PARR Dashboards

12 November 2019

PAFA

Gemserv

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:
↓ 0.75% - Monthly change
↓ 0.09% - Annual change

Monthly changes:

↑ 0.65% Ankara	↓ 4.03% Reykjavik
↑ 1.47% Gitega	↓ 4.39% Philipsburg
↑ 3.95% Papeete	↓ 8.96% Thimphu

PC2

Industry movement:
↑ 8.89% Monthly change
↓ 7.74% Annual change

Monthly changes:

↑ 17.02% Reykjavik	↓ 1.41% Saipan
↑ 23.33% Ramallah	↓ 4.69% Thimphu
↑ 96.77% Roseau	↓ 22.36% Philipsburg

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

Observations:
- 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 since May 2019, which appears to have stabilised in recent months.
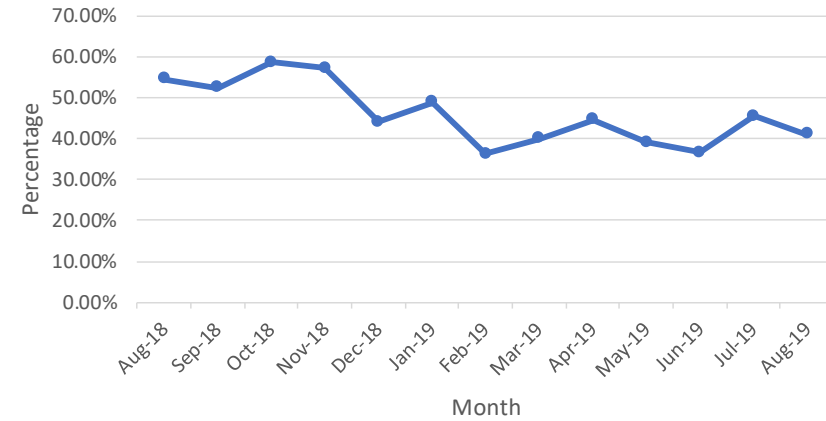
2A.1 Count of Check Reads Completed for PC1 and PC2

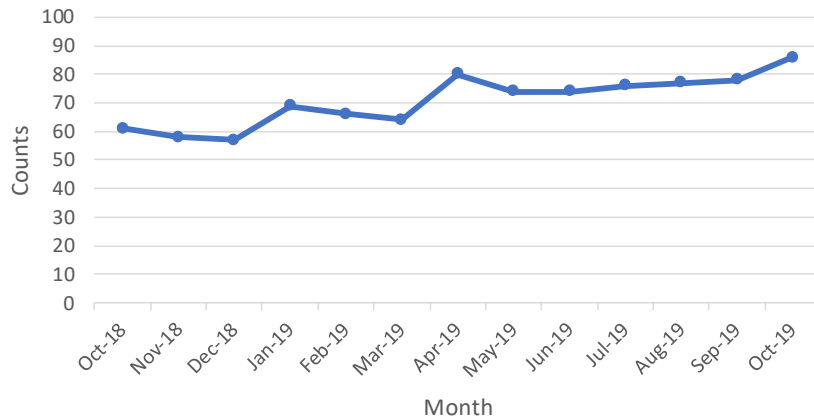# 2A.1 Estimated & Check Reads - Product Classes 1 & 2

