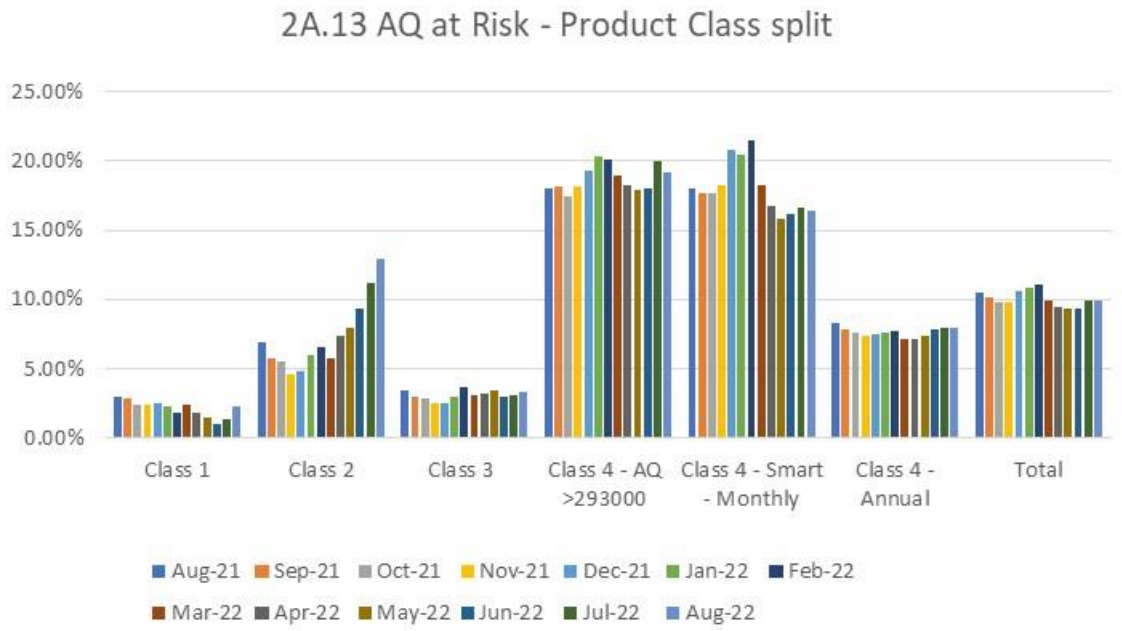


Observations:

- Performance remains relatively unchanged following the updated logic being applied to the reports.

2A.13 AQ AT RISK

The report measures the percentage of Annual Quantity within each product class without a meter reading for the required duration as set out in the UNC.



Observations:

- The majority of the AQ at risk sits within PC4.
  - There has been an increase in recent months to the SMART monthly category, accounting for one of the two top PC containing the largest volume of risk.
- PAFA continue to work with poorly performing Shippers to submit meter readings and reduce the volume of AQ at Risk.

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

Product Class 1

Canberra 6.53%
Valletta 7.60%
Taipei 100%

Product Class 2

Thimphu 27.74%
Rome 32.15%
Saipan 32.29%

Product Class 3

Roseau 18.40%
Kampala 24.70%
Paramaribo 100%

Product Class 4 – AQ>293000

Gibraltar 100%
Tallinn 100%
Majuro 100%

Product Class 4 – Monthly SMART

Luxembourg 100%
Vienna 100%
Apia 100%
Gilbraltar 100%

Product Class 4 - Annual

Bamako 100%
Luxembourg 100%
Reykjavik 100%

APPENDIX – PARR REPORT DETAILS

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

APPENDIX – PARR REPORT DETAILS

Report ID	Topic	Details	Split By	12 Rolling Months	Report Format	e.g. for Nov Report	Condition
2A.12	Class 4 read submission performar	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

GEMSERV

PAFA@GEMSERV.COM