

PARR Dashboards

09 July 2019

PAFA



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 provided

PC1

Industry movement:

- ↓ 3.93% - Monthly change
- ↓ 10.75% - Annual change

Monthly changes:

- ↑ 3.62% Rome
- ↑ 2.95% Phillipsburg
- ↑ 2.87% Warsaw
- ↓ 0.97% Gitega
- ↓ 0.60% Reykjavik
- ↓ 0.38% Ramallah

PC2

Industry movement:

- ↑ 4.71% Monthly change
- ↓ 7.90% Annual change

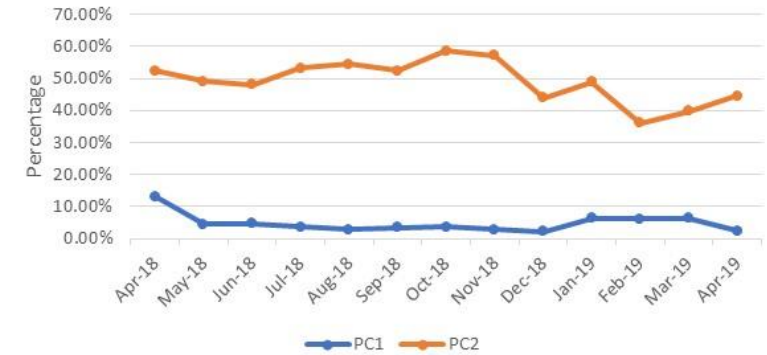
Monthly changes:

- ↑ 64.09% Ramallah
- ↑ 31.12% Praia
- ↑ 14.44% Brazzaville
- ↓ 22.35% Saipan
- ↓ 20.18% Washington
- ↓ 9.88% Tehran

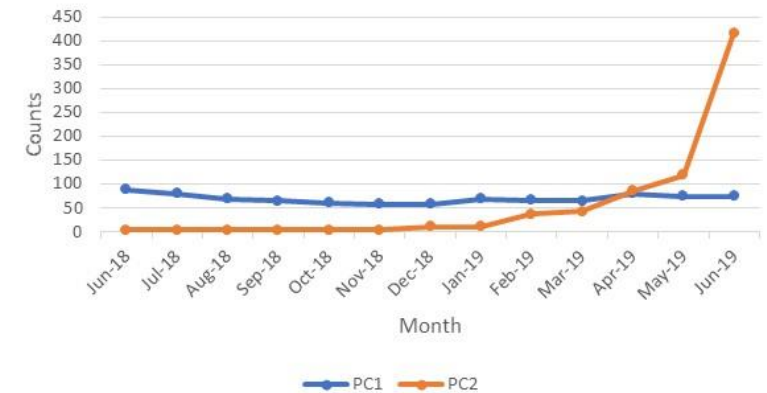
Observations:

- Average estimated reads for PC1 is in line with UNC requirements, with a few shippers performing below the industry average
- Estimated reads for PC2 has seen a significant decrease since November 2018 but remains well above UNC requirements.
- The number of check reads for PC2 has significantly increased in May and June 2019.

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



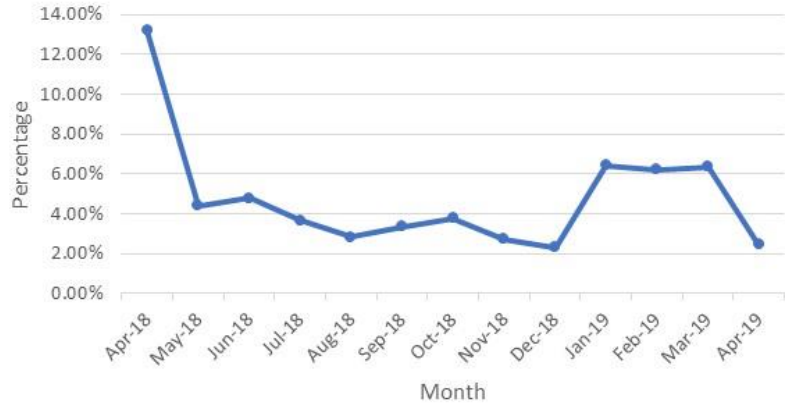
2A.1 Count of Check Reads Completed for PC1 and PC2



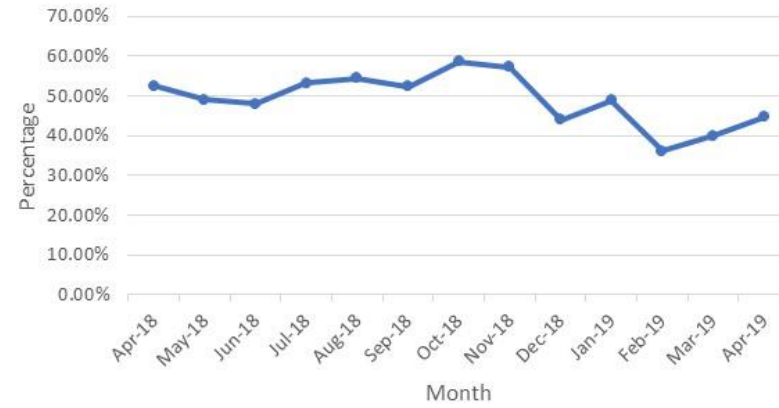
2A.1 Estimated & Check Reads - Product Classes 1 & 2