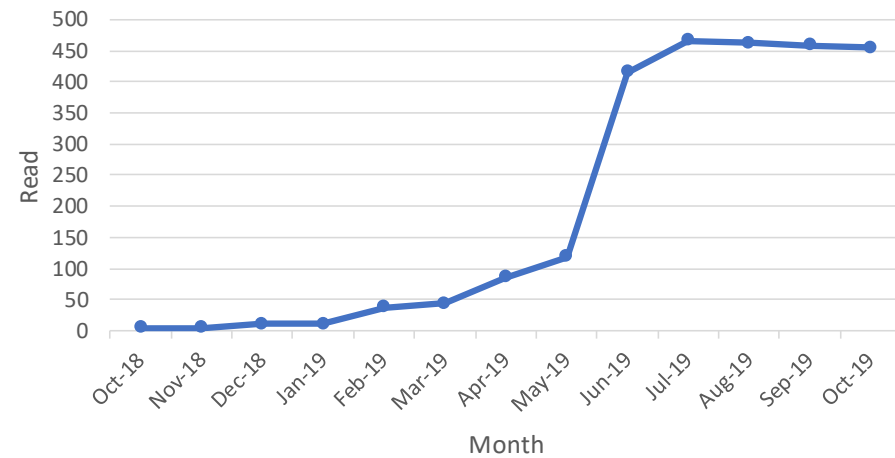### 2A.1 PC1 Estimated Read Totals
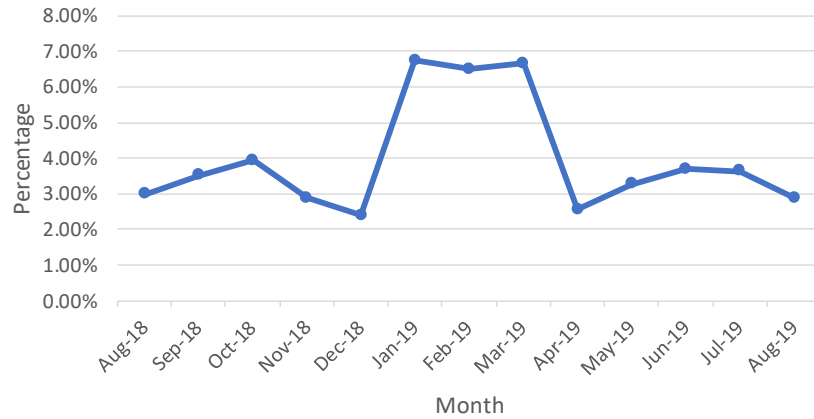
2A.1 PC2 Estimated Read Totals
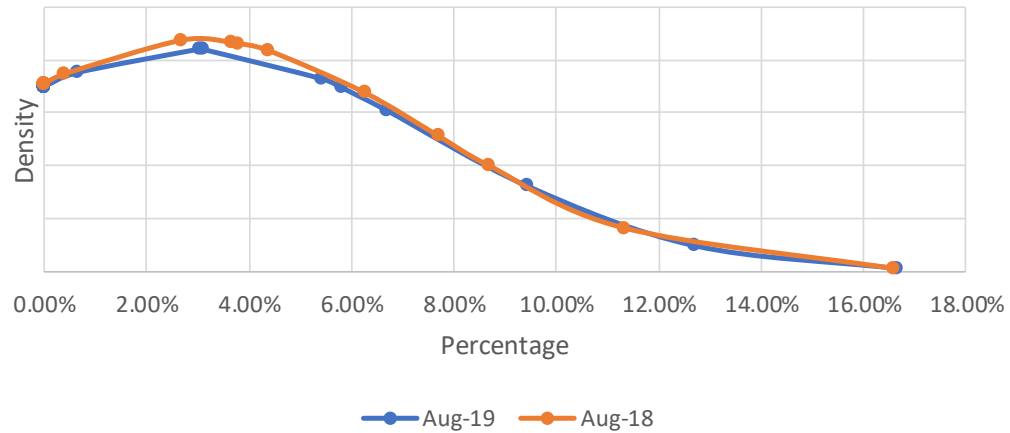

