PARR Dashboards

15th February 2022

PAFA

Gemserv

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:

↓ 6.71% - Monthly change
↑ 7.23% - Annual change

Monthly changes:

↑ 2.62% Mogadishu
↑ 2.99% Philipsburg
↑ 8.44% Luanda
↓3.93% Rome
↓4.95% Tehran
↓12.80% Valletta

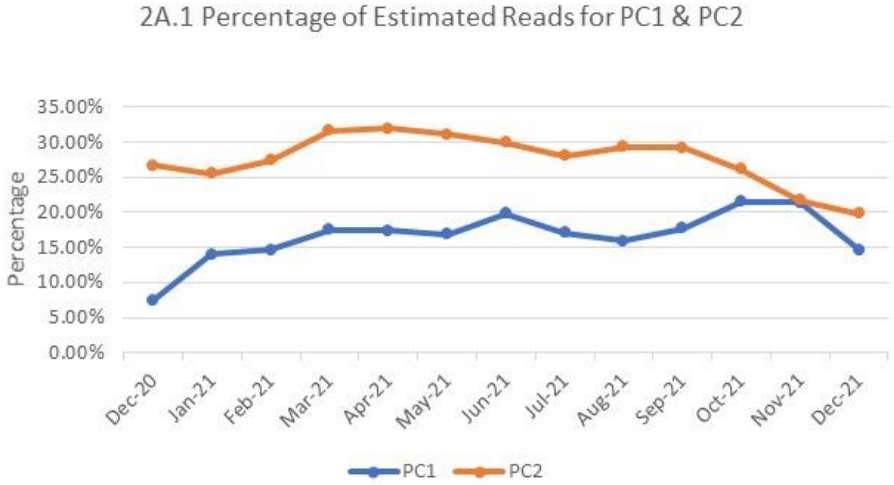
PC2

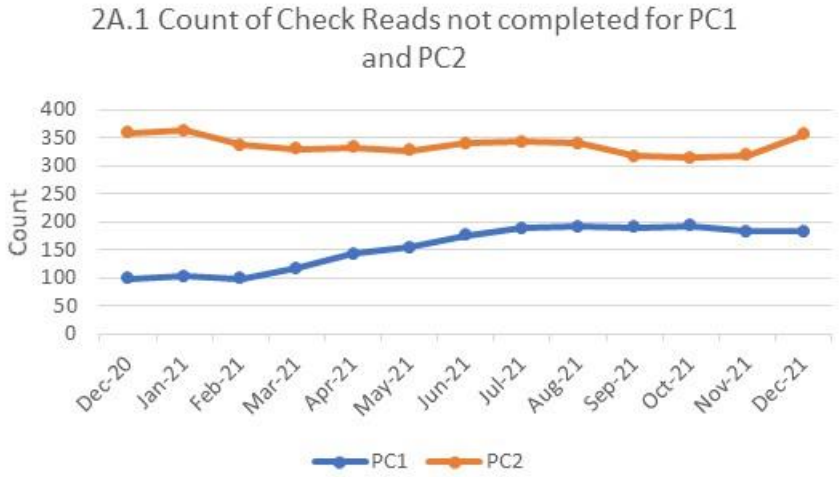
Industry movement:

↓ 1.89% Monthly change
↓ 6.86% Annual change

Monthly changes:

↑ 3.23% Washington
↑ 3.23% Rome
↑ 32.69% Manama
↓4.46% Thimphu
↓6.06% Praia
↓11.80% Reykjavik

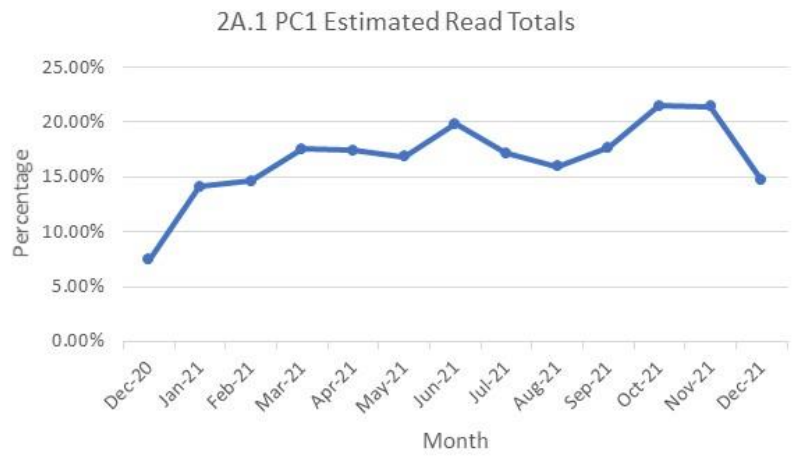


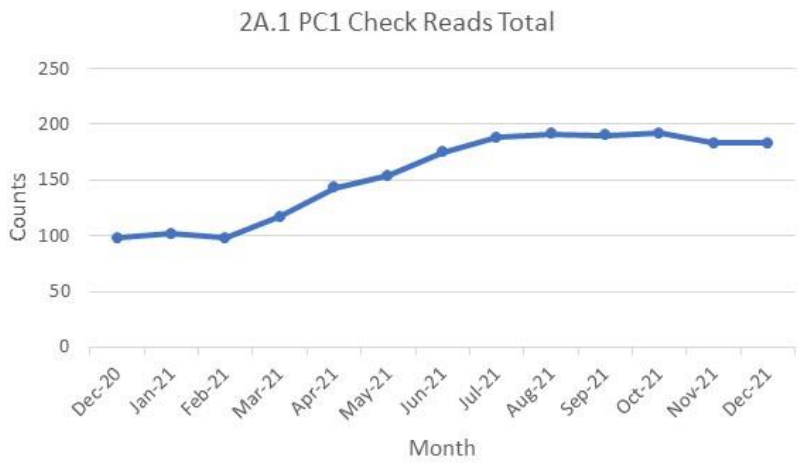


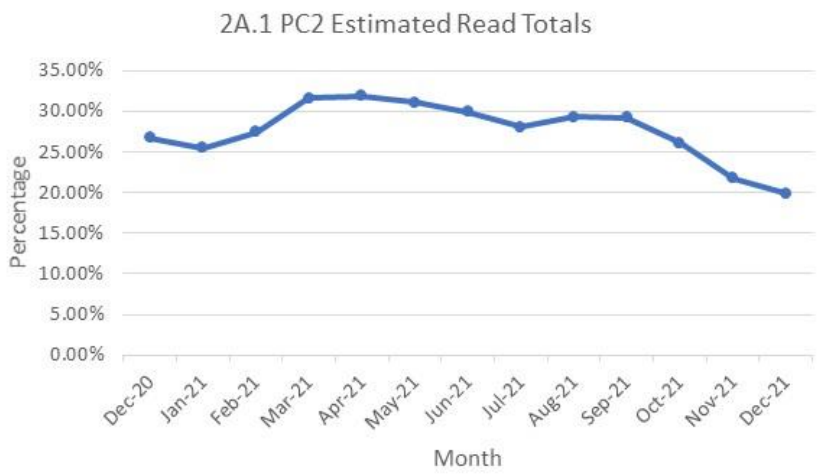
Observations:

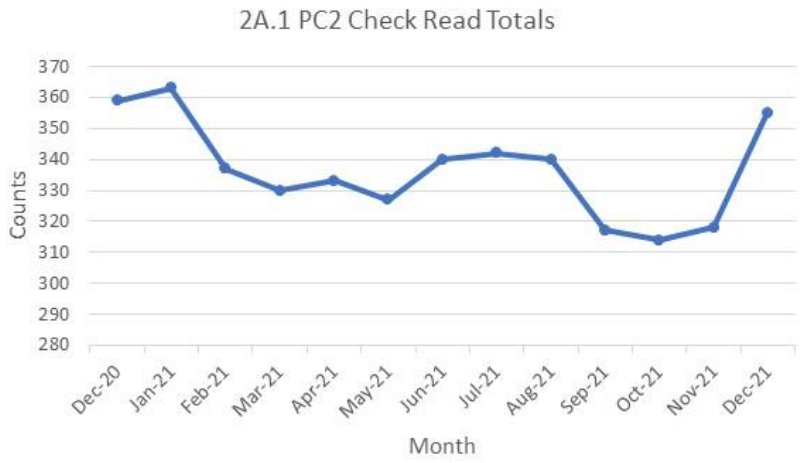
- Estimated reads have increased for both PC1 and PC2 over the course of the year, though both measures appear to be declining as the number of reads submitted increase.
- The number of uncompleted check reads in PC1 have been increasing over the course of the year whilst the uncompleted check reads in PC2 have increased over the last month.

2A.1 Estimated & Check Reads - Product Classes 1 & 2

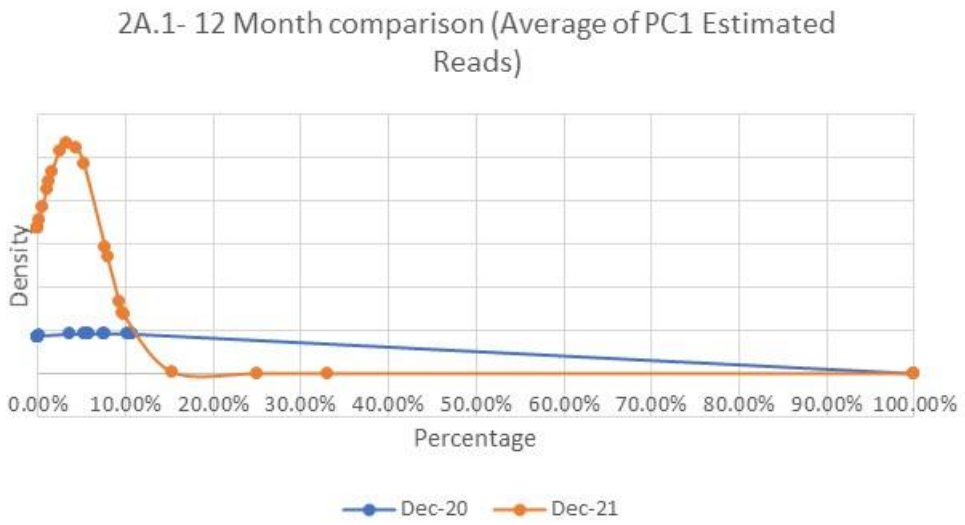


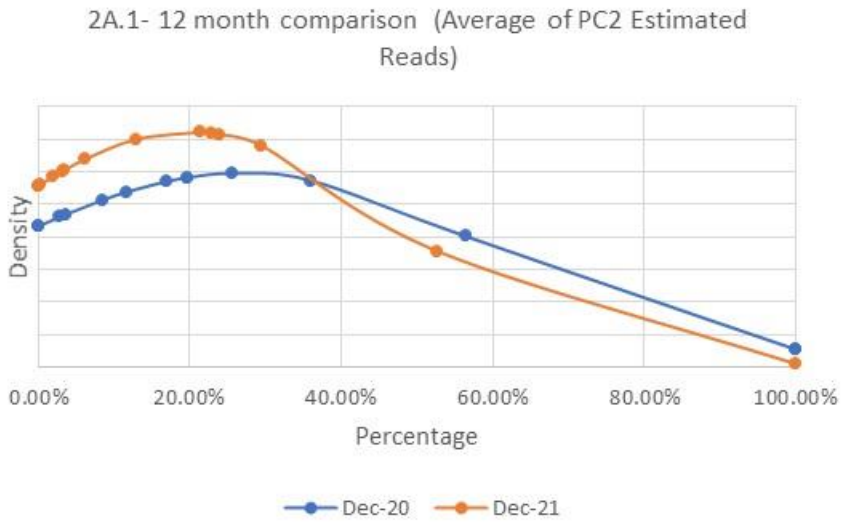






2A.1 Estimated & Check Reads - Product Classes 1 & 2





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

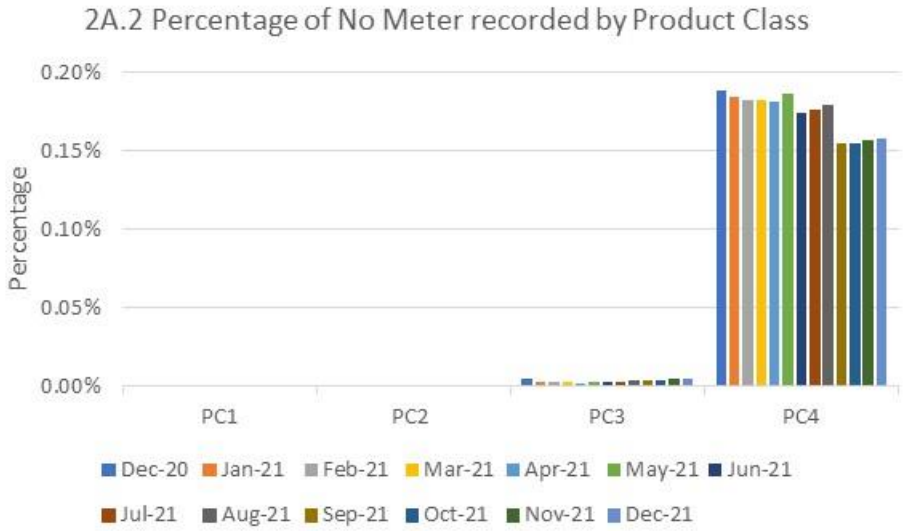
0% for all shippers

PC3

Highest shippers:
Dili 0.02%
Praia 0.52%

PC4

Highest shippers:
Baghdad 2.29%
Belmopan 2.39%
Luxembourg 21.31%



Observations:

