# PARR Dashboards





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

Report measures the percentage of each shippers portfolio where estimated reads were provided. Count of each shippers portfolio where check reads were not provided

### PC1

#### **Industry movement:**

↑ 0.13% - Monthly change ↓ 5.80% - Annual change

#### Monthly changes:

↑ 1.47% Papeete
 ↑ 4.10% Thimphu
 ↑ 53.13% Nassau
 ↓ 3.69% Reykjavik
 ↓ 9.68% Ankara
 ↓ 38.71% Mogadishu

### PC2

#### **Industry movement:**

↓ 1.21% Monthly change↓ 14.41% Annual change

#### Monthly changes:

↑ 6.50% Thimphu ↓ 13.10% Athens ↑ 31.96% Luanda ↓ 22.58% Manama ↑ 48.39% Tehran ↓ 58.01% Reykjavik

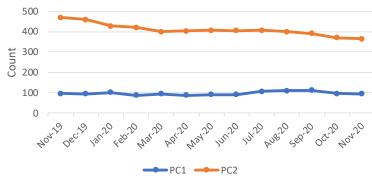
#### 2A.1 Percentage of Estimated Reads for PC1 & PC2



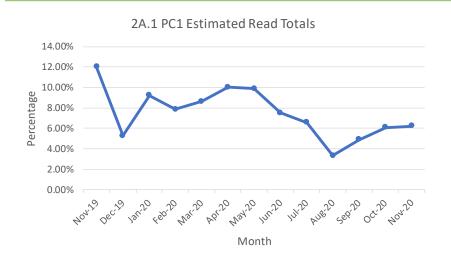
#### **Observations:**

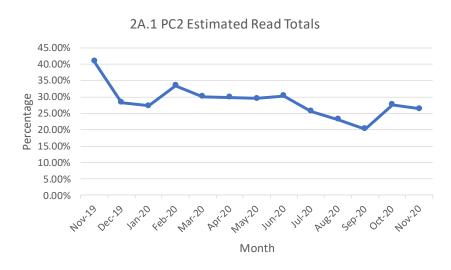
- Estimated reads have declined over recent months for both PC1 and PC2, though there is a slight increase in estimated reads for both markets in recent months.
- The number of uncompleted check reads has stabilised for both PC1 and PC2, though there has been a slight rise for those Shippers in PC1.

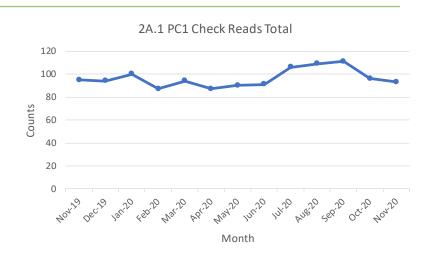
# 2A.1 Count of Check Reads not completed for PC1 and PC2

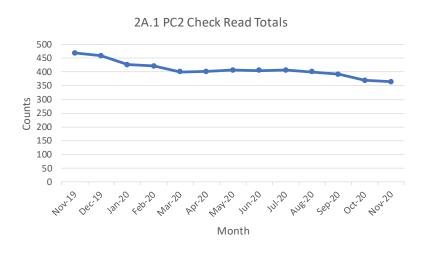


### 2A.1 Estimated & Check Reads - Product Classes 1 & 2



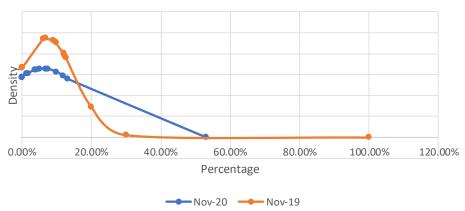






### 2A.1 Estimated & Check Reads - Product Classes 1 & 2

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



2A.1- 12 month comparison (Average of PC2 Estimated Reads)