2A.1 PC1 Check Reads Total
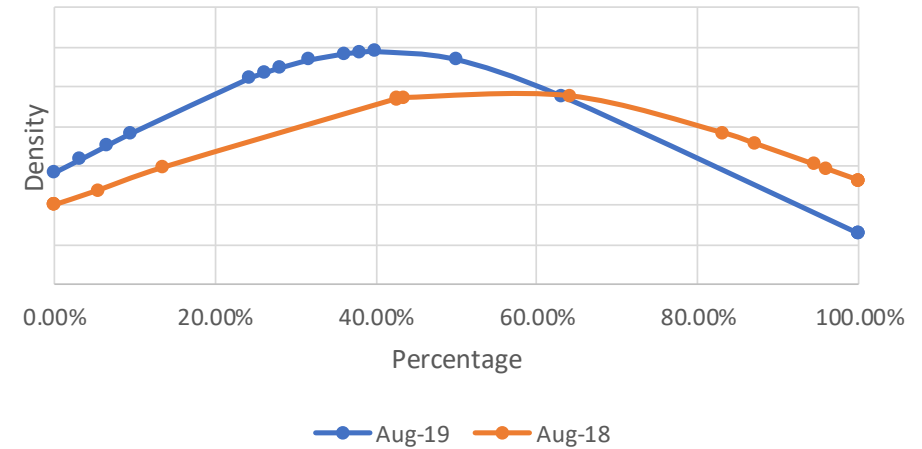

2A.1 PC2 Check Read Totals

2A.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

Highest shippers:
Valletta 33.33%

PC2

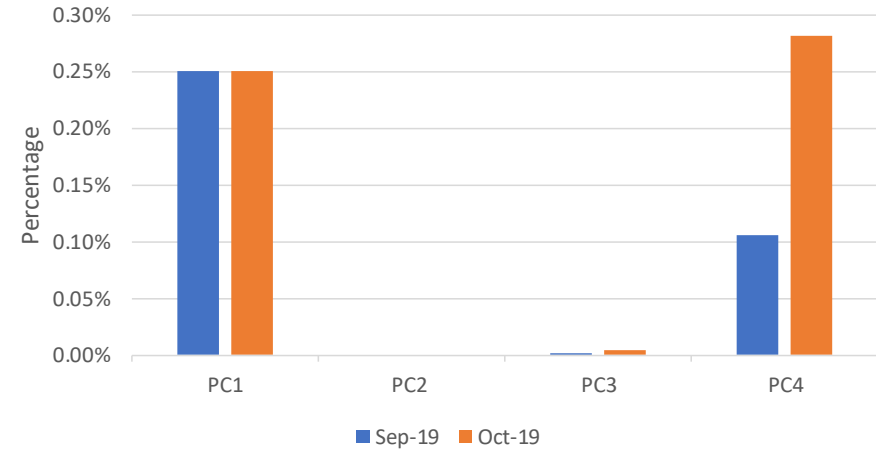0% for product class

PC3

Highest shippers:
Papeete 0.02%
Roseau 0.15%
Praia 0.50%

PC4

Highest shippers:
Oranjestad 2.18%
Pyongyang 2.53%
Monaco 100%

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

Observations:
- Increased in the number of no meters recorded on the supply point register has increased significantly within PC4, primarily driven by one shipper.

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
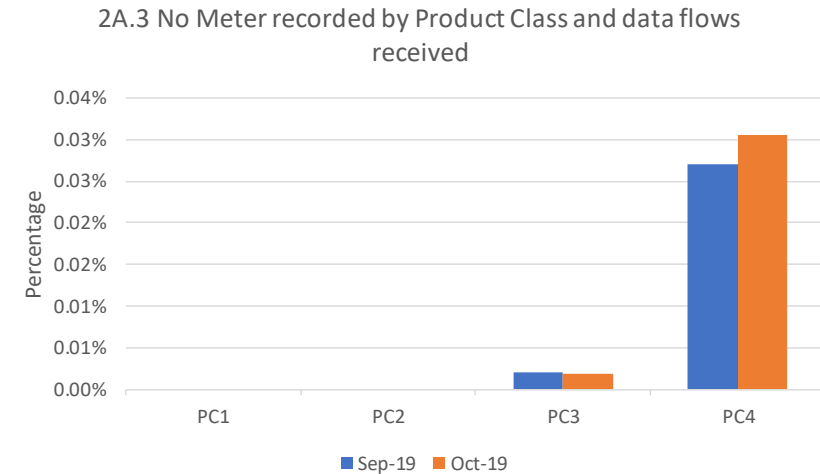
PC1 & PC2

0.0% for both product classes

PC3

Highest shippers:
Papeete 0.02%
Roseau 0.15%
Praia 0.30%

PC4

Highest shippers:
Saipan 0.43%
Roseau 0.55%
Valletta 2.15%

2A.3 No Meter recorded by Product Class and data flows received

2A.4- Shipper Transfer Read Performance

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

Industry movement:
↓ 3.67% Monthly change
↑ 0.79% 10-month change

Monthly changes:
↑ 14.98% Saipan   ↓ 20.71% Taipei
↑ 17.14% Manama   ↓ 23.48% Thimphu
↑ 19.83% Gabarone   ↓ 27.78% Bratislava

Observations:

- Transfer read performance remains low and is significantly below the UNC obligation

- Average transfer read performance between October 2018 and August 2019 is 35.67%
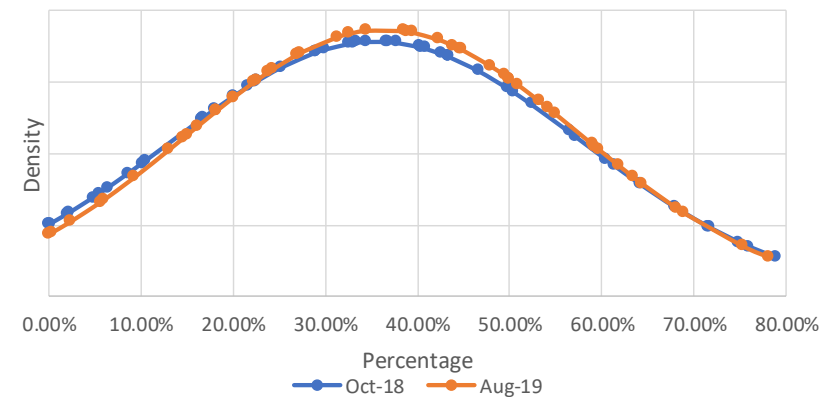
Recommendations:

- 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
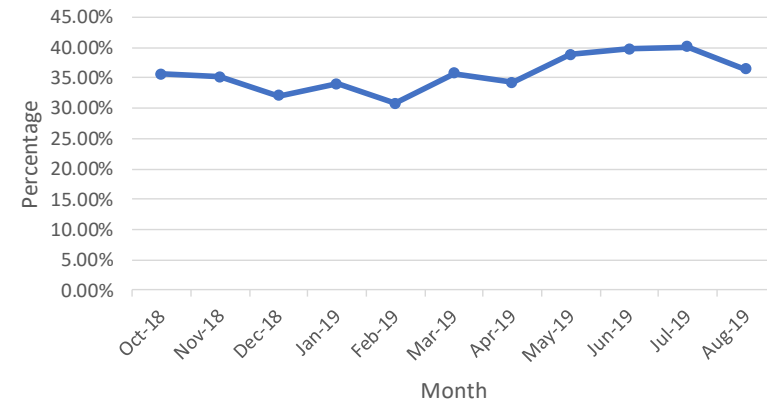
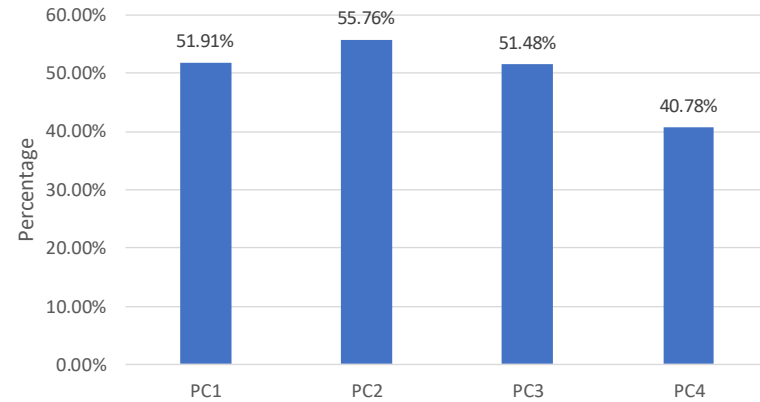2A.4- 10 Month Comparison of Shipper Transfer Read Performance

2A.5- Read Performance

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

2A.5 Percentage of Product Class read submissions

| PC1	PC2	PC3	PC4
0% Riyadh	**0%** Warsaw	**0%** Djibouti	**0%** Suva
0% Bamako	**0%** Ramallah	**0%** Warsaw	**0%** Bern
0% Jakarta	**0%** Roseau	**0.79%** Lisbon	**0%** Tripoli
0% Ankara			**0%** Riyadh
			0% Bishkek
			0% Castries
			0% Luxembourg

2A.5 Percentage of LSP/SSP read submission
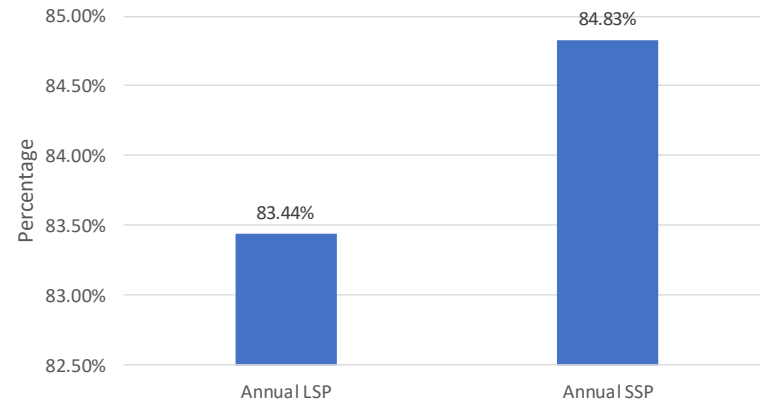
Observations:
- PC2 and PC3 incorporates the values from the new reports
- Although read performance is higher, it is still lower than the UNC obligation for all product classes
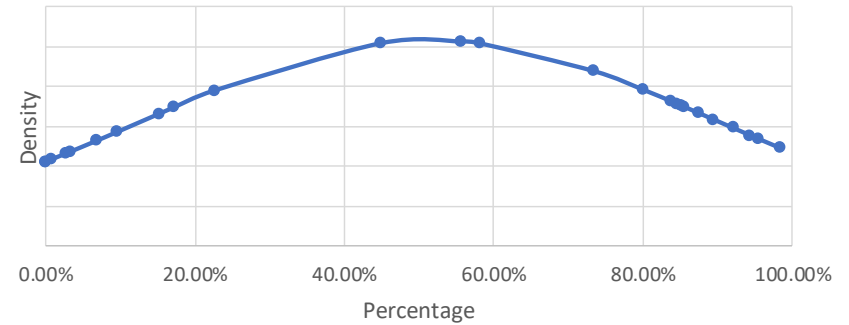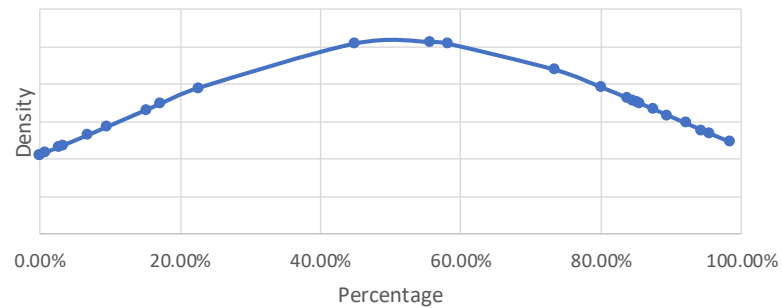
2A.5- Read Performance