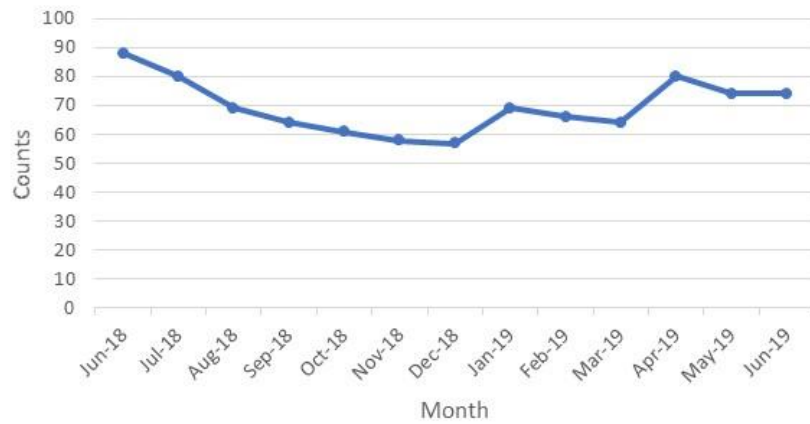
2A.1 PC1 Estimated Read Totals



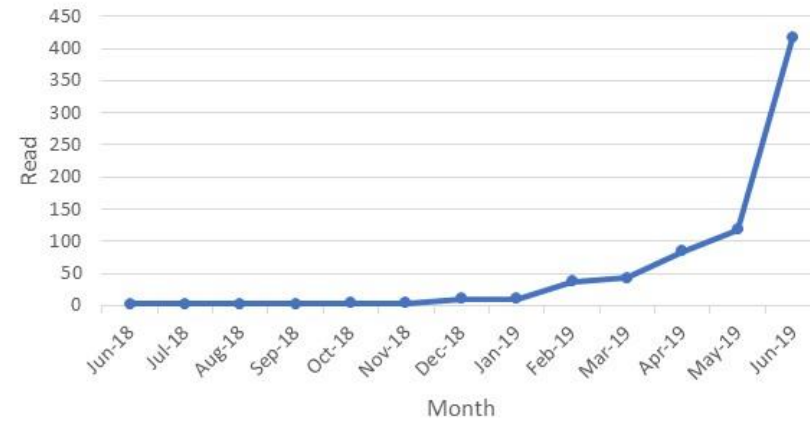
2A.1 PC2 Estimated Read Totals



2A.1 PC1 Check Reads Total



2A.1 PC2 Check Read Totals



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 both product classes

PC3

PC4

Industry movement:

↓ 0.03% Monthly Change
↑ 0.01 % Annual Change

Industry movement:

No Monthly Change
No Annual change

Highest shippers:

Praia 0.12%
Gitega 0.05%
Bishkek 0.04%

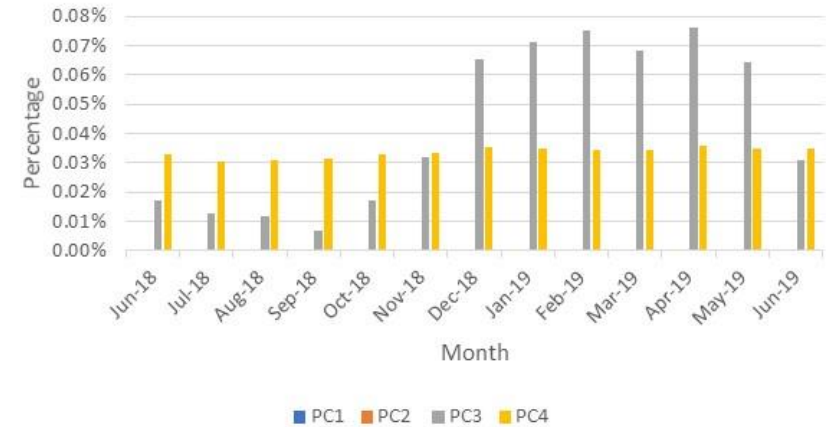
Highest shippers:

Monrovia 1.27%
Saipan 0.38%
Thimphu 0.36%

Observations:

- Percentage of no meter recorded remains relatively low

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

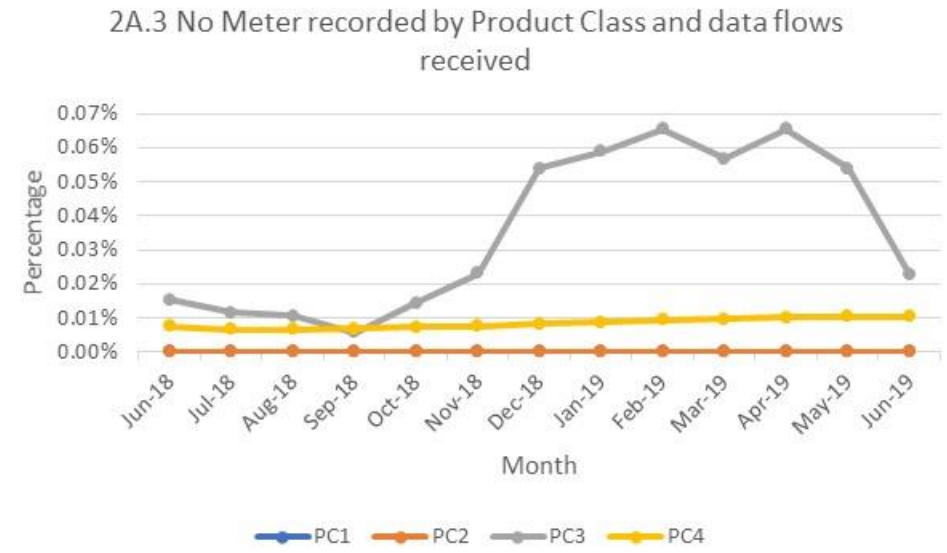


2A.3 No Meter Recorded and data flows received



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

PC1 & PC2	
0.0% for both product classes	
PC3	PC4
Industry movement:	Industry movement:
↓ 0.03% Monthly Change	No Monthly Change
No Annual Change	No Annual change
Highest shippers:	Highest shippers:
Praia 0.12%	Monrovia 0.14%
Gitega 0.05%	Thimphu 0.12%
Papeete 0.02%	Praia 0.11%
Observations:	
- PC3: Upward trend in no meter recorded since September 2018 but the industry has seen a significant decrease in June	
- PC4: Industry trend has remained stable over the last 12 months at 0.01%.	