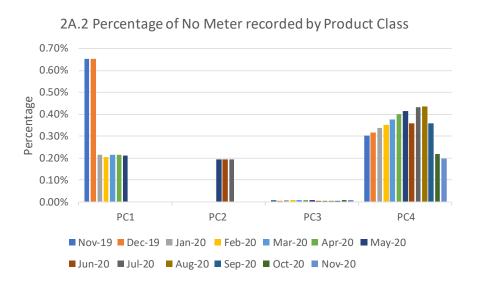
### 2A.2 – No Meter Recorded

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

PC1	PC2
0% for all shippers	0% for all shippers

PC3	PC4
Highest shippers:	Highest shipp

Nuuk 0.04% Bishek 0.04% Praia 0.34% Lisbon 0.96% Highest shippers: Roseau 1.09% Bratislava 1.40% Belmopan 5.02%



- The % of no meter recorded has seen a steady increase since September 2019 in PC4.
- 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

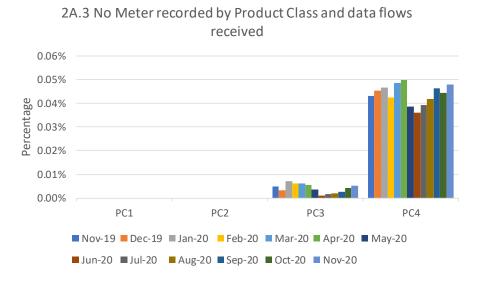
### PC1 & PC2

0% for both product classes

PC3 PC4

Highest shippers:
Nuuk 0.04%

Highest shippers: Kinshasa 0.30% Belmopan 0.56% Roseau 0.85%



### **2A.4- Shipper Transfer Read Performance**

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

#### **Industry movement:**

**↓** 8.35% Monthly change

↓ 4.50% Annual change

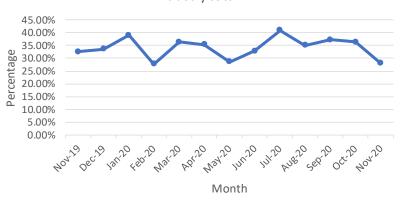
#### **Observations:**

The number of transfer reads being submitted within the relevant window are still well below the requirements of the UNC

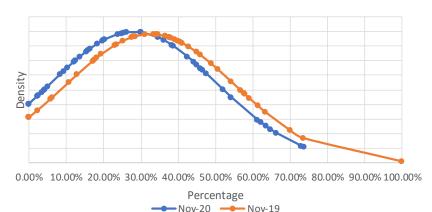
#### **Recommendations:**

- Continued industry education on obligation to provide opening meter readings following confirmation
- Continue to ask CAMs to maintain focus on this area when speaking to Shippers
- PAC will continue to monitor but will be considering focused Shipper targeting in the coming months

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



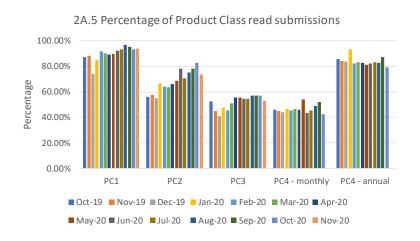
2A.4- 12 Month Comparison of Shipper Transfer Read
Performance

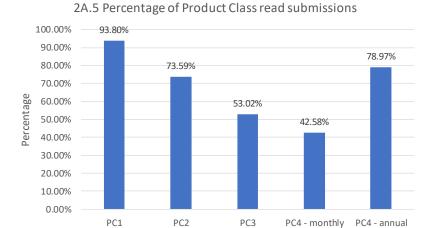


### 2A.5- Read Performance

Report measures the percentage of Shipper portfolio submitting reads in September 2020

PC4 Monthly and Annually read measures the percentage of Shipper portfolio submitting reads in August 2020





### **Poorest performing Shippers:**

46.68% Nassau 86.81% Thimphu 88.20% Philipsburg PC2 0.00% Praia 0.00% Tehran 64.06% Washington

PC1

PC3
0% Khartoum
0% Tripoli
0% Monaco
0% Luxembourg
0% Washington

0% Castries

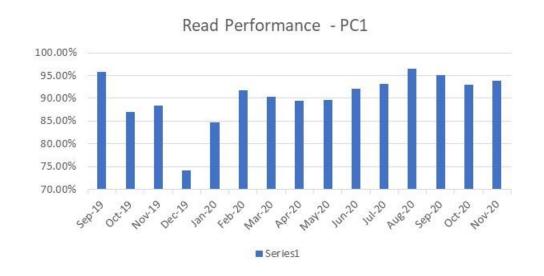
PC4 (Monthly)
0% Bern
0% Bratislava
0% Khartoum
0% Monaco
0% Malabo
0% Bishek