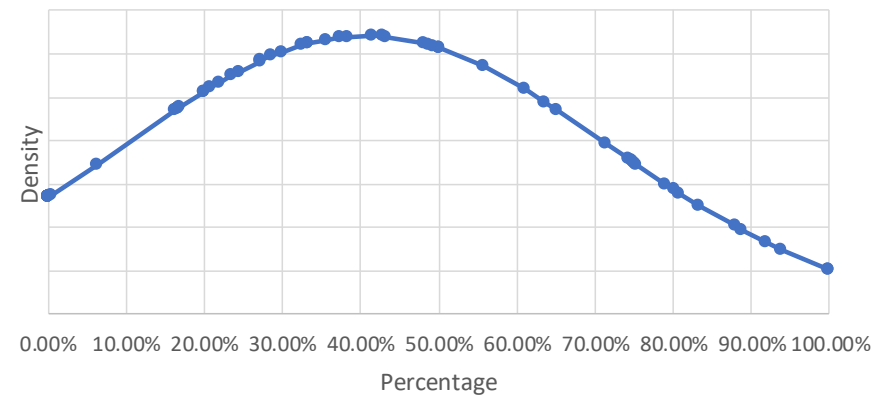2A.5 Distribution of percentage of PC1 sites providing meter reads
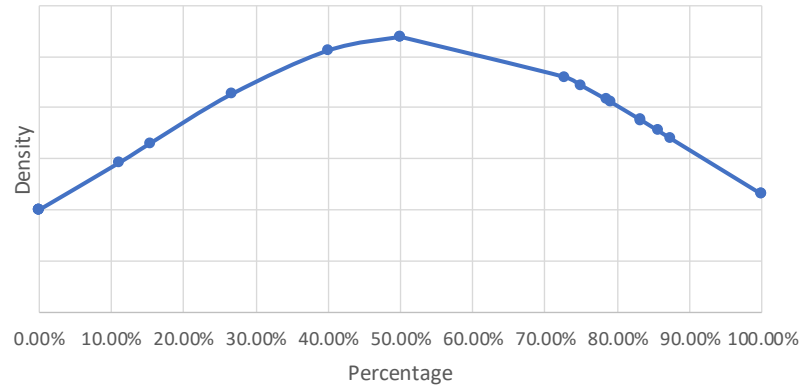
2A.5 Distribution of percentage of PC3 sites providing meter reads

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

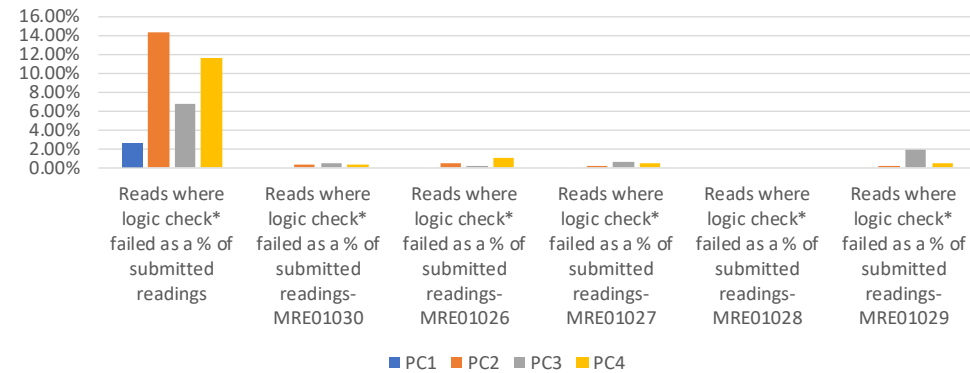2A.5 Distribution of percentage of PC4 sites providing meter reads

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 - September 2019

Product Class	Reads where logic check failed as a % of submitted readings	MRE01030	MRE01026	MRE01027	MRE01028	MRE01029
1	Reykjavik – 17.91%					
2	Ramallah – 70.49%	Thimphu– 4.57%	Papeete– 1.78%	Washington– 0.59%		Phillipsburg – 0.54%
3	Manama – 48.72%	Monaco – 5.21%	Brazzaville – 3.92%	Saipan – 6.94%		Monaco – 28.44%
4	Riyadh – 70.18%	Marigot – 8.47%	Praia – 6.47%	Ramallah – 5.52%		Saipan– 4.27%