2A.4- Shipper Transfer Read Performance



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

Industry movement:

- ↓ 1.34% Monthly change
- ↓ 2.52% 6-month change

Monthly changes:

- ↑ 20.67% Islamabad
- ↑ 18.55% Bern
- ↑ 17.53% Thimphu
- ↓ 29.01% Monrovia
- ↓ 25.25% Reykjavik
- ↓ 24.71% Paramaribo

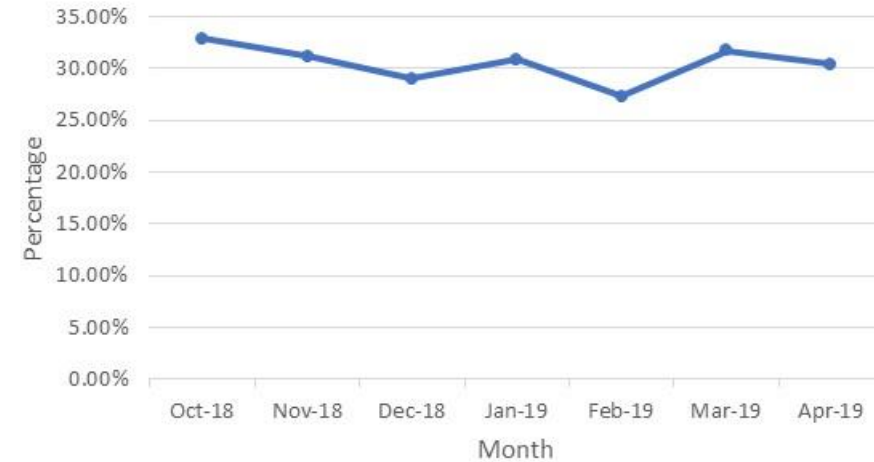
Observations:

- Transfer read performance remains low and is significantly below the UNC obligation
- Average transfer read performance between October 2018 and April 2019 is 30.51%

Recommendations:

- Industry education on obligation to provide opening meter readings following confirmation.
- Industry engagement on the difficulties providing opening meter reading following confirmation.

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

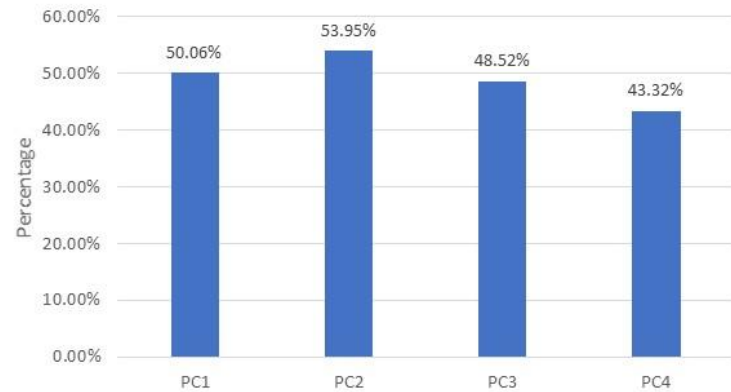


2A.5- Read Performance



Report measures the percentage of Shipper portfolio submitting reads in April 2019

2A.5 Percentage of Product Class read submissions



PC1

- 0% Riyadh
- 0% Ankara
- 0% Bamako
- 0% Jakarta
- 0% Roseau

PC2

- 0% Warsaw
- 13.33% Ramallah
- 13.67% Phillipsburg

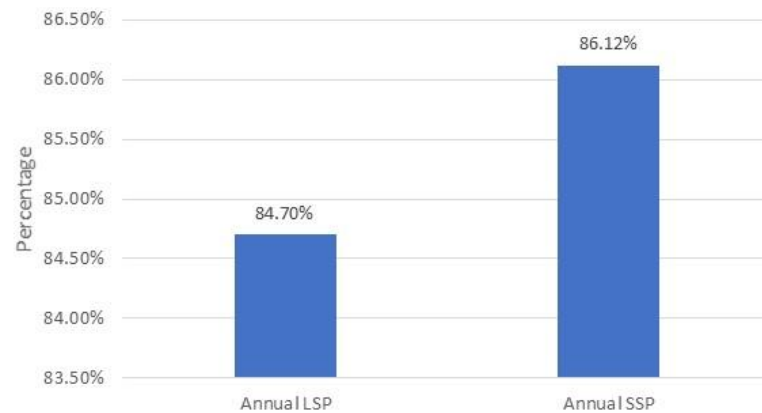
PC3

- 0% Marigot
- 0% Djibouti
- 0% Reykjavik
- 0% Warsaw
- 0% Berlin
- 0% Bishkek

PC4

- 0% Bern
- 0% Suva
- 0% Tripoli
- 0% Gaborone
- 0% Baghdad
- 0% Paramaribo

2A.5 Percentage of LSP/SSP read submission



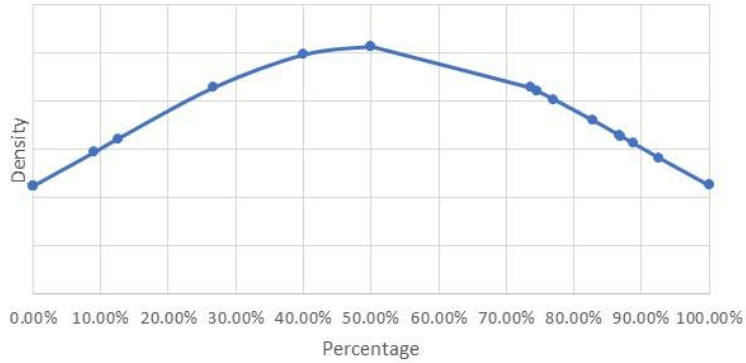
Observations:

- PC2 and PC3 incorporates the values from the new reports
- Although read performance is higher, it is still lower than the UNC obligation for all product classes