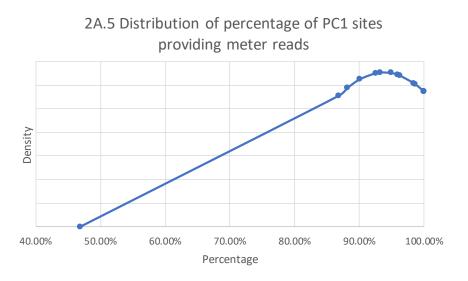
0% Doha

0% Maputo

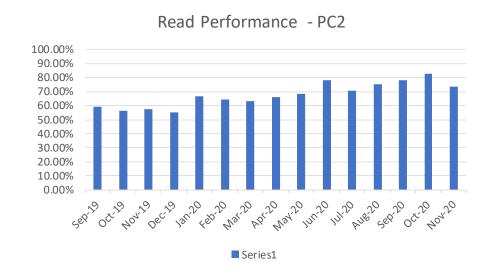
PC4 (Annual) 0% Warsaw 1.32% Bratislava 28.57% Belmopan

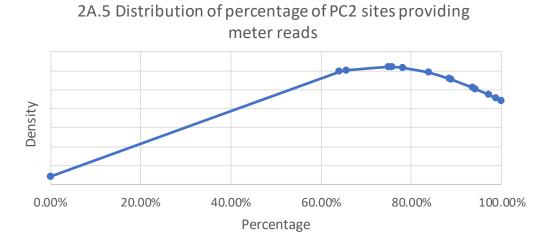
# 2A.5- Read Performance (PC1)



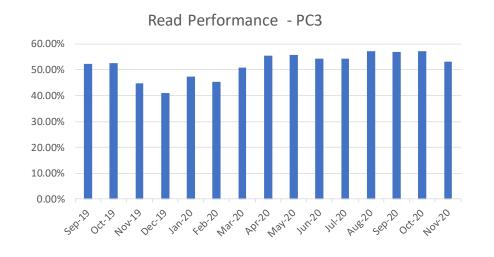


### 2A.5- Read Performance (PC2)

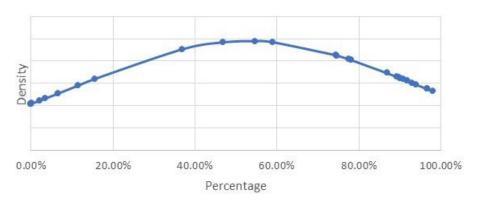




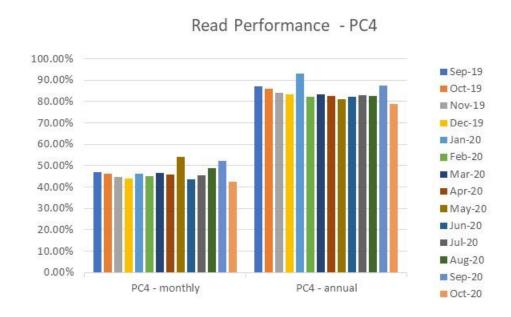
# 2A.5- Read Performance (PC3)



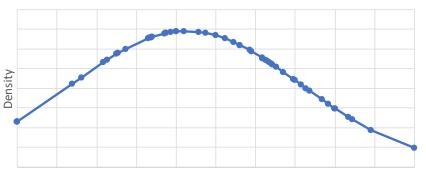
2A.5 Distribution of percentage of PC3 sites providing meter reads



### 2A.5- Read Performance (PC4)



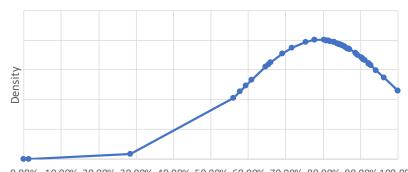
### 2A.5 Distribution of read performance for PC4 Monthly sites - October 2020