- The % of no meter recorded in PC4 continues to decline from the highs seen in 2020.
- The PAC, PAFA and CAMs 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 & PC2

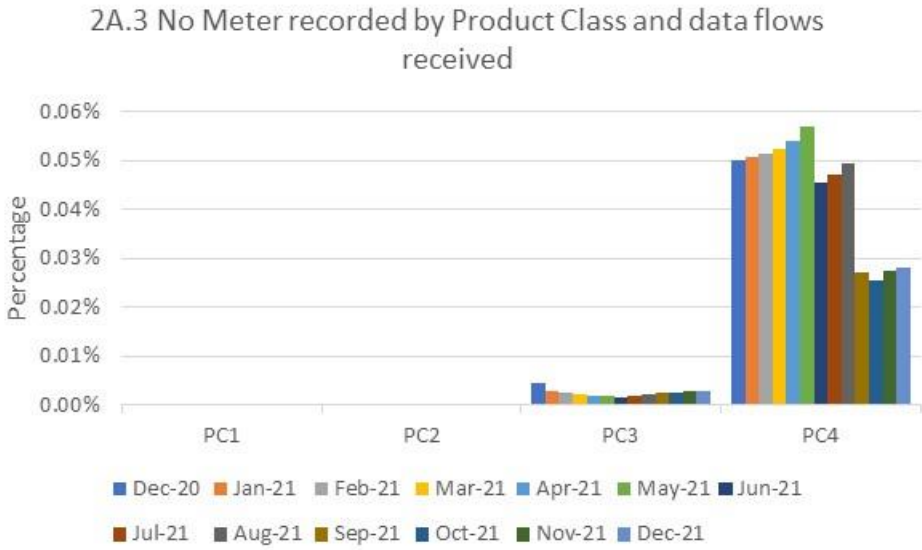
0% for both product classes

PC3

Highest shippers:
Praia 0.12%

PC4

Highest shippers:
Roseau 0.84%
Saipan 0.91%
Luxembourg 3.28%



2A.4- Shipper Transfer Read Performance

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

Industry movement:
↓3.83% Monthly change
↓10.94% Annual change

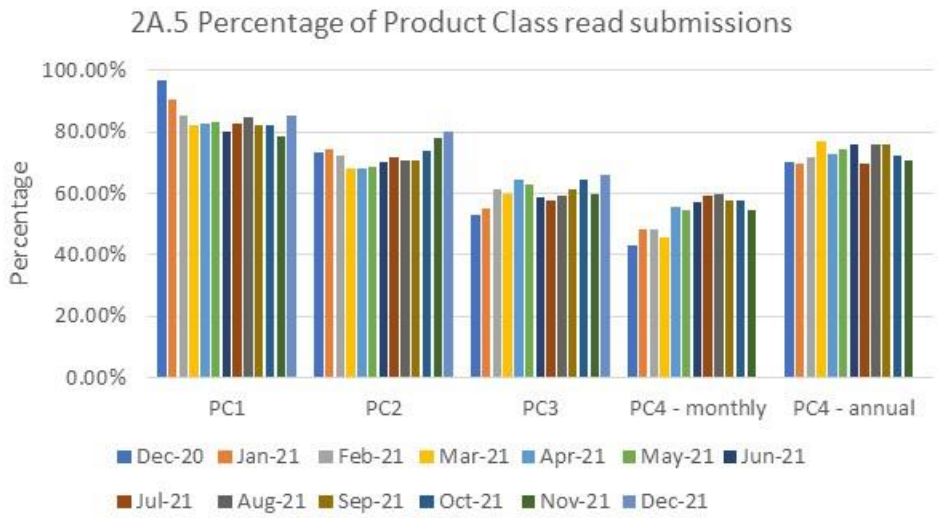
Observations:

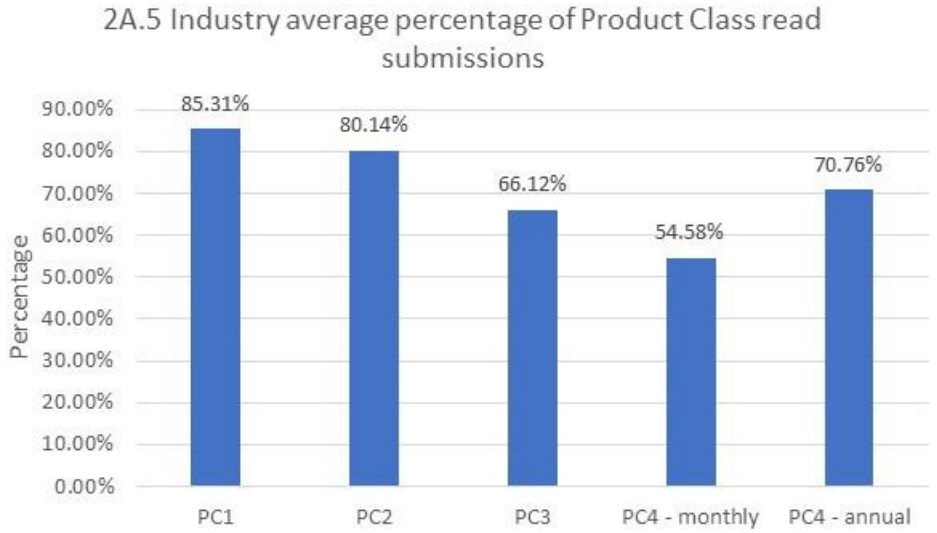
- The number of transfer reads being submitted within the relevant window are still well below the requirements of the UNC.
- The previous two months have seen declines with the Supplier of Last Resort (SoLR) movements driving further declines.
- The PAFA will continue to monitor this area.

2A.5- Read Performance

Report measures the average percentage of Shipper portfolio submitting reads in December 2021

PC4 Monthly and Annually read measures the average percentage of Shipper portfolio submitting reads in November 2021





Poorest performing Shippers:

PC1
0.00% Khartoum
0.00% Marigot
66.94% Canberra

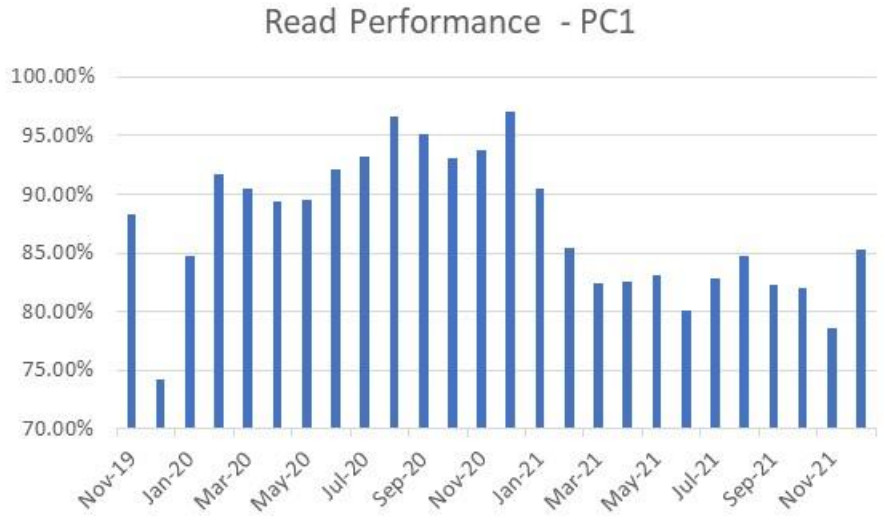
PC2
0.00% Tehran
47.31% Manama
70.52% Rome

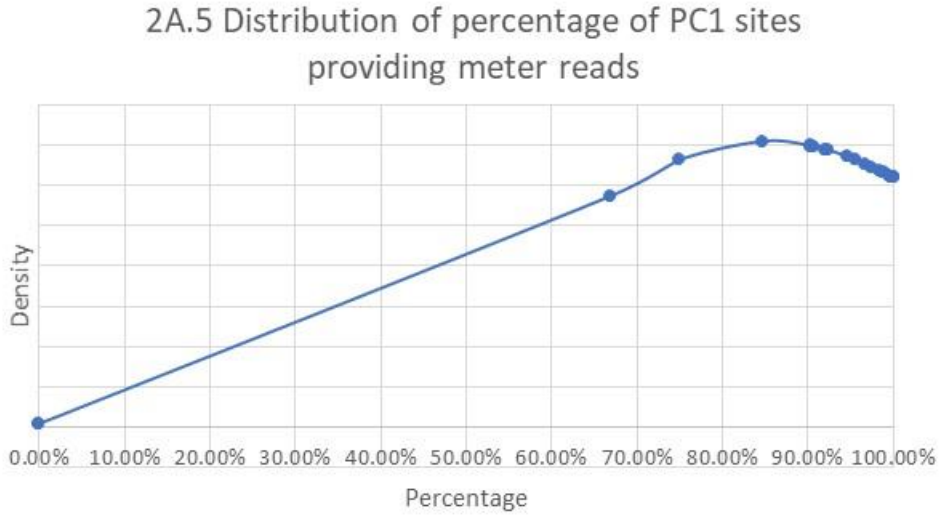
PC3
0% Berlin
0% Oranjestad
0% Paramaribo
0% Philipsburg

PC4 (Monthly)
0% Baghdad
0% Berlin
0% Bern
0% Basseterre
0% Gaborone
0% Maputo
0% Riyadh

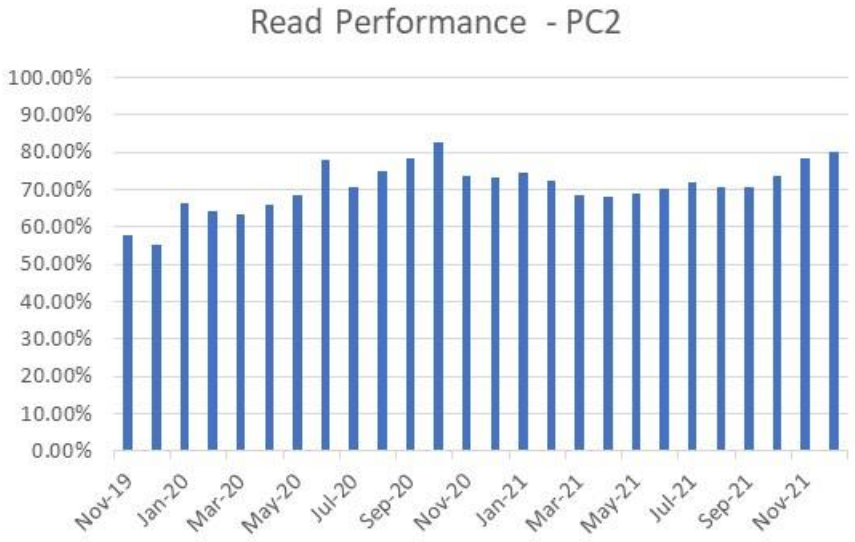
PC4 (Annual)
0% Alofi
0% Marigot
0% Kingstown
0% Basseterre
0% Quito
0% Bamako