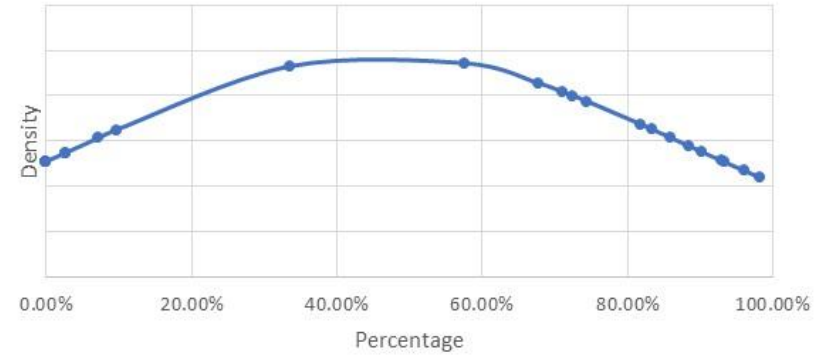
2A.5- Read Performance



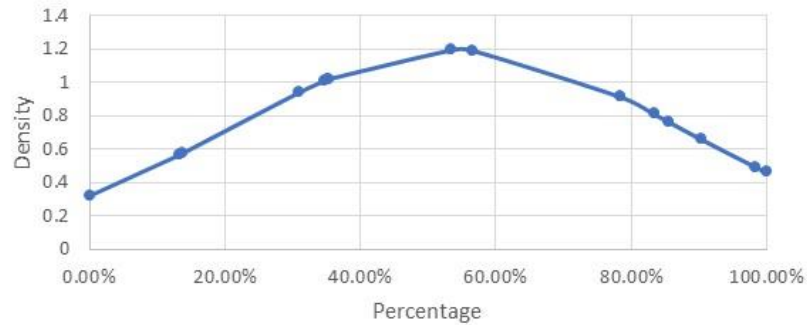
2A.5 Distribution of percentage of PC1 sites providing meter reads



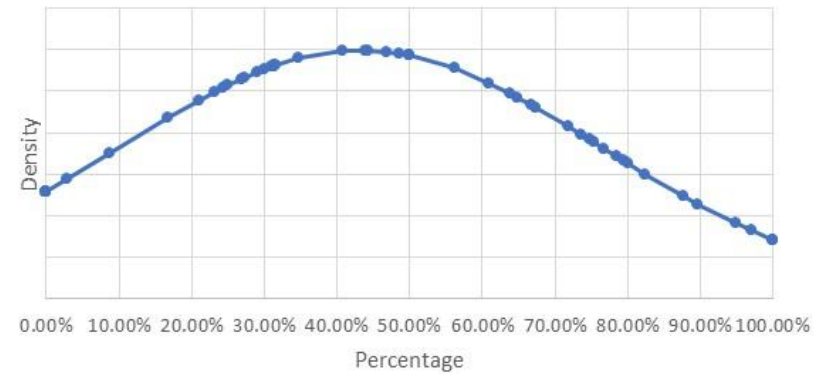
2A.5 Distribution of percentage of PC3 sites providing meter reads



2A.5 Distribution of percentage of PC2 sites providing meter reads



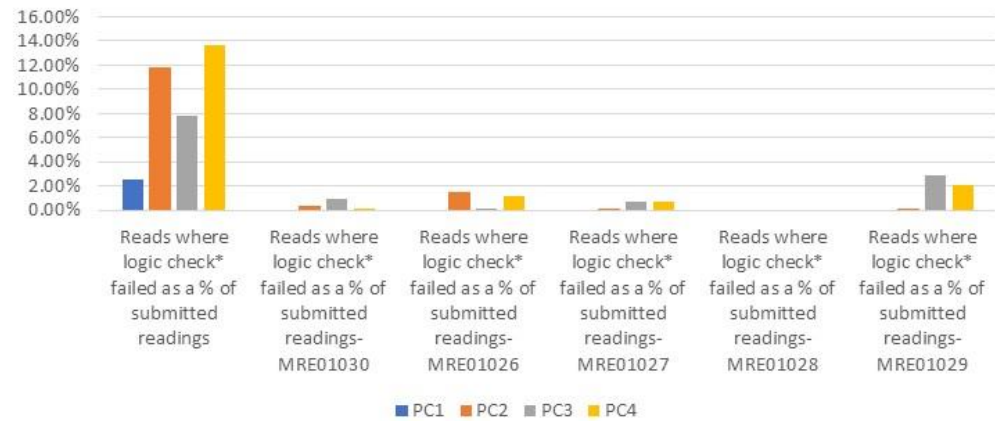
2A.5 Distribution of percentage of PC4 sites providing meter reads



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 - May 2019



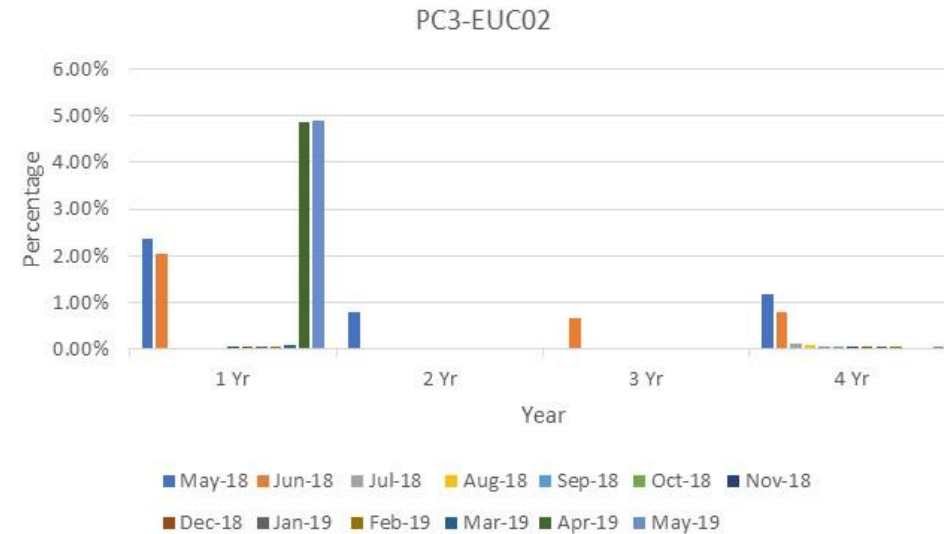
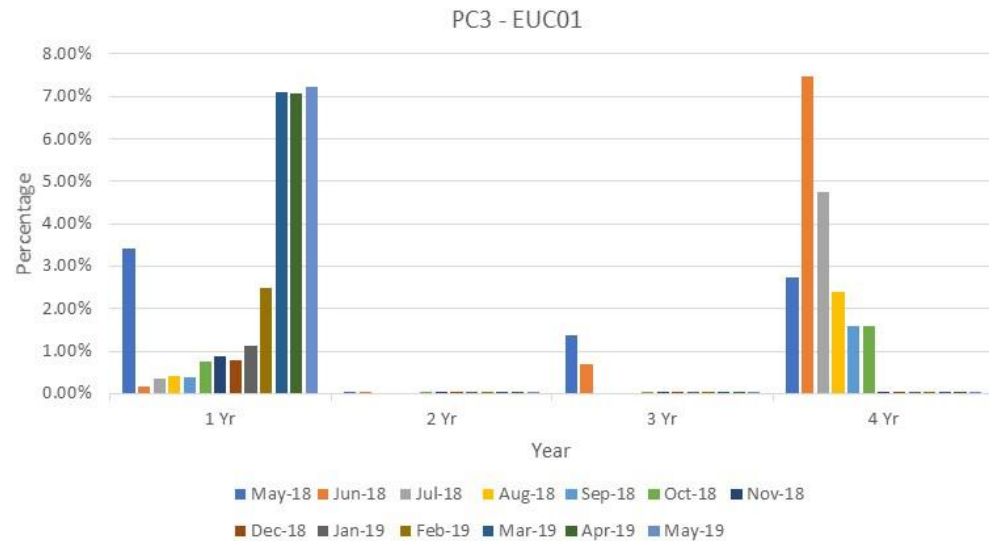
Product Class	Reads where logic check failed as a % of submitted readings	MRE01030	MRE01026	MRE01027	MRE01028	MRE01029
1	Warsaw – 10.19%					
2	Ramallah – 40.20%	Tiraspol– 2.50%	Ramallah– 16.67%	Luanda– 2.59%		Papeete– 0.88%
3	Tarawa– 100%	Monaco – 11.11%	Brazzaville – 3.26%	Tallinn– 6.28%		Monaco – 33.62%
4	Manama – 77.12%	Praia – 1.74%	Kinshasa– 10.95%	Riyadh – 8.33%		Tunis– 19.83%