0.00% 10.00% 20.00% 30.00% 40.00% 50.00% 60.00% 70.00% 80.00% 90.00% 100.00%

Percentage

### 2A.5 Distribution of percentage of PC4 Annual sites providing meter reads

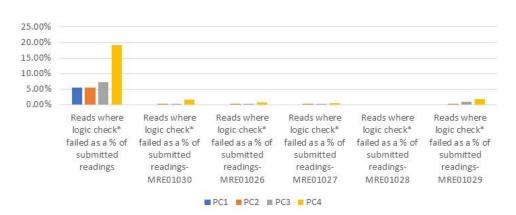


0.00% 10.00% 20.00% 30.00% 40.00% 50.00% 60.00% 70.00% 80.00% 90.00% 100.00% Percentage

# **2A.6** Meter Read Validity Monitoring

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

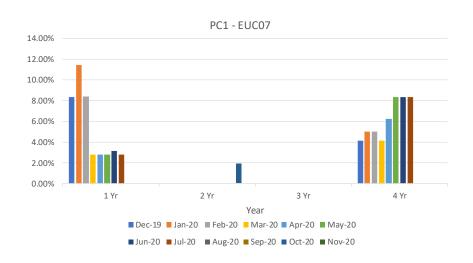
2A.6 Percentage of meter read validity by Product Class - November 2020

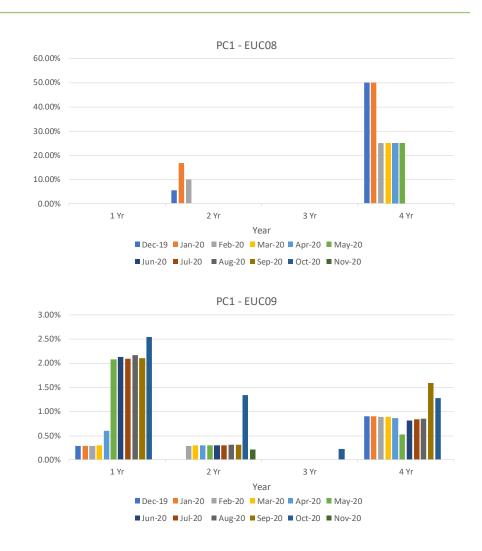


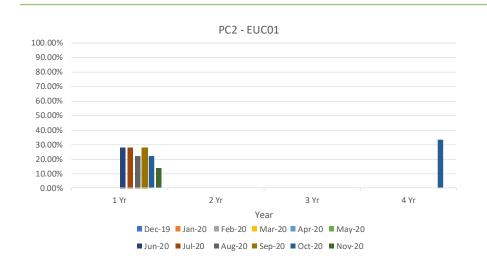
Product Class	Reads where logic check failed as a % of submitted readings	MRE01030	MRE01026	MRE01027	MRE0102 8	MRE0102 9
1	Nassau – 13.91%					
2	Manama - 36.00%	Thimphu – 3.31%	Papeete – 0.65%	Rome - 1.06%		Reykjavik – 1.07%
3	Manama – 50.24%	Marigot – 3.57%	Islamabad – 1.47%	Roseau– 2.92%		Saipan – 5.60%
4	Willemstad – 83.79%	Warsaw – 50%	Kinshasa – 3.72%	Philipsburg – 2.49%		Helsinki – 17.67%

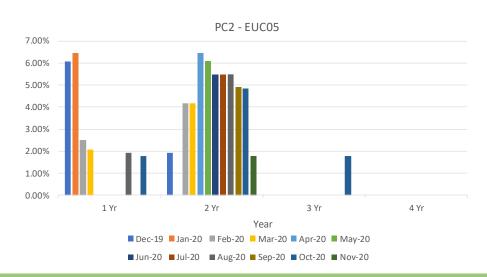
Report measures the percentage of Shipper portfolio in the specified AQ band without a meter reading for the specified period

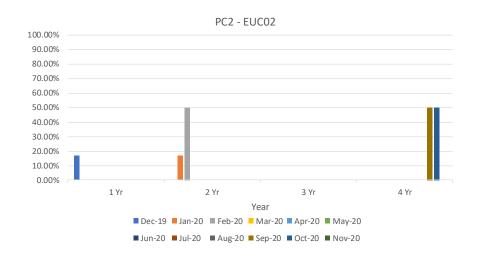
EUC01 – EUC06 have no meters which have not been unread for a period less than one year in recent months