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
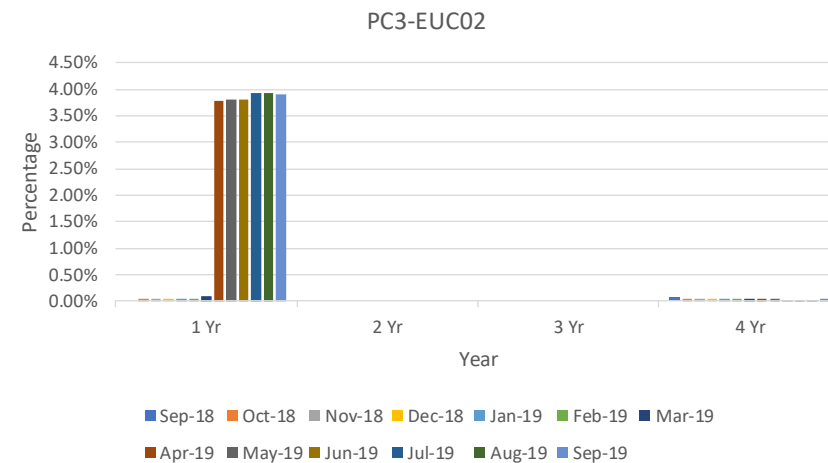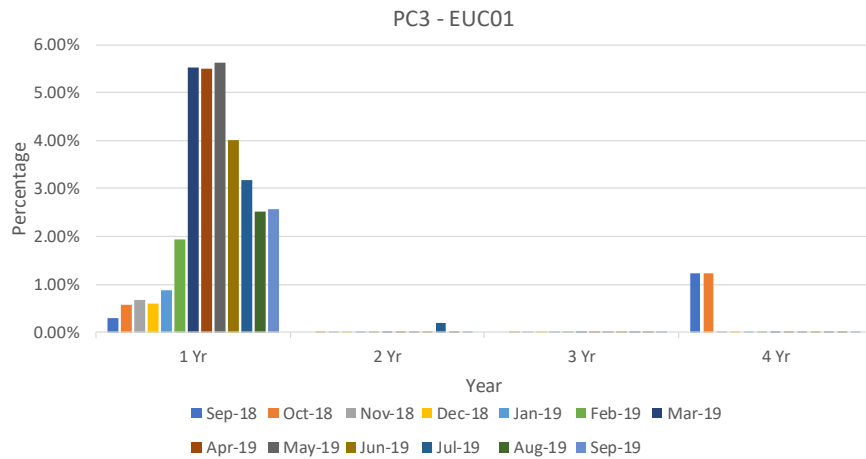
PC3 - EUC01

PC3-EUC02

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

PC3 - EUC03

PC3 - EUC04

2A.7 No Reads Received for 1, 2, 3 or 4 years
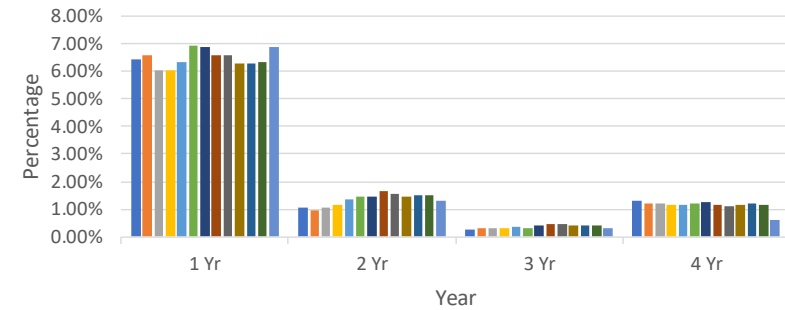
PC4 - EUC01

PC4 - EUC02

PC4 - EUC03

PC4 - EUC04

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

PC4 - EUC05

PC4 - EUC07
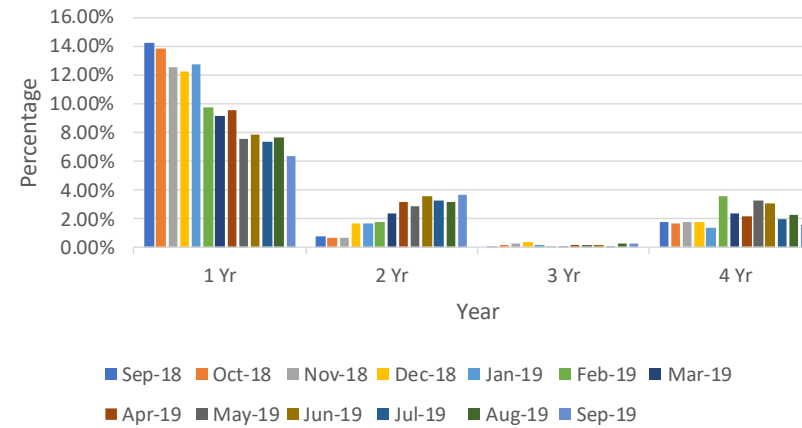
PC4 - EUC06
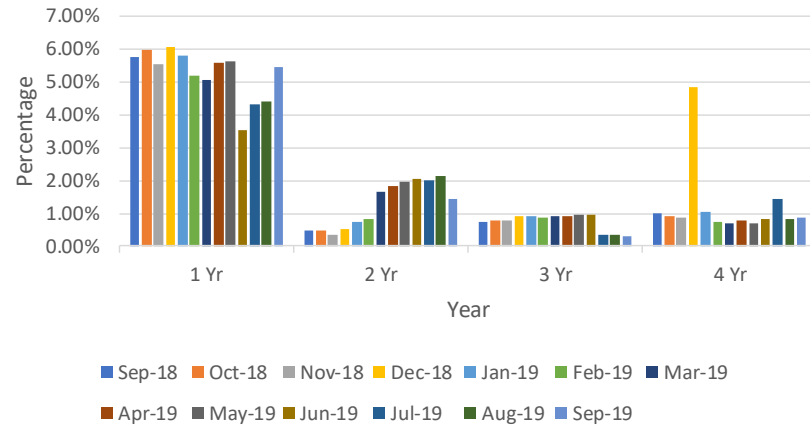
2A.7 No Reads Received for 1, 2, 3 or 4 years