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



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

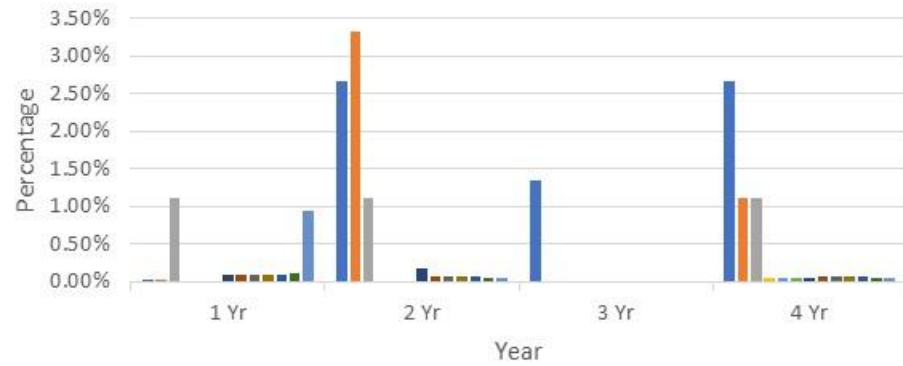
PC1 & PC2 Limited or no data both product classes



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

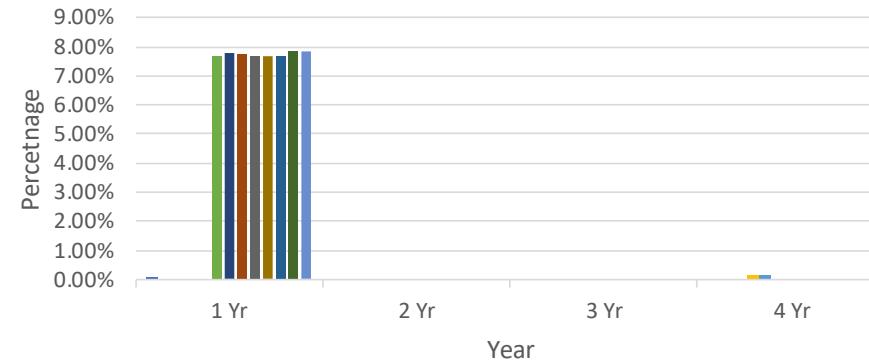


PC3 - EUC03



■ May-18 ■ Jun-18 ■ Jul-18 ■ Aug-18 ■ Sep-18 ■ Oct-18 ■ Nov-18
■ Dec-18 ■ Jan-19 ■ Feb-19 ■ Mar-19 ■ Apr-19 ■ May-19

PC3 - EUC04

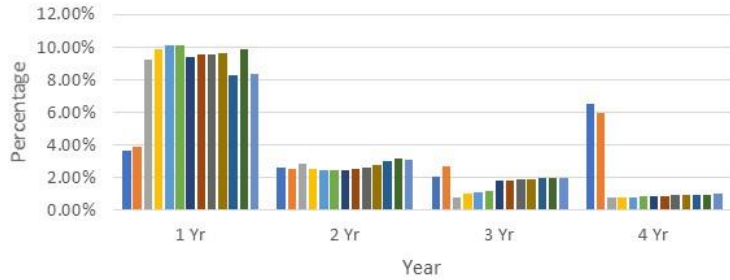


■ May-18 ■ Jun-18 ■ Jul-18 ■ Aug-18 ■ Sep-18 ■ Oct-18 ■ Nov-18
■ Dec-18 ■ Jan-19 ■ Feb-19 ■ Mar-19 ■ Apr-19 ■ May-19