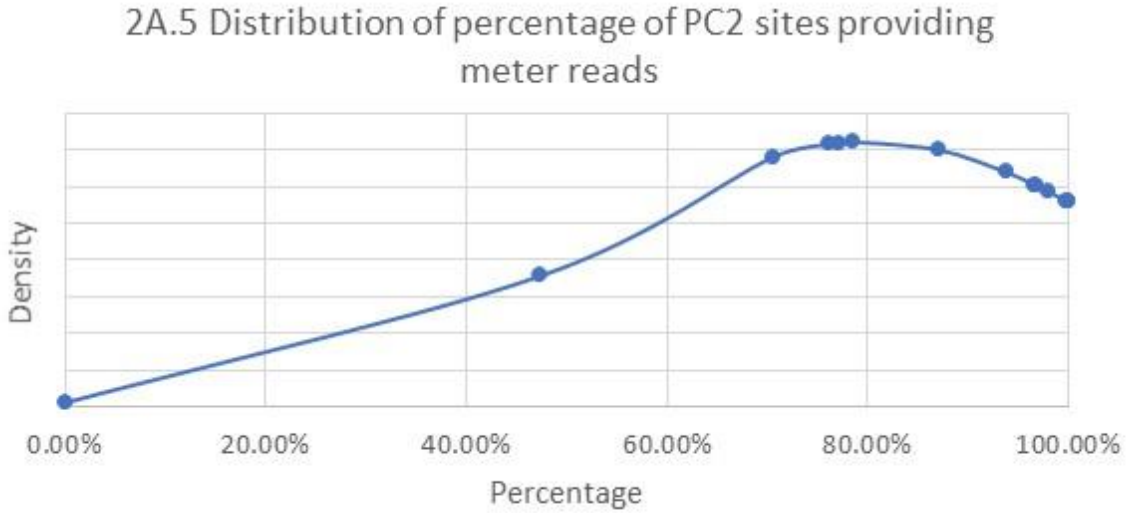
2A.5- Read Performance (PC1)



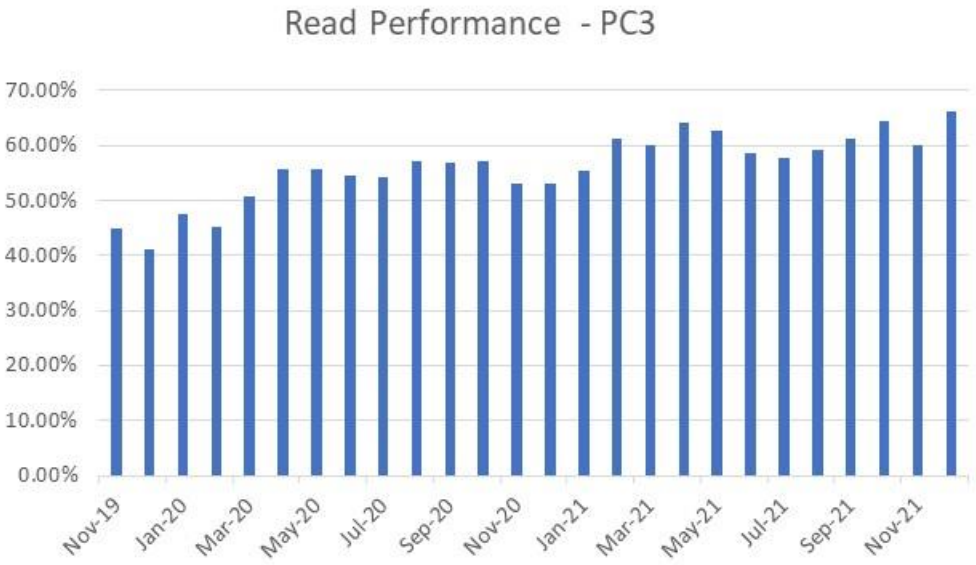


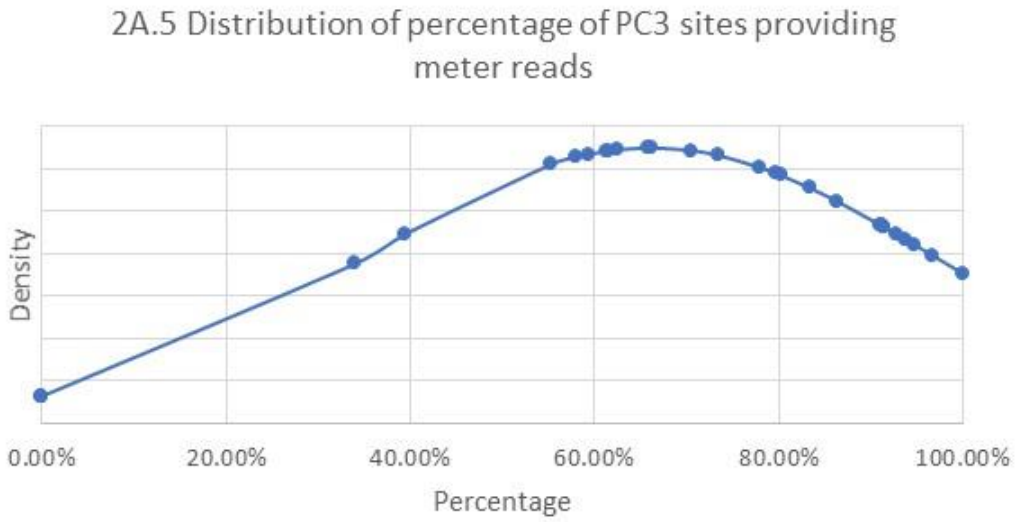
2A.5- Read Performance (PC2)



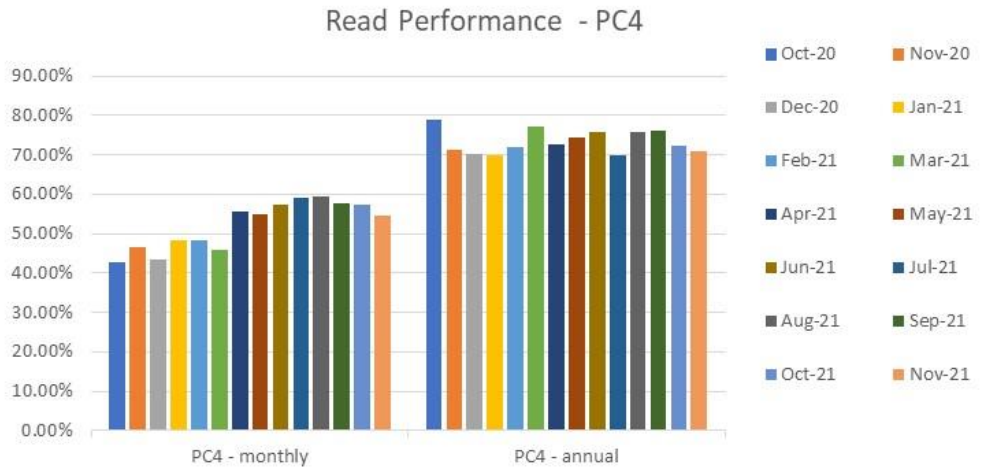


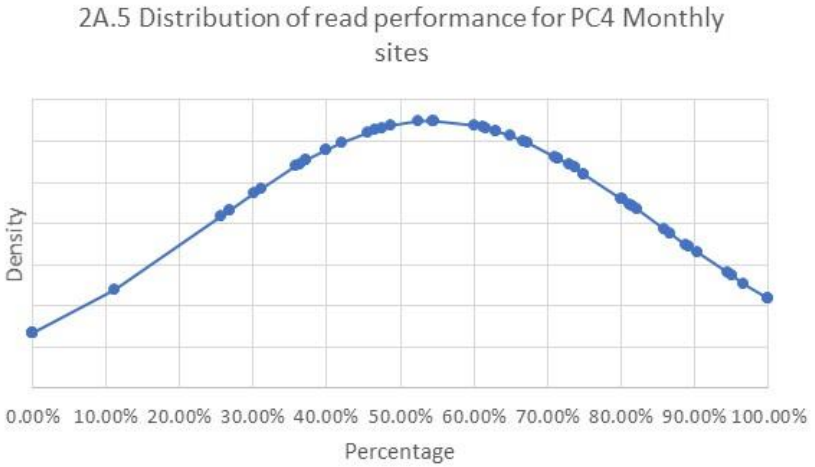
2A.5- Read Performance (PC3)

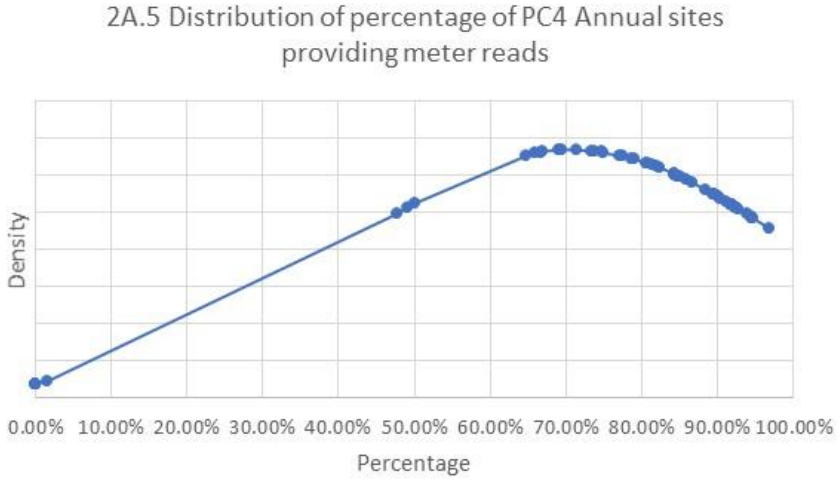




2A.5- Read Performance (PC4)