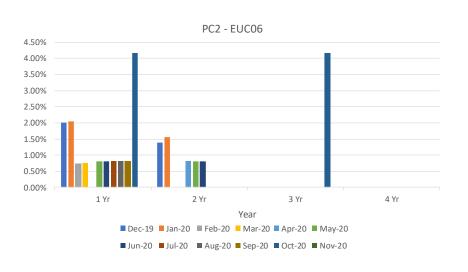


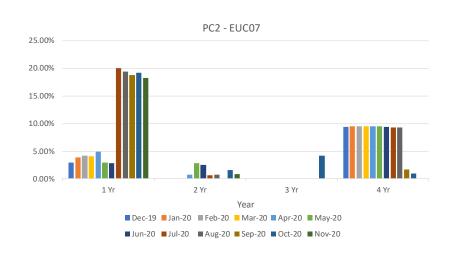


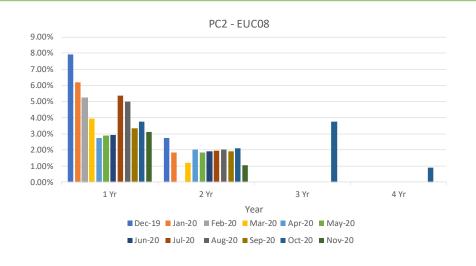


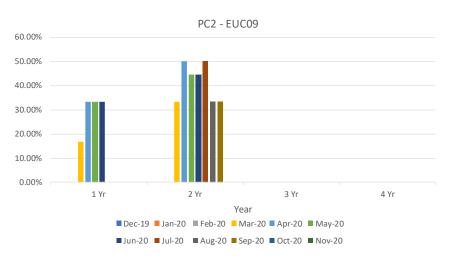


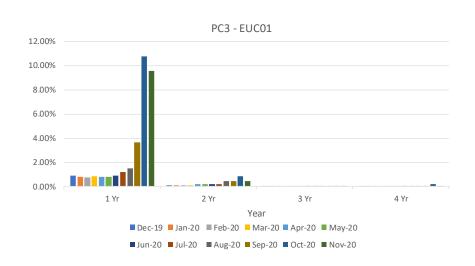


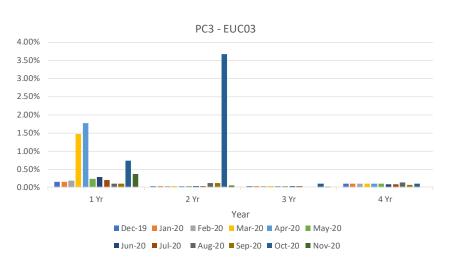


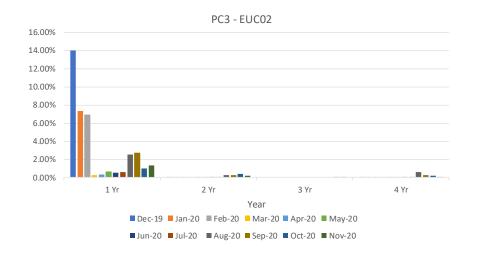


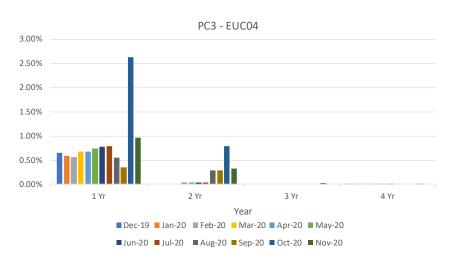


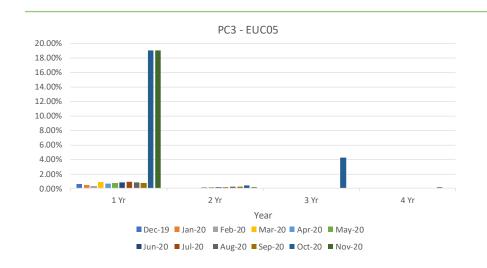


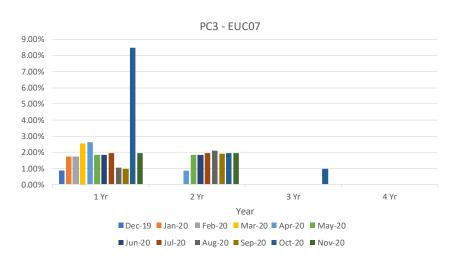


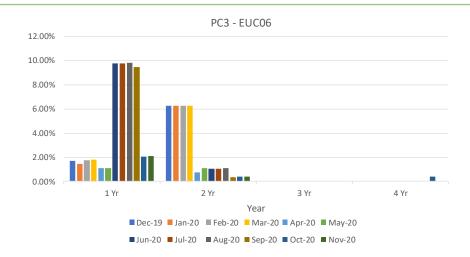


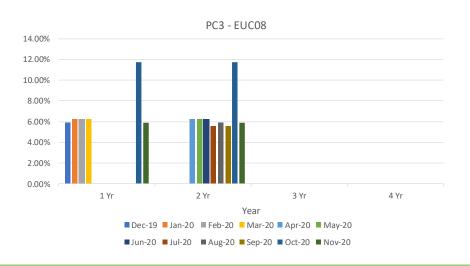


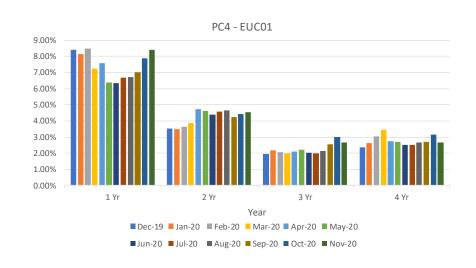


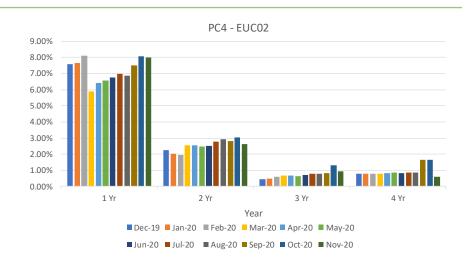


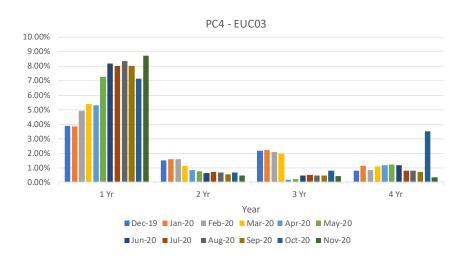


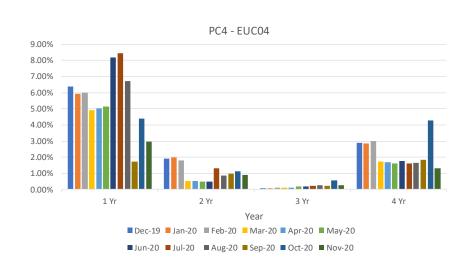


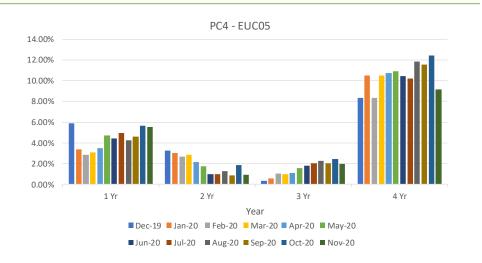


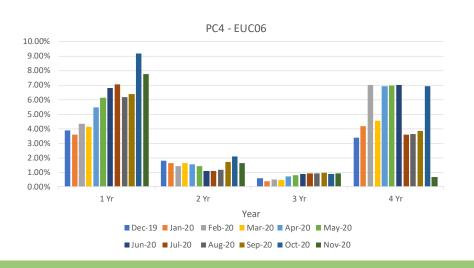


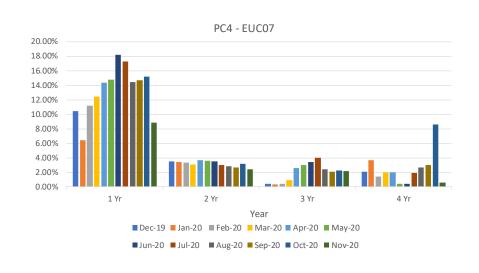


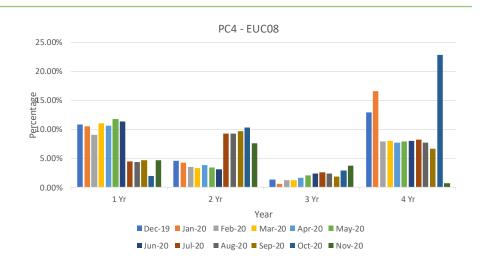