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

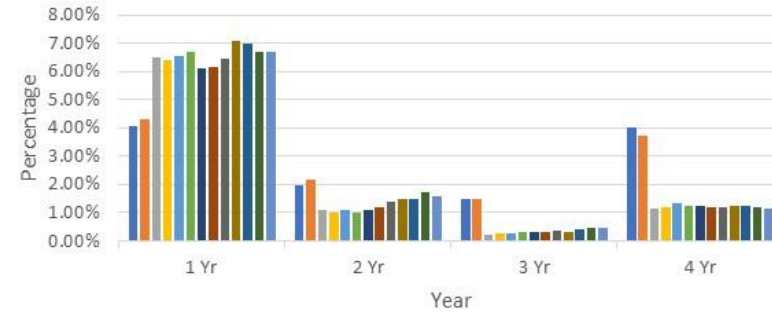


PC4 - EUC01



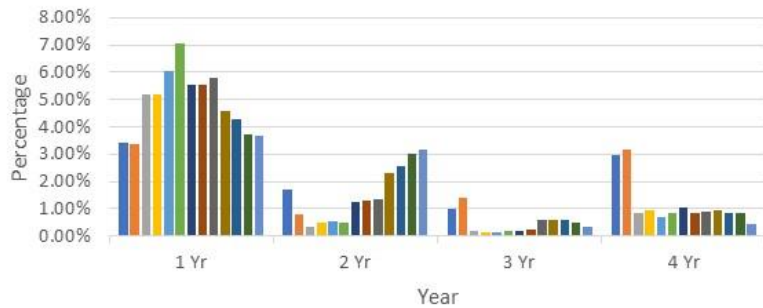
■ May-18 ■ Jun-18 ■ Jul-18 ■ Aug-18 ■ Sep-18 ■ Oct-18 ■ Nov-18
 ■ Dec-18 ■ Jan-19 ■ Feb-19 ■ Mar-19 ■ Apr-19 ■ May-19

PC4 - EUC02



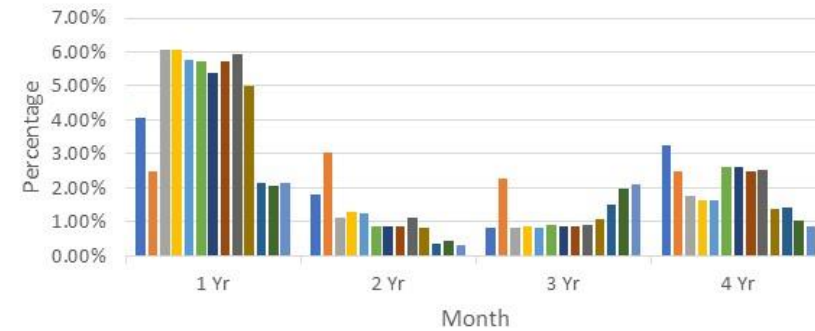
■ May-18 ■ Jun-18 ■ Jul-18 ■ Aug-18 ■ Sep-18 ■ Oct-18 ■ Nov-18
 ■ Dec-18 ■ Jan-19 ■ Feb-19 ■ Mar-19 ■ Apr-19 ■ May-19

PC4 - EUC03



■ May-18 ■ Jun-18 ■ Jul-18 ■ Aug-18 ■ Sep-18 ■ Oct-18 ■ Nov-18
 ■ Dec-18 ■ Jan-19 ■ Feb-19 ■ Mar-19 ■ Apr-19 ■ May-19

PC4 - EUC04

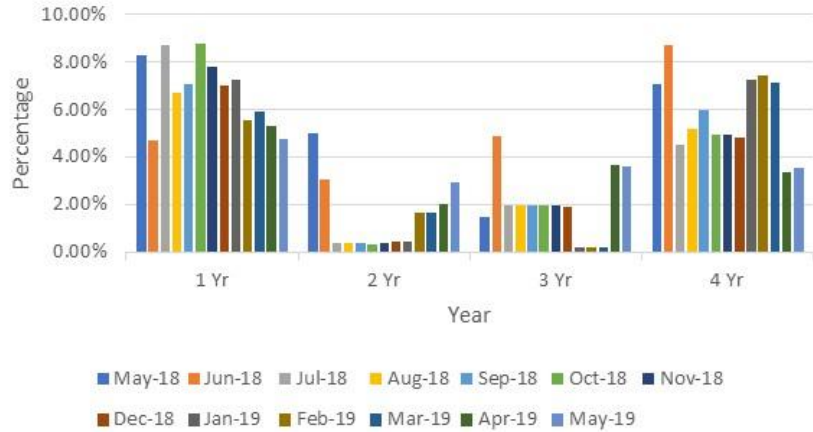


■ May-18 ■ Jun-18 ■ Jul-18 ■ Aug-18 ■ Sep-18 ■ Oct-18 ■ Nov-18
 ■ Dec-18 ■ Jan-19 ■ Feb-19 ■ Mar-19 ■ Apr-19 ■ May-19

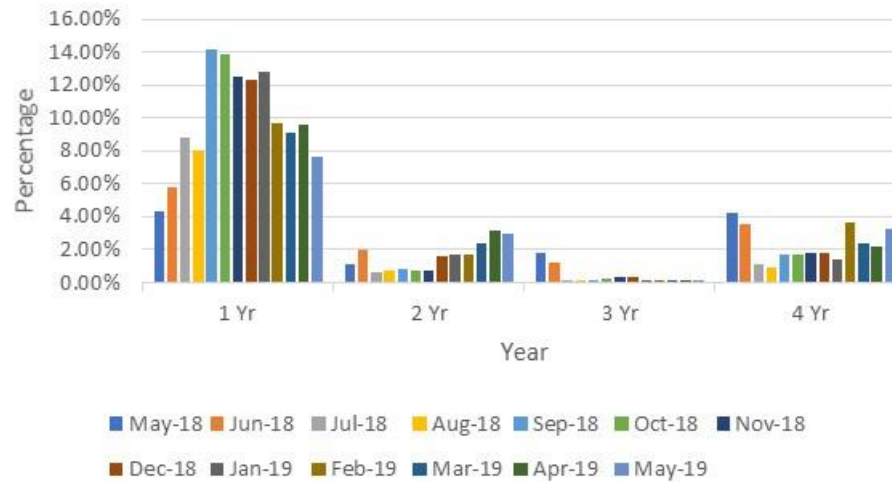
2A.7 No Reads Received for 1, 2, 3 or 4 years