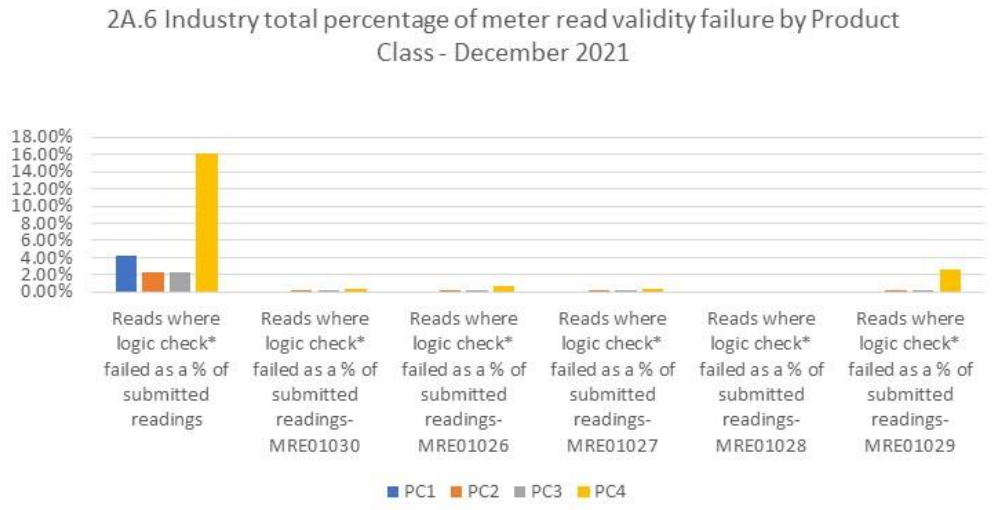






2A.6 Meter Read Validity Monitoring

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

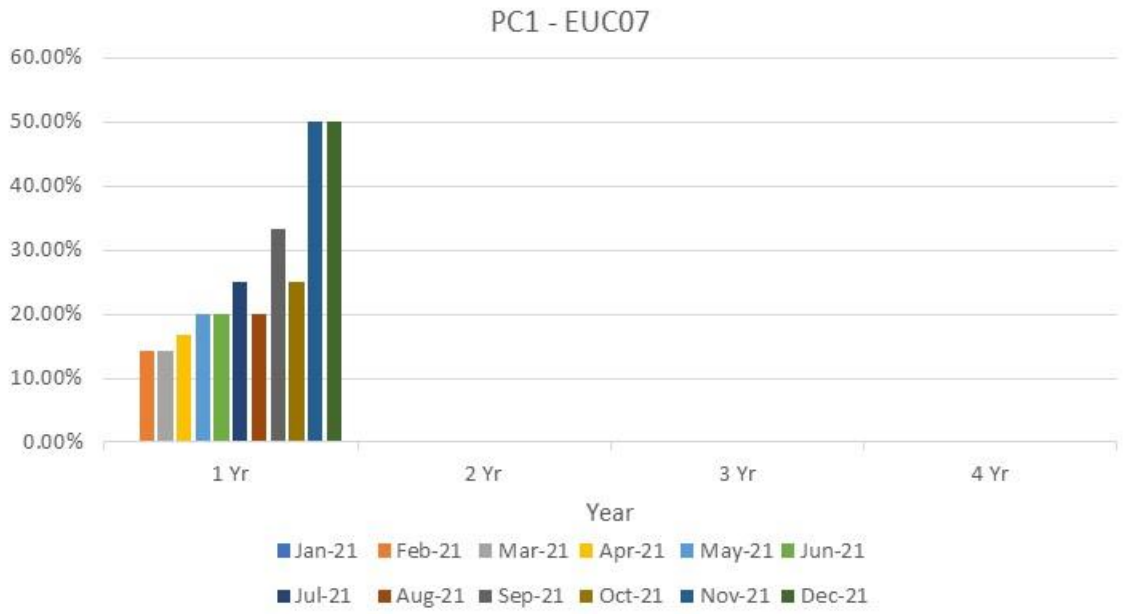


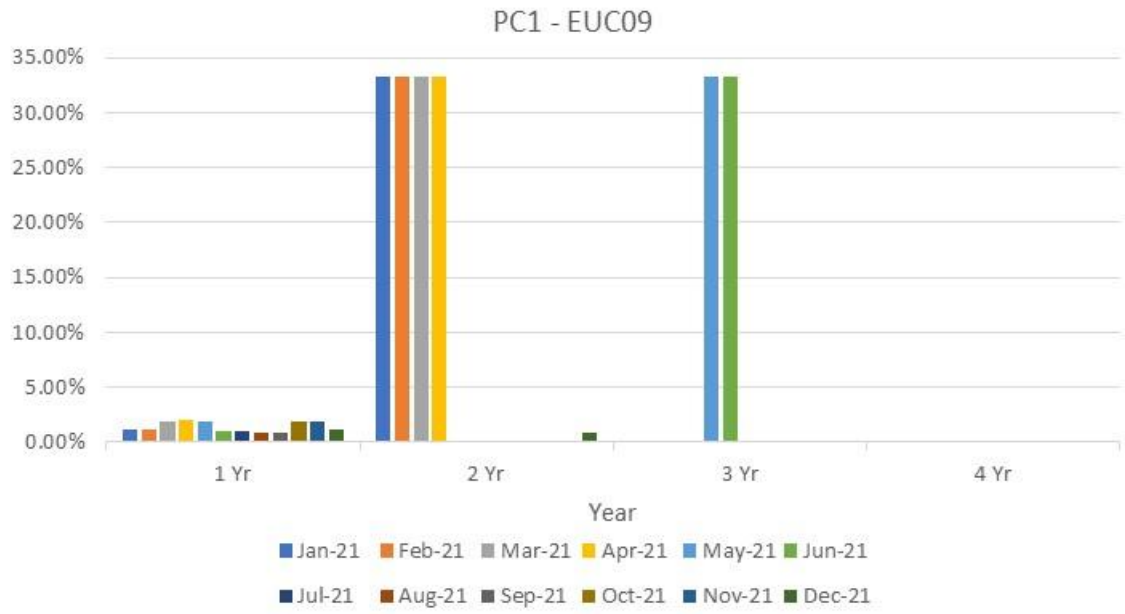
Product Class	Reads where logic check failed as a % of submitted readings	MRE01030	MRE01026	MRE01027	MRE01028	MRE01029
1	Canberra – 54.39%					
2	Philipsburg –27.20%	Thimphu – 3.03%	Washington – 1.64%	Philipsburg– 0.52%		Saipan– 2.22%
3	Yerevan – 38%	Khartoum – 9.77%	Gitega – 0.02%	Roseau – 3.39%		Monaco – 34.46%
4	Thimphu – 79.44%	Praia - 10.45%	Canberra – 19.40%	Sarajevo – 6.67%		Sarajevo – 20.00%

2A.7 No Reads Received for 1, 2, 3 or 4 years – Product Class 1

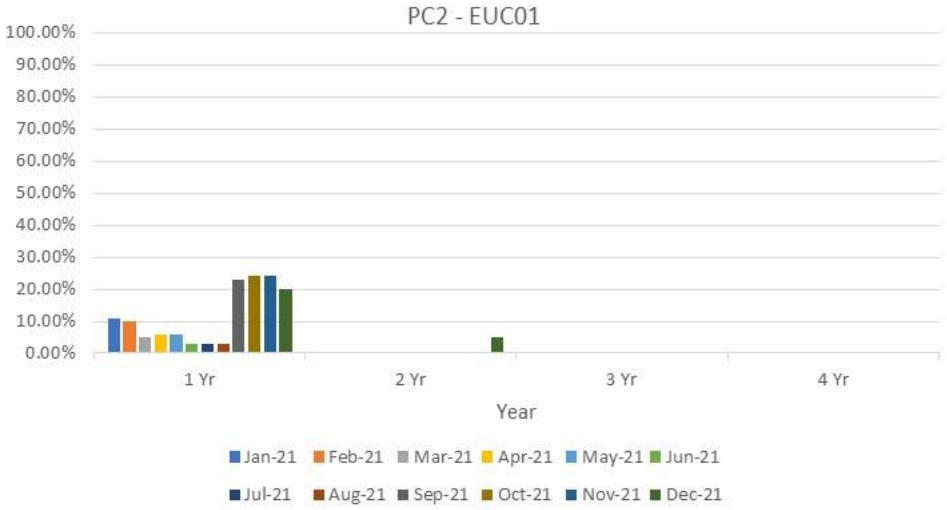
Report measures the percentage of Shipper portfolio in the specified AQ band without a meter reading for the specified period

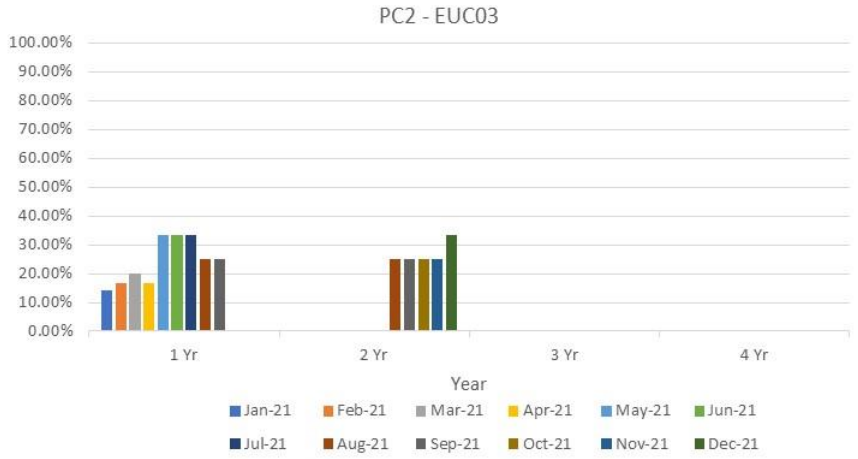
EUC01 – EUC06, EUC08 have no meters which have not been unread for a period less than one year in recent months

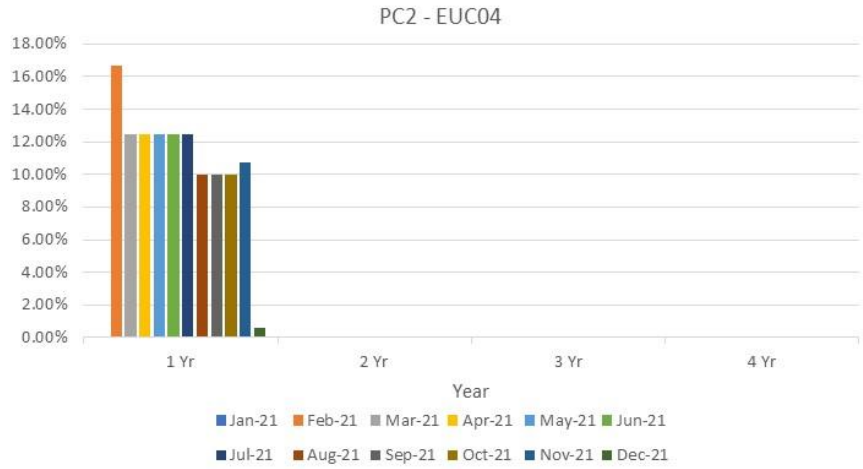




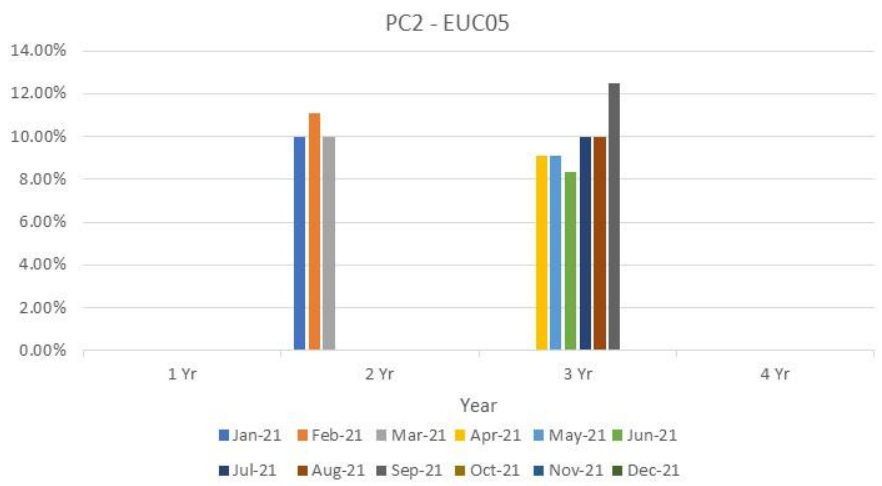
2A.7 No Reads Received for 1, 2, 3 or 4 years – Product Class 2