PC4 - EUC08
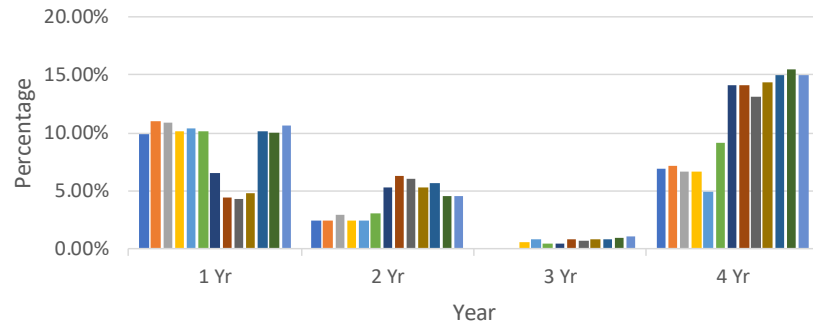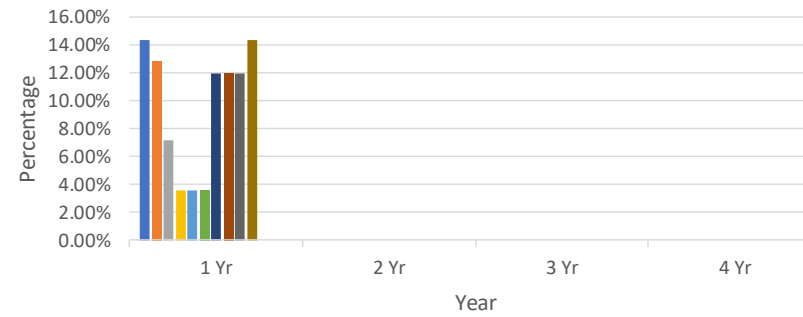
PC4 - EUC09

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
↓ 3 Monthly Change
↓ 38 Annual Change

Reason Code 02- Change in Consumer Plant
↑ 687 Monthly Change
↑ 1302 Annual Change

Reason Code 03- Commencement of New Business
↑ 60 Monthly Change
↓ 694 Annual Change

Reason Code 04- Tolerance Change
↓ 99 Monthly Change
↓ 475 Annual Change

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

Observations:
- Change in consumer plants continues to account for the highest proportion of AQ corrections.
- Change in consumer plant spiked in March 2019, which has since decreased.
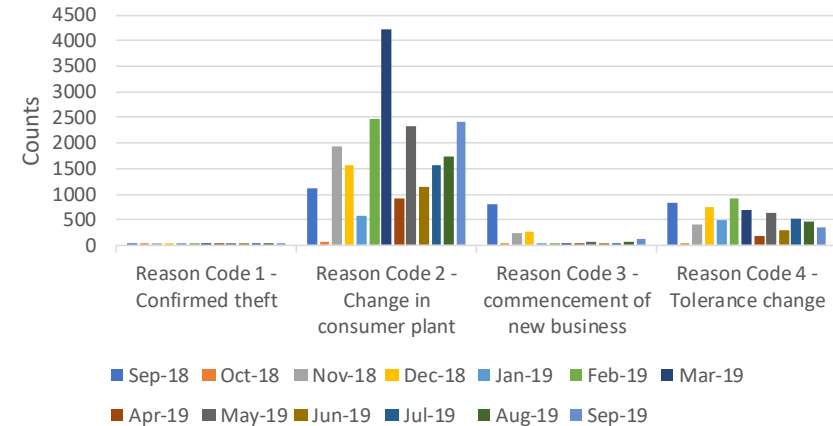
2A.9 Standard CF AQ > 732,000 kWh