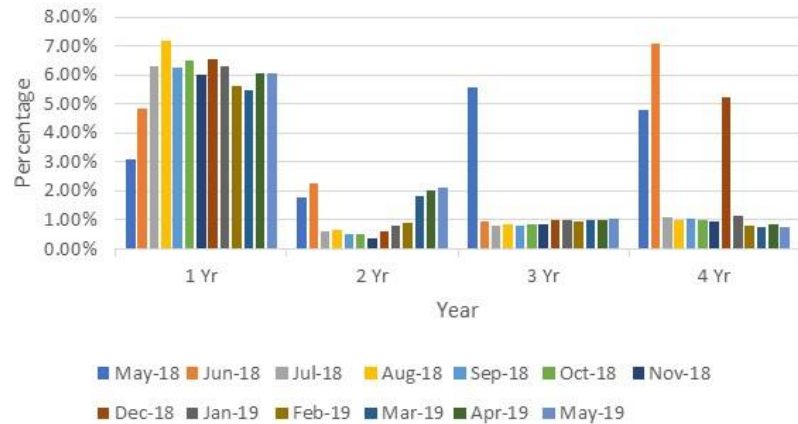
PC4 - EUC05



PC4 - EUC07



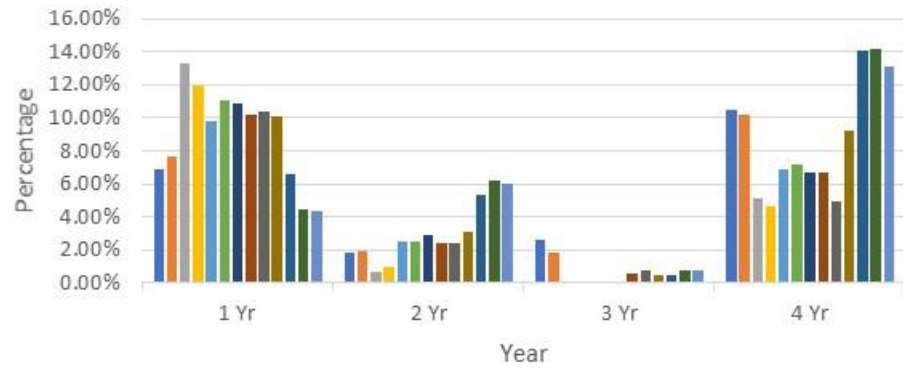
PC4 - EUC06



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

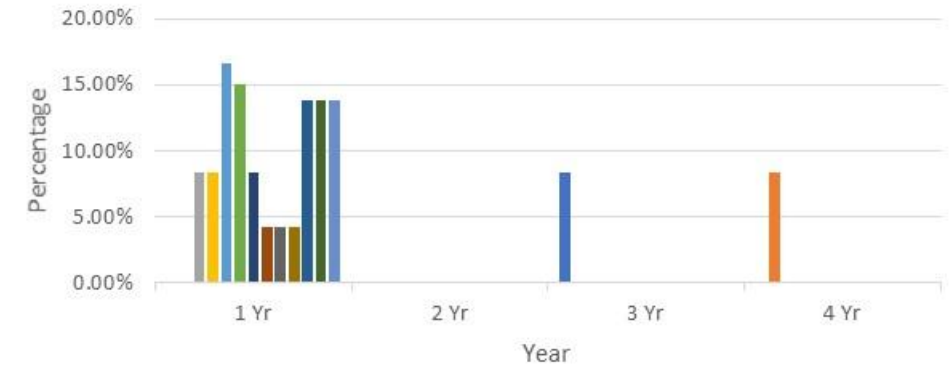


PC4 - EUC08



- May-18 ■ Jun-18 ■ Jul-18 ■ Aug-18 ■ Sep-18 ■ Oct-18 ■ Nov-18
- Dec-18 ■ Jan-19 ■ Feb-19 ■ Mar-19 ■ Apr-19 ■ May-19

PC4 - EUC09



- May-18 ■ Jun-18 ■ Jul-18 ■ Aug-18 ■ Sep-18 ■ Oct-18 ■ Nov-18
- Dec-18 ■ Jan-19 ■ Feb-19 ■ Mar-19 ■ Apr-19 ■ May-19

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

↑ 9 Monthly Change
 ↑ 7 Annual Change

Reason Code 02- Change in Consumer Plant

↑ 1411 Monthly Change
 ↑ 1743 Annual Change

Reason Code 03- Commencement of New Business

↑ 8 Monthly Change
 ↑ 207 Annual Change

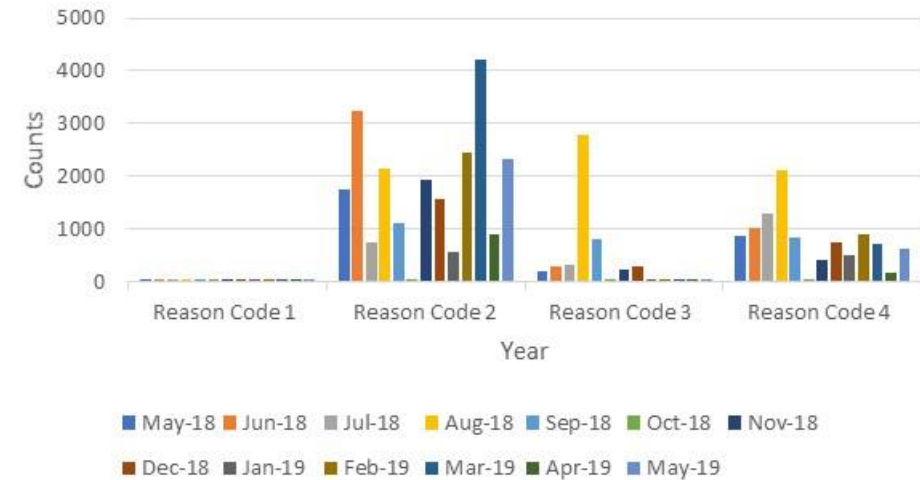
Reason Code 04- Tolerance Change

↑ 439 Monthly Change
 ↑ 852 Annual Change

Observations:

- Reductions in AQ corrections have been seen across all reason codes, with Reason code 03 seeing the greatest decrease.