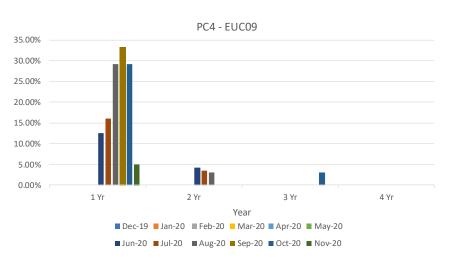












### 2A.8 AQ Correction by Reason Code

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

- $\downarrow$  **1** Monthly Change
- ↓ 1 Annual Change

Reason Code 03- Commencement of New Business

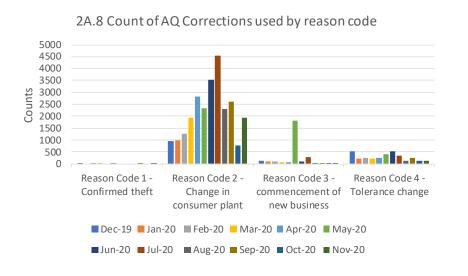
- ↑ 26 Monthly Change
- ↓ 75 Annual Change

Reason Code 02- Change in Consumer Plant

- ↓ 427 Monthly Change
- ↑ **565** Annual Change

Reason Code 04-Tolerance Change

- ↑ 60 Monthly Change
- $\downarrow$  **346** Annual Change



- The AQ corrections under "change in consumer plant" have reduced from the spike in June 2020.
- PAFA have referred this to the CAMs for investigation as the activity is focused on a smaller number of Shippers rather than across the industry
- PAC will continue to closely monitor this area

### 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

- ↑ 232 Monthly Change ↓ 384 Annual Change