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

EUC04

↓ 462 Monthly Change
↓ 2769 Annual Change

EUC05

↓ 53 Monthly Change
↓ 302 Annual Change

EUC06

↓ 16 Monthly Change
↓ 83 Annual Change

EUC07

↑ 1 Monthly Change
↓ 21 Annual Change

EUC08

↓ **1** Monthly Change
No Annual Change

EUC09

No Monthly Change
↑ 2 Annual Change

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

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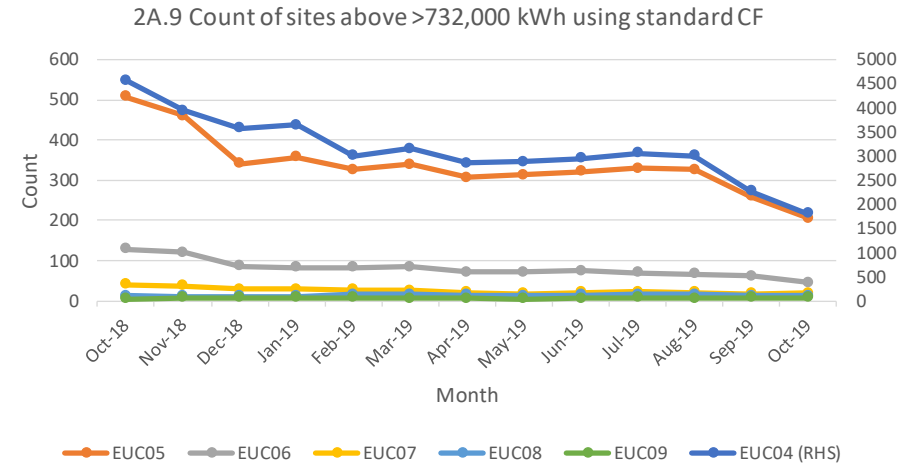
Observations:

- 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 has decreased significantly since October 2018. with significant reductions in recent months.

2A.10 Replaced Meter Reads

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

EUC01

↓ 143269 Monthly Change
↑ 2007 Annual Change

EUC02

↑ 154 Monthly Change
↓ 2296 Annual Change

EUC03

↑ 53 Monthly Change
↓ 304 Annual Change

EUC04

↑ 5 Monthly Change
↓ 1504 Annual Change

EUC05

↓ 3 Monthly Change
↓ 349 Annual Change

EUC06

↓ 6 Monthly Change
↑ 8 Annual Change

EUC07

↓ 1 Monthly Change
↑ 2 Annual Change

EUC08

↓ 3 Monthly Change
No Annual Change

EUC09

No monthly or annual changes

2A.10 Count of meter reading replaced by EUC
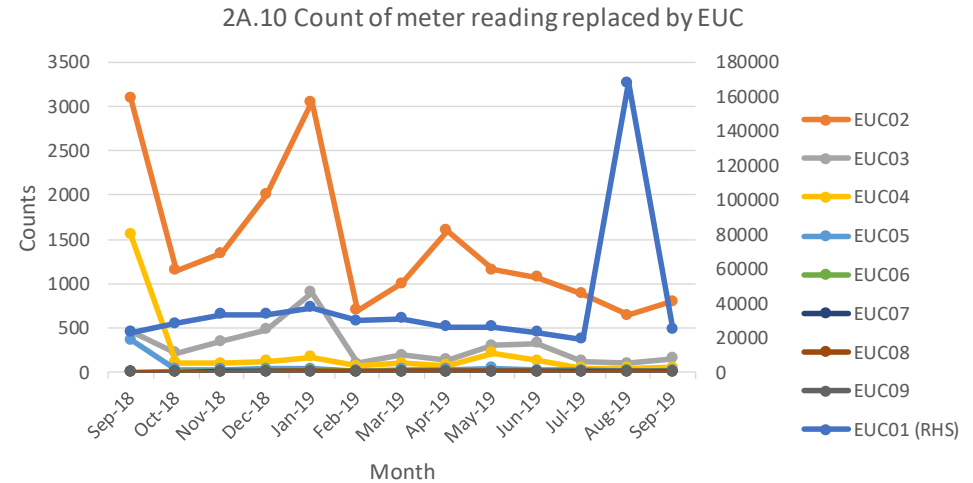
Observations:

- EUC01 has seen an upward trend in replaced meter reads in August 2019 due to one shipper in particular seeing a sharp increase in replaced meter reads.

- This is currently being investigated

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, andconsumption adjustments for Product Classes 1 & 2	*Need to count everyday portfolio and count mprn where read has been estimated 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	
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 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 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	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 0UC_SWTDOC Switch Document new field added in DS - ZZ_AQ_REASON	AQ Band	Annual	count	October	M-1	
9	2A - Standard Correction Factors for sites with AQ > 732, MWH	Standard correction factor by AQ Band	AQ Band	Annual		Nov	M	**Report should only include AQs above 732000. Currently including >=732000**
10	2A - Replaced Meter Reads	Count of meter points where replacement reads received by AQ Band ,Only for class 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	

PAFA@Gemserv.com