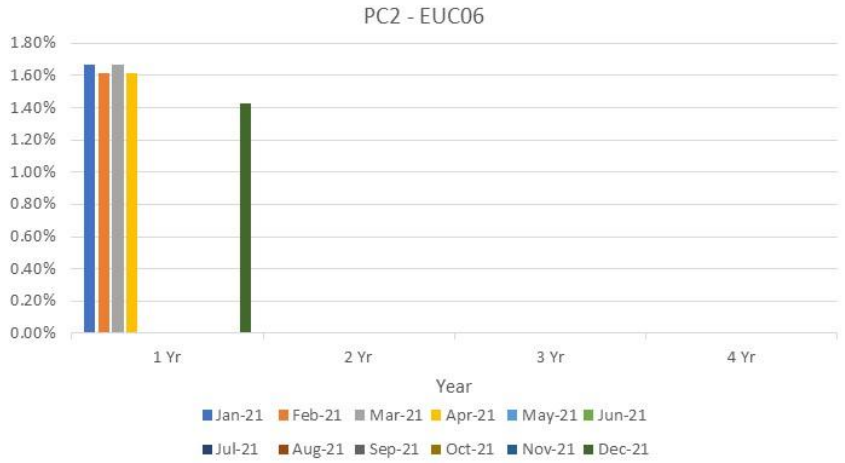


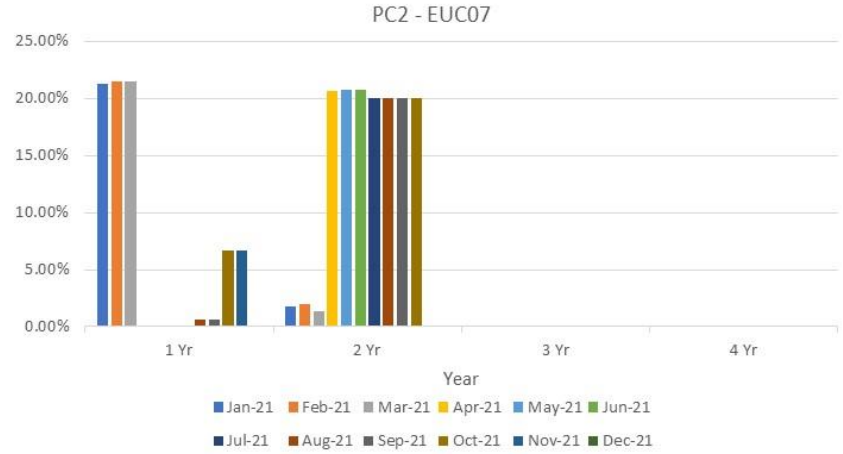


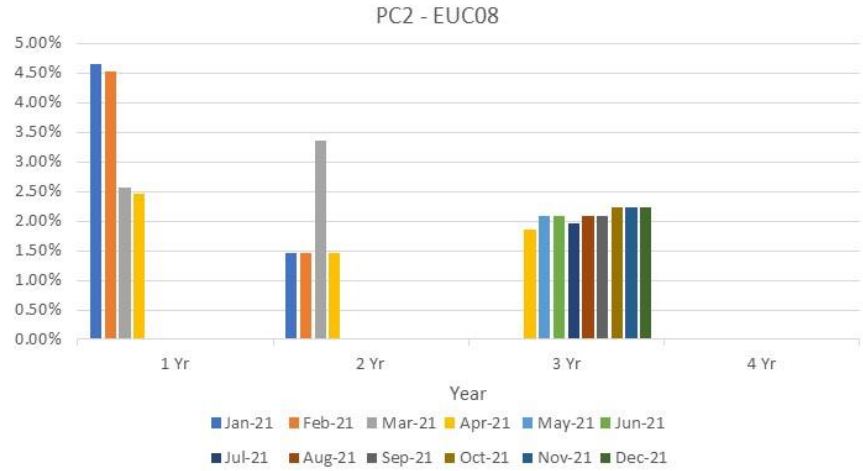


2A.7 No Reads Received for 1, 2, 3 or 4 years – Product Class 2

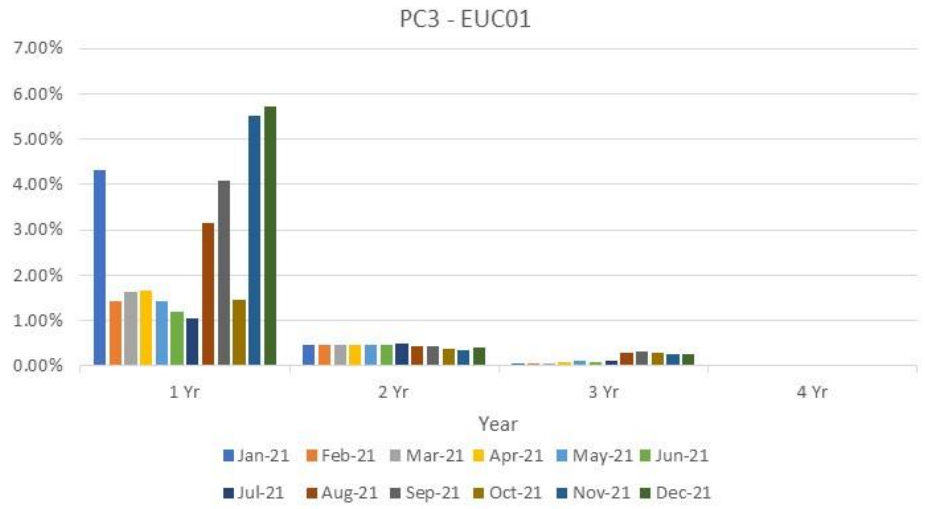


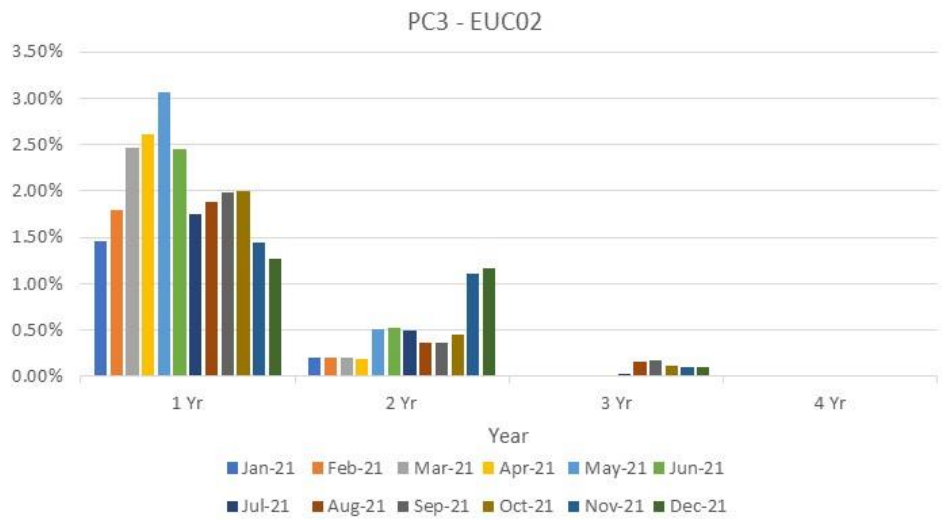


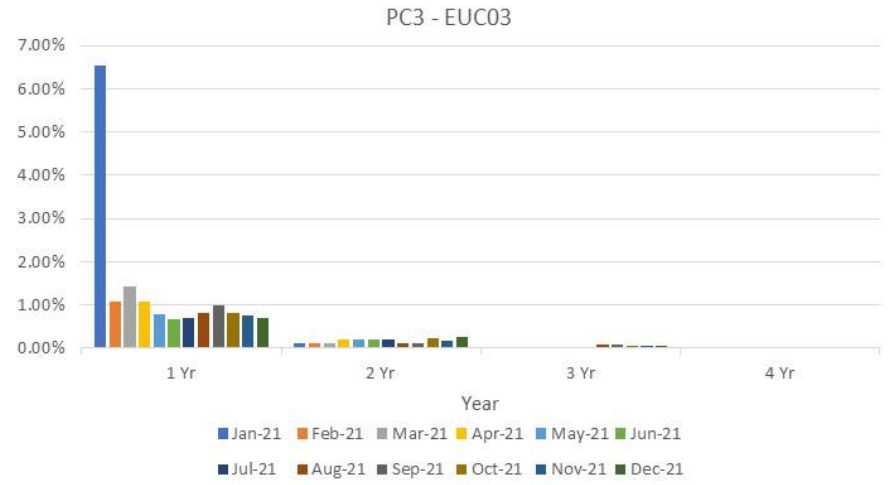


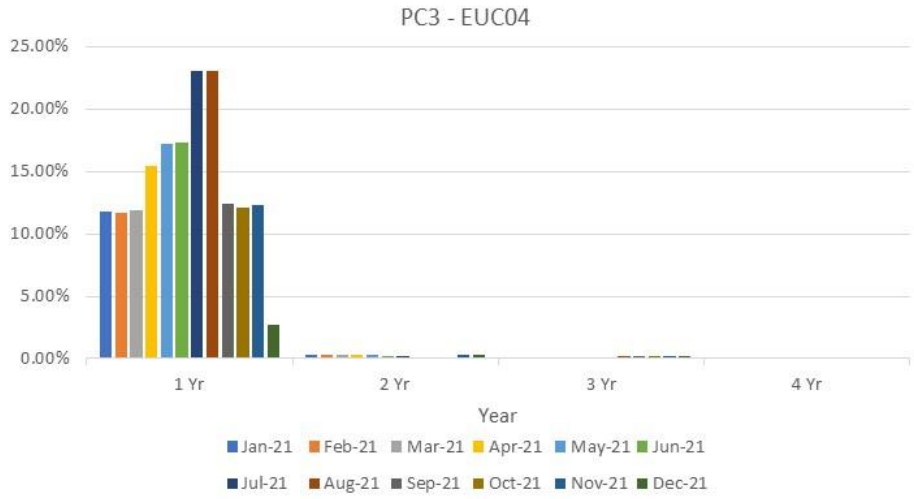


2A.7 No Reads Received for 1, 2, 3 or 4 years – Product Class 3

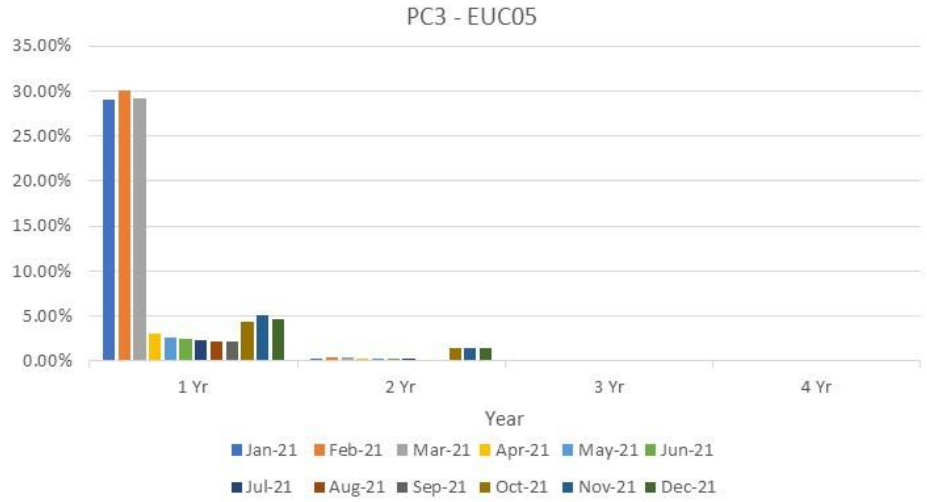


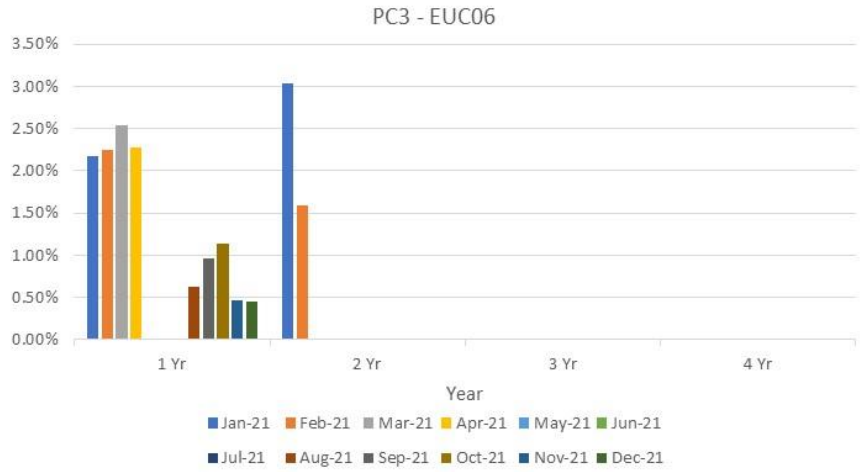


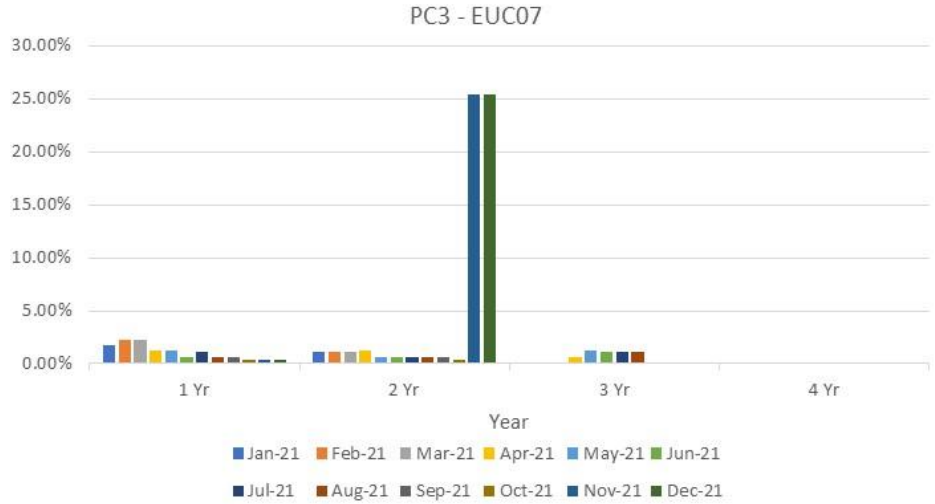