  - EUC05
- ↑ 4 Monthly Change ↓ 53 Annual Change
  - EUC06
- ↑ 5 Monthly Change ↓ 6 Annual Change

### EUC07

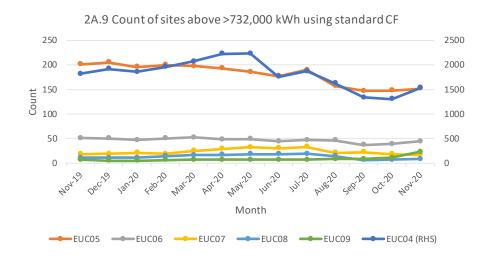
- $\downarrow$  **1** Monthly Change
- $\downarrow$  **2** Annual Change

### EUC08

- 1 Monthly Change
- $\downarrow$  **3** Annual Change

#### EUC09

↑ 12 Monthly Change ↑ 18 Annual Change



- 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

- ↓ 8939 Monthly Change
- ↓ 61043 Annual Change

#### EUC02

- ↑ 294 Monthly Change
- ↓ 67 Annual Change

### EUC03

- ↑ 22 Monthly Change
- **↓ 15** Annual Change

### EUC04

- $\downarrow$  **13** Monthly Change
- $\downarrow$  **51** Annual Change

#### EUC05

- ↑ 10 Monthly Change
- **↓ 16** Annual Change

### EUC06

- ↓ 1 Monthly Change
- **↓ 3** Annual Change

### EUC07

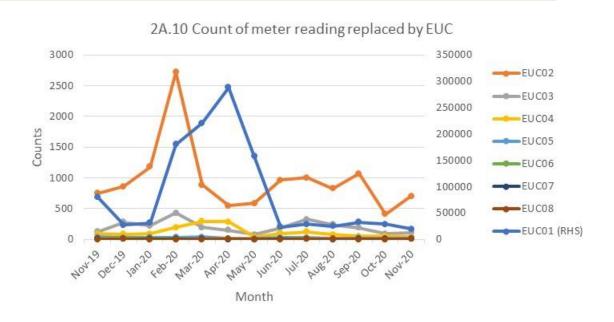
- ↓ 2 Monthly Change
- ↓ 3 Annual Change