2A.8 Count of AQ Corrections used by reason code



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

↑ 69 Monthly Change
↓ 1165 Annual Change

EUC07

↑ 3 Monthly Change
↓ 15 Annual Change

EUC05

↑ 9 Monthly Change
↓ 160 Annual Change

EUC08

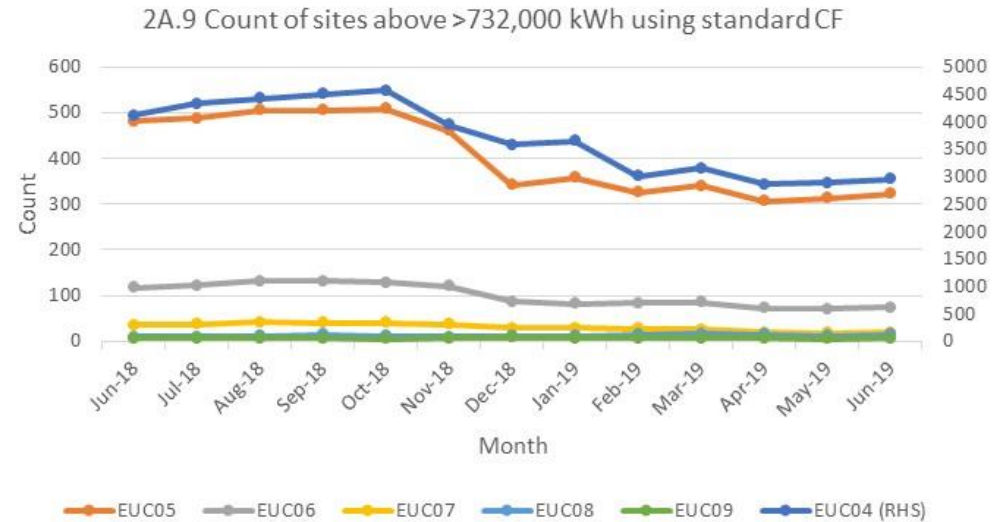
↑ 2 Monthly Change
↓ 5 Annual Change

EUC06

↑ 3 Monthly Change
↓ 43 Annual Change

EUC09

↑ 1 Monthly Change
No Annual Change



Observations:

- EUC04 continue to track significantly above the industry average and a much higher use of standard correction factors compared to other EUC bands
- The use of standard correction factors have continued to come down since September 2018 and will continued to be monitored over the coming months.

2A.10 Replaced Meter Reads

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

EUC01

↑ 134 Monthly Change
 ↓ 7522 Annual Change

EUC02

↓ 442 Monthly Change
 ↑ 418 Annual Change

EUC03

↑ 153 Monthly Change
 ↑ 146 Annual Change

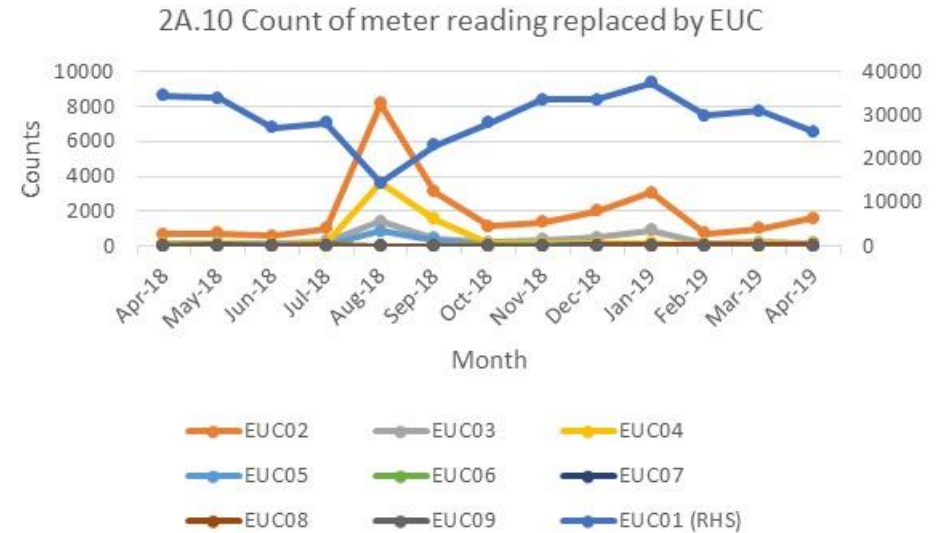
EUC04

↑ 139 Monthly Change
 ↑ 114 Annual Change

EUC05

↑ 17 Monthly Change
 ↓ 2 Annual Change

Data cannot be normalised for EUC06 - 09



Observations:

- EUC01 has seen an upward trend in replaced meter reads since August 2018 but has started to decline since January 2019.

- EUC01 continues to account for the most amount of total replaced meter reads.

Appendix – PARR report details



Sr No	Topic	Details	Split By	12 Rolling Months	Format	e.g. For Nov Report	Condition	Comments
1	2A - Estimated & Check Reads used for Gas Allocation, and consumption adjustments for Product Classes 1 & 2	<p>Need to count everyday portfolio and count mprn where read has been estimated and no actual present on the same day .</p> <p>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.</p> <p>For those MPRNs we have site visit read <=14 months and no subsequent site visit read . Those are outstanding ones per shipper.</p>	Class	Annual	Percentage	September	M-2	
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	M	
3	No Meter Recorded in the Supply Point Register and data flows received by Xoserve	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	Class	Annual	Count & B - Percentage	Additional MPRNs		
4	2A - Shipper Transfer Read Performance	M-2 is considered – Open OPNT_REQ_FOLL_CON OPNT_RECEIVED_10	Class	Annual	Percentage	September	M-2	
5	Read Performance	As per frequency we need to check if we have 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	Class		Percentage	September	M-2	

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	<p>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</p> <p>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</p>	Reason Codes		Percentage	October	M-1	
7	No reads received for 1,2,3 or 4 years (excludeds estimated	<p>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</p>	AQ Band	Annual	Percentage	Nov	M	
8	2A - AQ Corrections	<p>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_SWTDOC Switch Document new field added in DS - ZZ_AQ_REASON</p>	AQ Band	Annual	count	October	M-1	
9	2A - Standard Correction Factors for sites with AQ > 732, MWH	<p>Standard correction factor by AQ Band Count of meter points where replacement reads received by AQ Band ,only for class 3& 4 ,</p>	AQ Band	Annual		Nov	M	Report should only include AQs above 732000. Currently including >=732000
10	2A - Replaced Meter Reads	<p>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</p>	AQ Band	Annual		October	M-1	

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