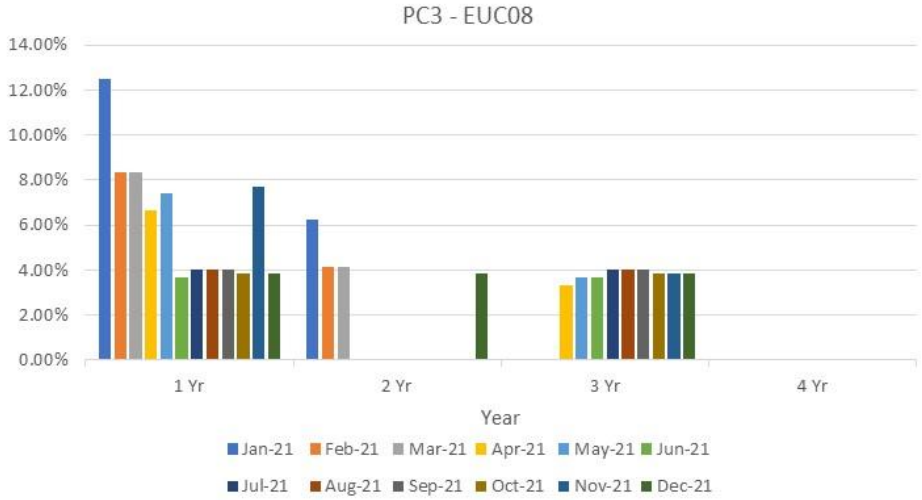


2A.7 No Reads Received for 1, 2, 3 or 4 years – Product Class 3

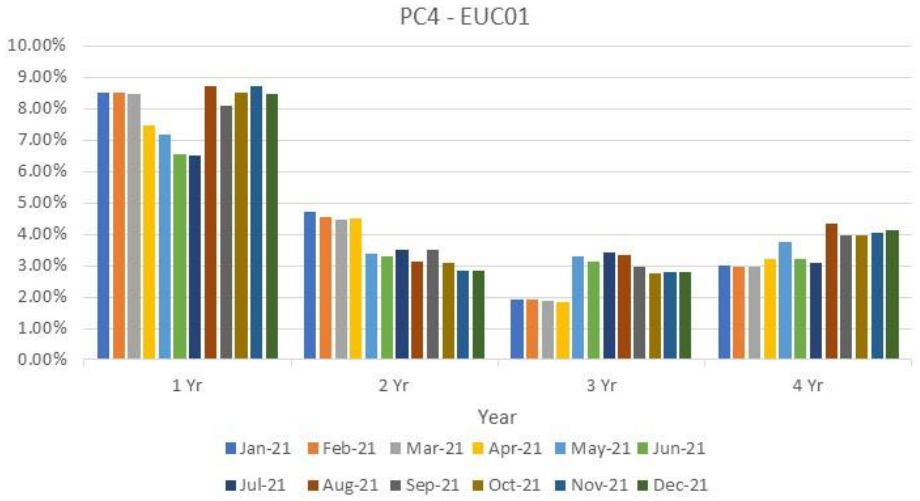


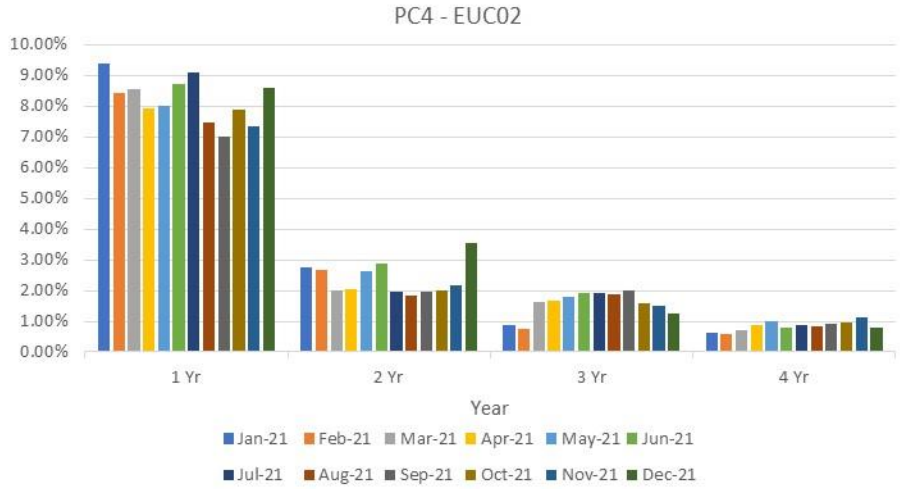


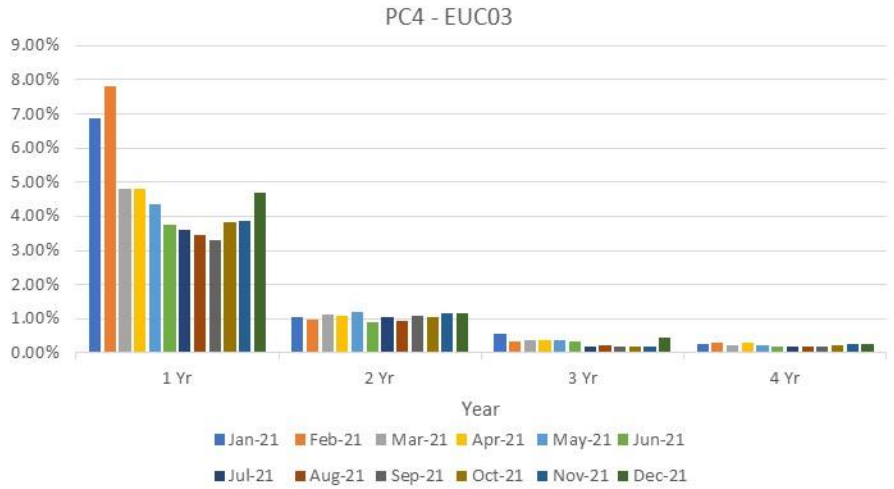




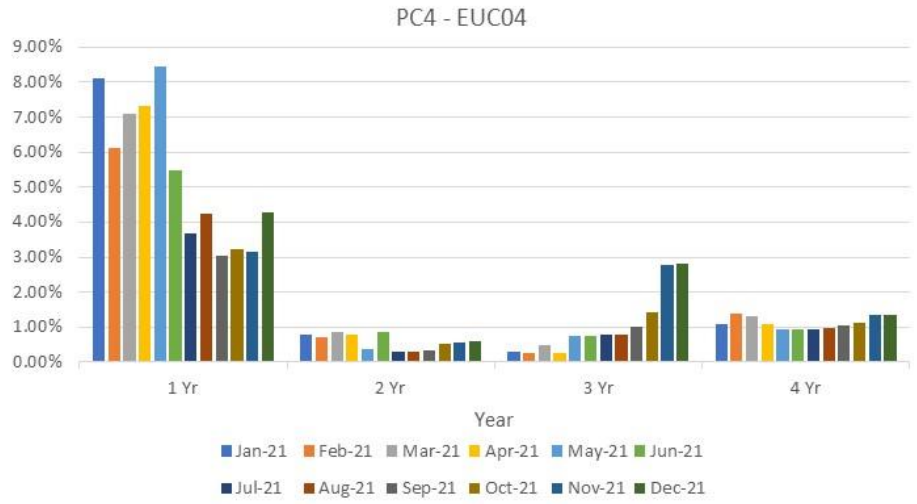
2A.7 No Reads Received for 1, 2, 3 or 4 years – Product Class 4

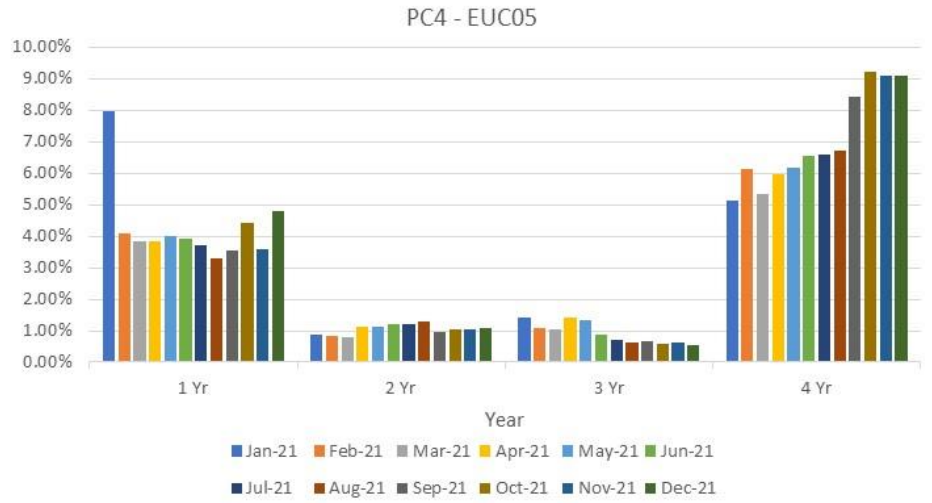


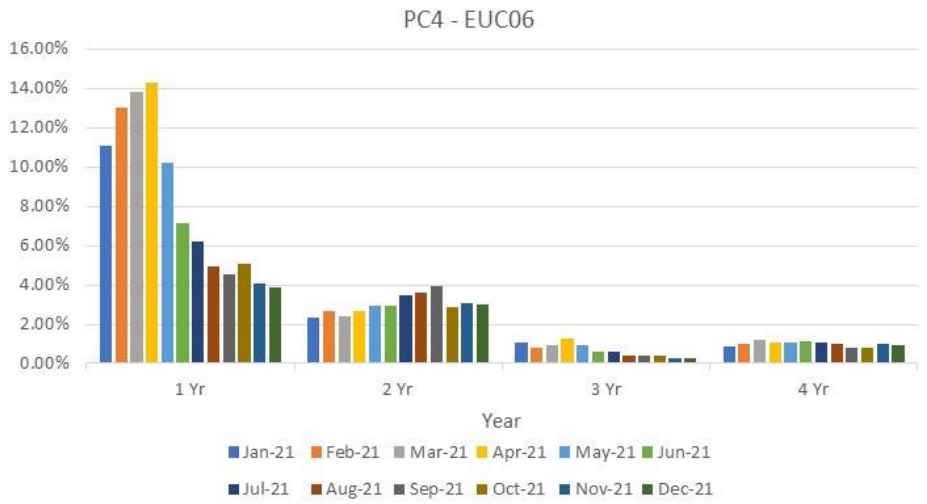




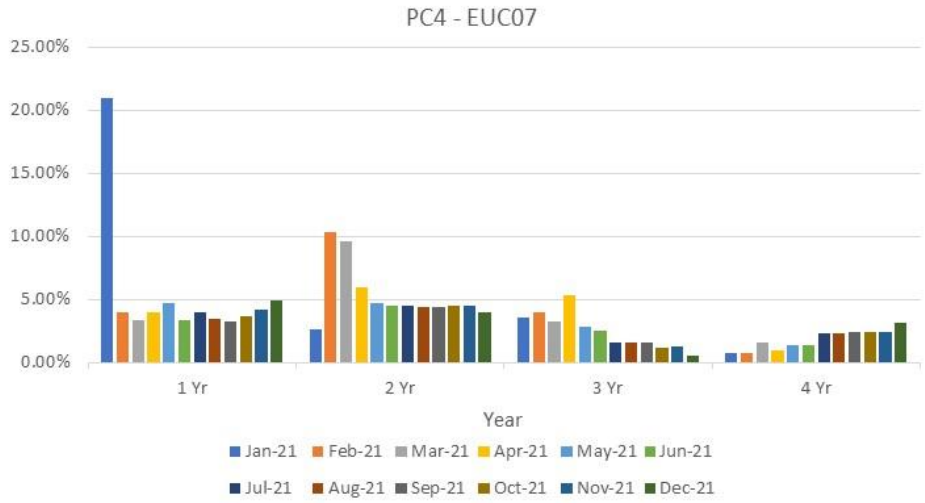
2A.7 No Reads Received for 1, 2, 3 or 4 years – Product Class 4