### EUC08

- ↑ 2 Monthly Change
- ↑ 2 Annual Change

#### EUC09

No data recorded



- 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.

# **Appendix – PARR report details**

		Need to count everyday portfolio and count mprn where read has been estimated					
1	adjustments for Product Classes 1 & 2	and no actual present on the same day.  Check Read: For check reads we would need to check, as of reporting day how many class 1 & 2 MPRNs are present with DRE/AMR.  For those MPRNs we have site visit read <=14 months and no subsequent site visit read. Those are outstanding ones per shipper.	Class	Annual	Percentage	September	M-2
1			Class	Alliuai	Percentage		
2.	2A - No Meter Recorded in the Supply Point Register	AQ Band wise , AQ band based on report run day . Class wise different table And AQ Band. Exclude NTS connected Sites & Telemeterd. Exiting SHPK - Topic - Confirmed No Asset Report	Class	Annual	Count & B - Percentage	Nov	м
		Same as above but additionally need to check if for above MPRNs any Data Flow Means -> Asset Update , C & D Store & Reads received in that month					
3			Class	Annual	Count & B - Percentage	Additional MPRNs	
2.	2A - Shinner Transfer Read Performance	M-2 is considered – Open OPNT_REQ_FOLL_CON OPNT_RECEIVED_10					
4			Class	Annual	Percentage	September	M-2
R	Read Performance	As per frequency we need to check if we hav e received the read e.g. month read site will check if we have received the read in month .Class and shipper transfer are excluded .6 Monthly read site need to consider yearly ,It is not in UNC. It will be like MUR logic M-2 , exclude sites where class changes happened in M-2 , shipper changes			Percentage	September	M-2

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# **Appendix – PARR report details**

Sr No 🔻	Topic	Details	Split By	12 Rolling Months	Format	e.g. For Nov Report	Condition	Comments
6	2A - Meter Read Validity Monitoring	MRE01026 :Reading breached the lower Outer tolerance. MRE01027 :Reading breached the Upper Outer tolerance. MRE01028 :Reading breached the lower Inner tolerance value and no override flag provided. MRE01029 :Reading breached the upper Inner tolerance value and no override flag provided. MRE01030 :Override tolerance passed and override flag provided  We can build this from DUK_ARSR , by checking failed reads . DUK_READ = We can get how many successfull reads received based on Status = U . Failed once are with status = F	Reason Codes	;	Percentage	October	M-1	
7	No reads received for 1,2,3 or 4 years ( excludeds estimated	Per class table , per AQ Band ,Need to ignore estimates for all classed Logic is similar to existing SHPK Logic - NO_READ_2Y_3Y_B73200 Here we would need to create 4 counts No reads received for 1 , 2 , 3 , 4 years sepeartely as per layout	AQ Band	Annual	Percentage	Nov	M	
8	2A - AQ Corrections	AQ correction by reason code : Switch Type = 50 , Switch View = 50 , Switch status = LI Reason code per table , Reason code is new field added in ISU BW - DS OUC_SWITDOC Switch Document new field added in DS - ZZ_AQ_REASON	AQ Band	Annual	count	October	M-1	
g	2A - Standard Correction Factors for sites with AQ > 732, MWH	Standard correction factor by AQ Band Count or meter points where replacement reads received by AQ Band 1.00 prints or class	AQ Band	Annual		Nov	м	Report should only include AQs above 732000. Currently including >=732000
10	2A - Replaced Meter Reads	3& 4 ,  Replaced meter reads are identified with DUK_READ where read reason = R , Upload Status = U , we would need to add AQ Band either in  DUK_READ or consider while processing	AQ Band	Annual		October	M-1	

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