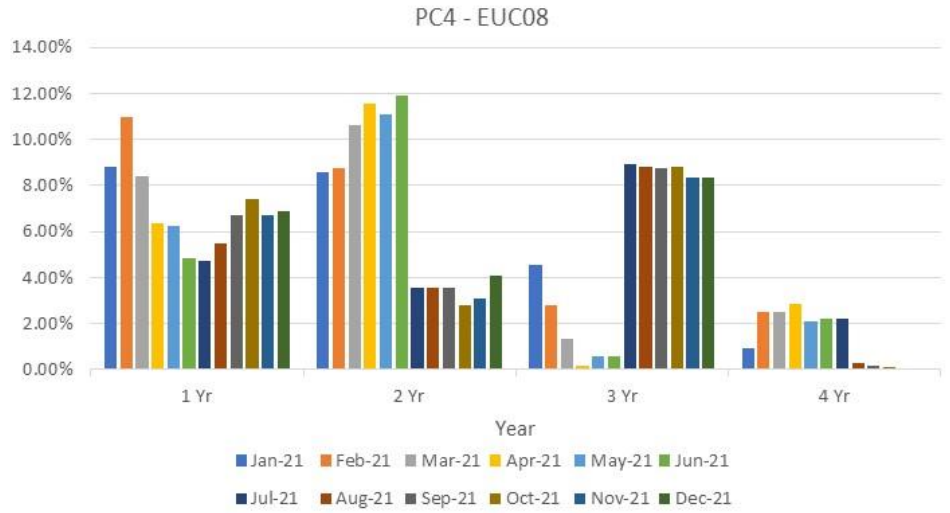


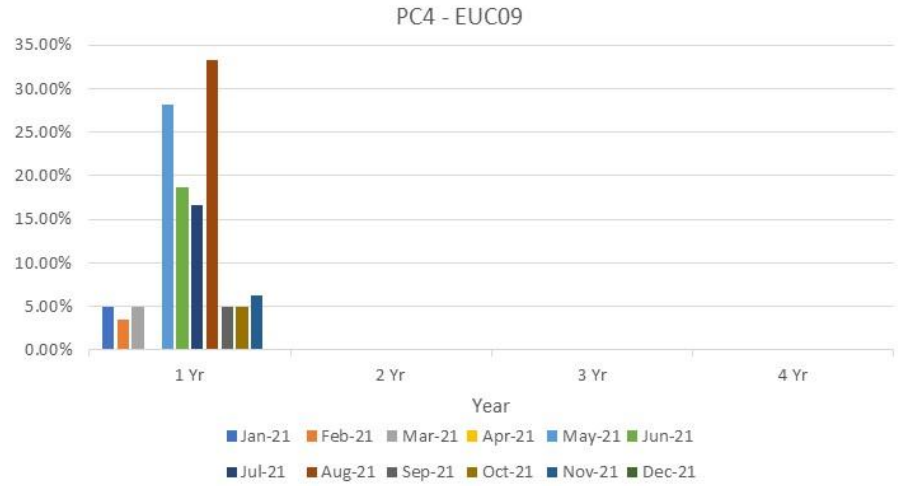




2A.7 No Reads Received for 1, 2, 3 or 4 years – Product Class 4







2A.8 AQ Correction by Reason Code

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

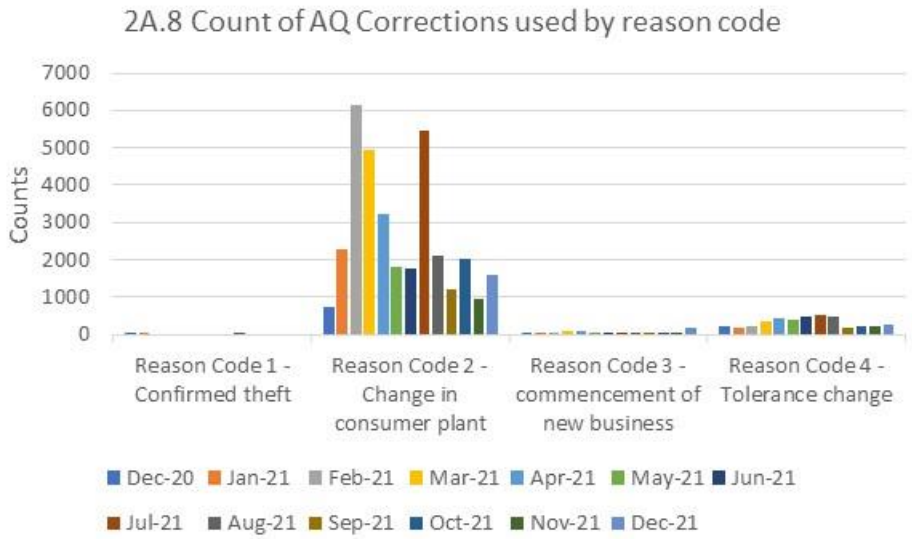
Changes in total number of AQ corrections used

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

Reason Code 02- Change in Consumer Plant
↑ **644** Monthly Change
↑ **859** Annual Change

Reason Code 03- Commencement of New Business
↑ **121** Monthly Change
↑ **105** Annual Change

Reason Code 04- Tolerance Change
↑ **21** Monthly Change
↑ **44** Annual Change



Observations:

- The AQ corrections under "change in consumer plant" have been reducing over recent months but a sharp increase occurred in July 2021 – a result of two Shippers performing increased numbers of AQ Corrections. Since then, AQ corrections have been declining.

- The PAC and 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

↑ **30** Monthly Change
↑ **48** Annual Change

EUC07

No Monthly Change
No Annual Change

EUC05

No Monthly Change
↓ **9** Annual Change

EUC08

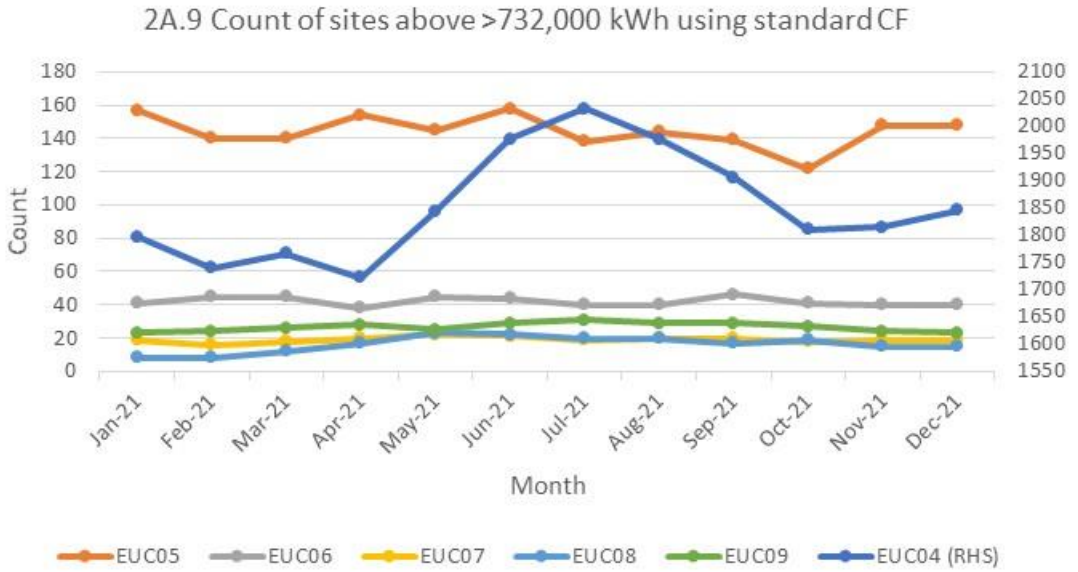
No Monthly Change
↑ **7** Annual Change

EUC06

No Monthly Change
↓ **1** Annual Change

EUC09

↓ **1** Monthly Change
No 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 CAMs 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 Reads

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

EUC01

↑ **74300** Monthly Change
↑ **98431** Annual Change

EUC02

↑ **46** Monthly Change
↓ **36** Annual Change

EUC03

↑ **16** Monthly Change
↓ **84** Annual Change

EUC04

↑ **8** Monthly Change
↓ **6** Annual Change

EUC05

↓ **9** Monthly Change
↓ **5** Annual Change

EUC06

No Monthly Change
↑ **1** Annual Change

EUC07

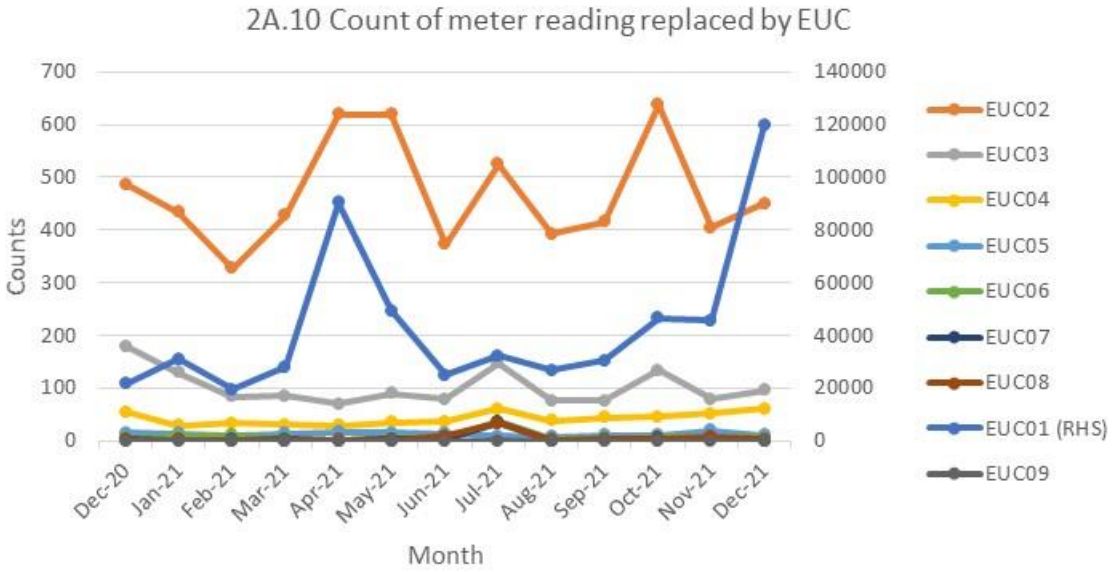
↓ **2** Monthly Change
↓ **3** Annual Change

EUC08

↓ **5** Monthly Change
↓ **1** Annual Change

EUC09

No Monthly or Annual Change

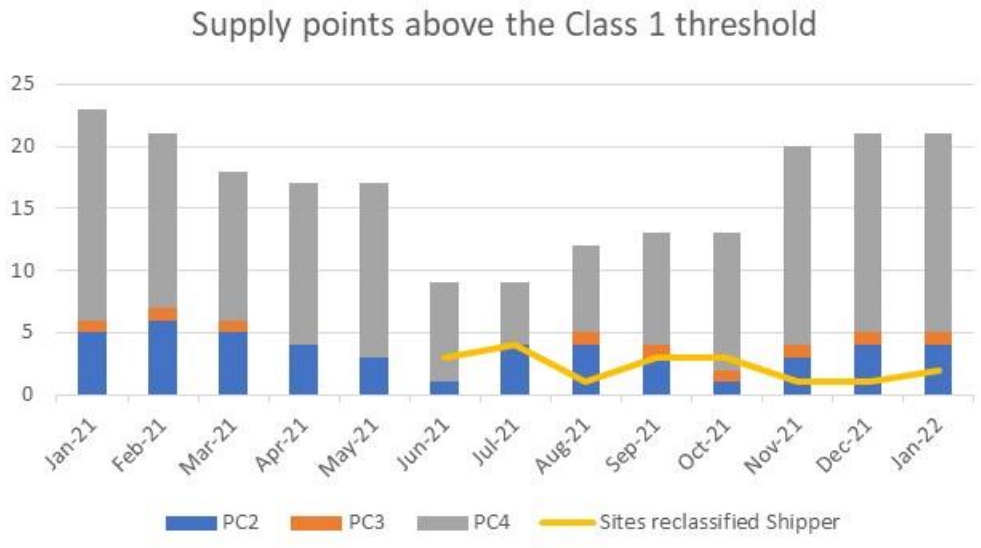


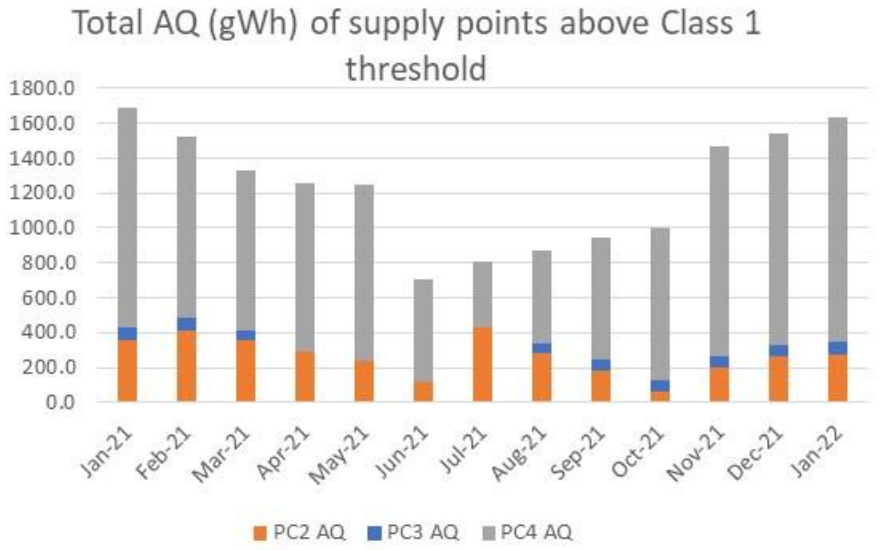
Observations:

- Work with the CAMs has enabled the PAC to identify that in general, the spikes are due to Shipper's cleansing their portfolio.
- The number of replaced meter reads has generally been trending downwards across all EUC bands over the last few months.

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



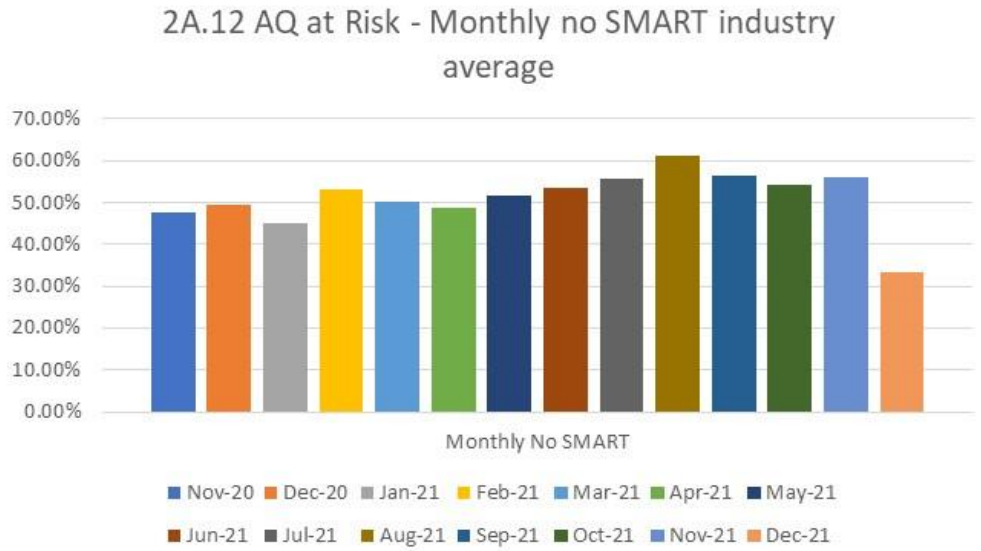


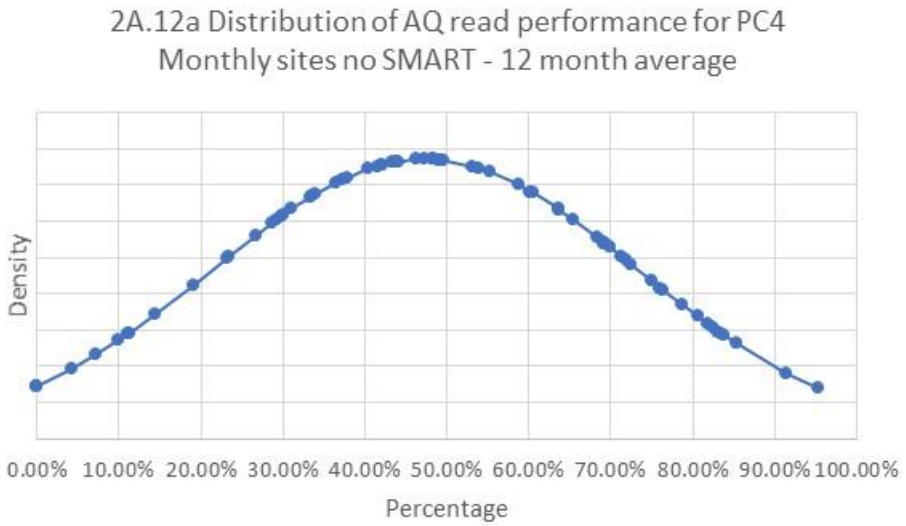
Observations:

- 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.





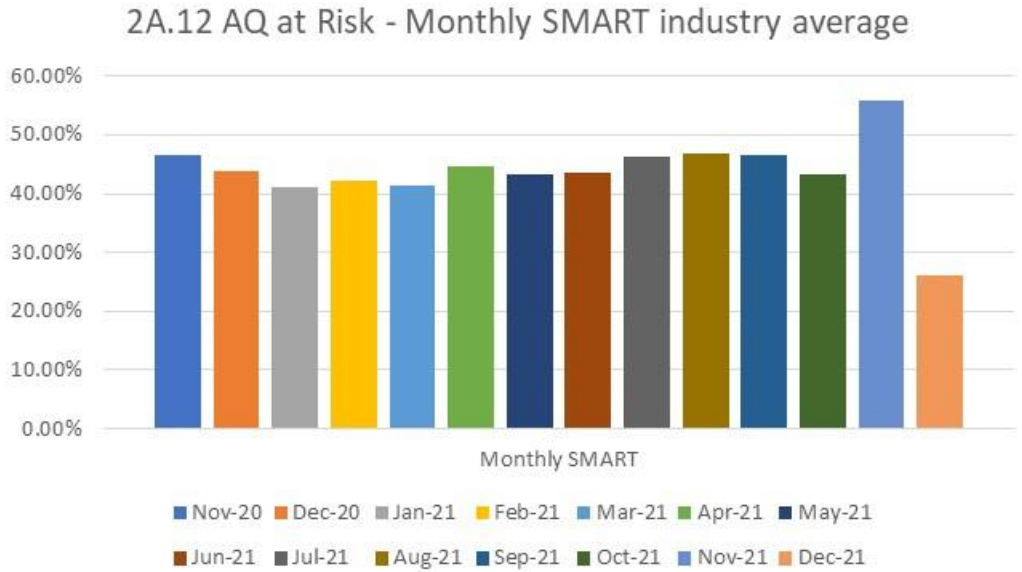
Observations:

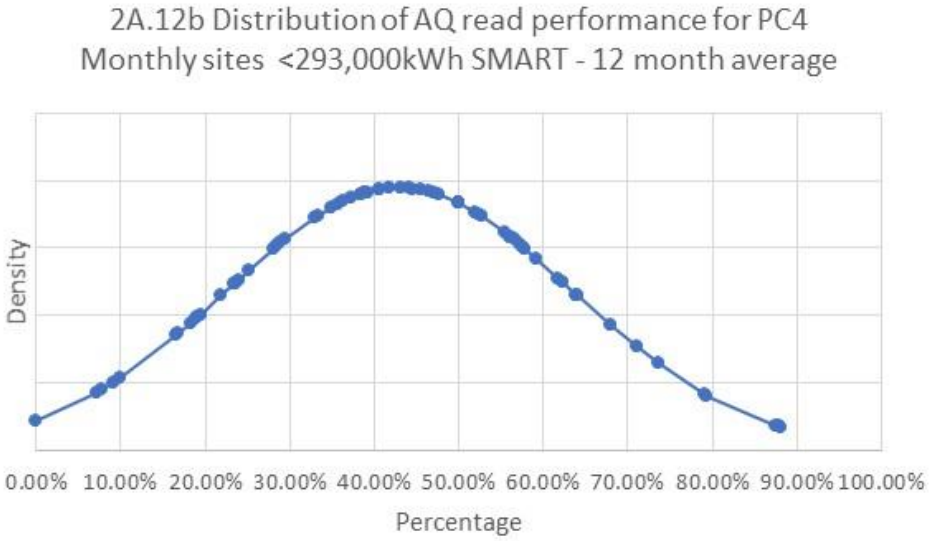
- Industry average remains below target of 90%
  - A number of Shippers are operating below target (based on 12 month average).

- The decline in December performance is due to the correct logic being applied on the AQ Read Performance reports on the Data Discovery Platform (DDP).
  - On average, Shippers within the market have seen c. -23% decline due to logic update.

2A.12b AQ Read performance – PC4 Monthly SMART

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





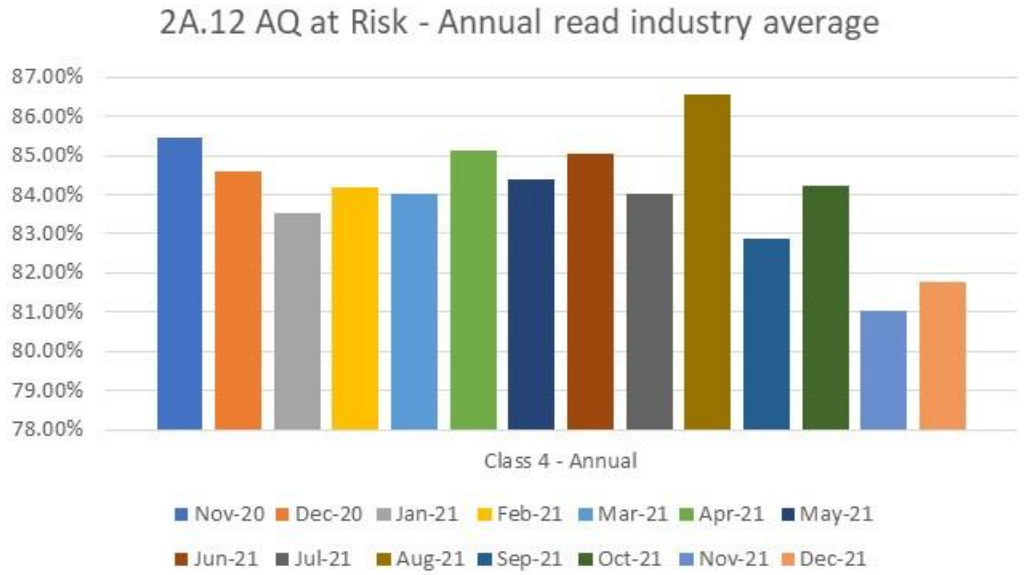
Observations:

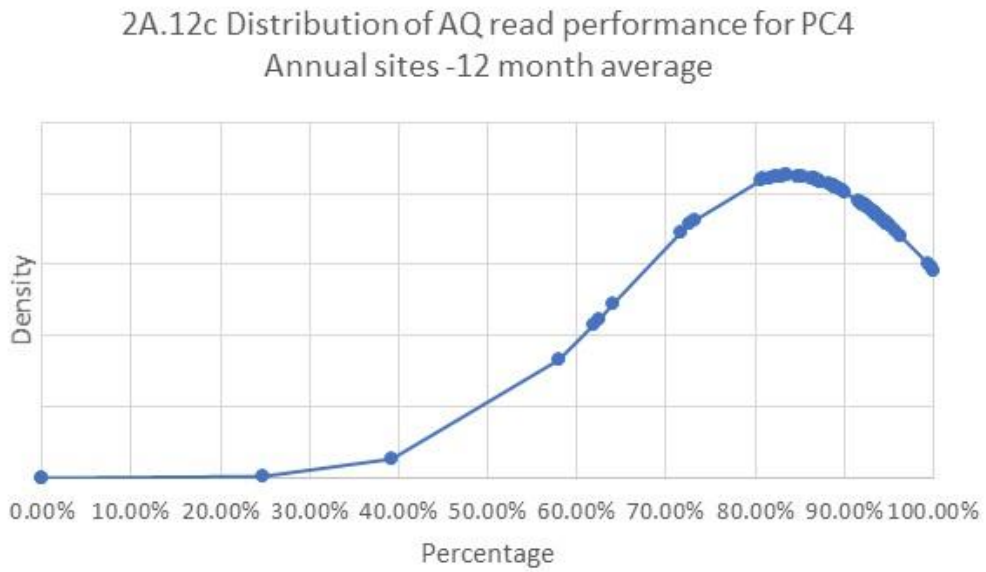
- The decline in December performance is due to the correct logic being applied on the AQ Read Performance reports on the Data Discovery Platform (DDP).
  - On average, Shippers within the market have seen c. -29% decline due to logic update.

- With the correct logic being deployed, the PAFA will work with Shippers on improving their performance in this area.

2A.12c AQ Read performance – PC4 Annual

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





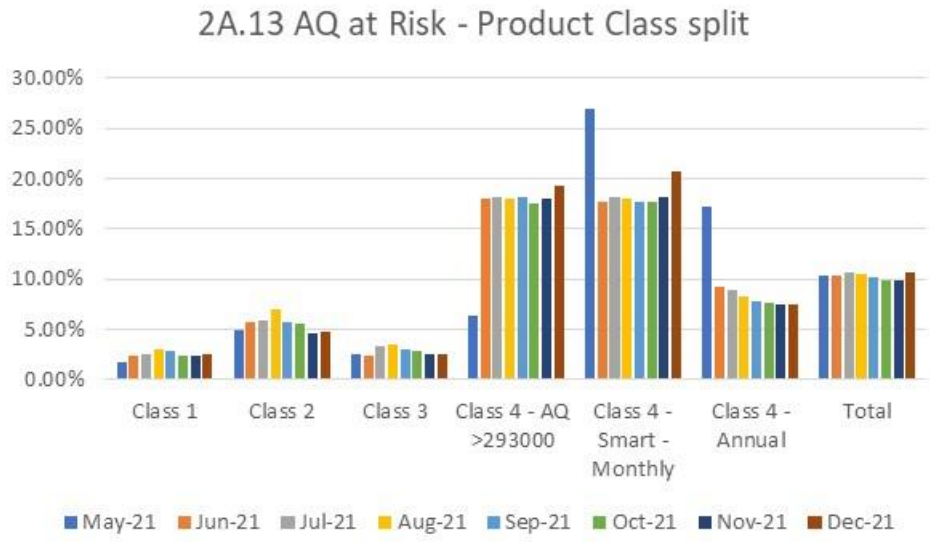
Observations:

- There has been a slight increase in performance following the logic change, though there remains a small number of Shippers with performance at <80%.

- However, there are still a number of Shippers operating below UNC target (90%).

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 the PC4 market.
  - PC4 Monthly SMART has seen an increase this month, driving an increase in the total AQ at risk across all markets.
- 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 November 2021:

Product Class 1

Papeete 7.38%
Philipsburg 12.29%
Canberra 30.40%

Product Class 2

Rome 13.45%
Saipan 19.67%
Tehran 100 %

Product Class 3

Reykjavik 35.54%
Berlin 100%
Oranjestad 100%

Product Class 4 – AQ>293000

Gaborone 94.51%
Berlin 100%
Maputo 100%

Product Class 4 – Monthly SMART

Ashgabat 100%
Luxembourg 100%
Bishek 100%

Product Class 4 - Annual

Sarajevo 65.65%
Maputo 75.76%
Bamako 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

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