Potential PAF AQ Reports

20 Dec 2017

Contents

Overview

- Change proposal recently raised to recreate MOD 81 reports

- Agreed that some AQ reporting needed for PAC

- Not included in MOD 520A (and therefore schedule 2)

- Included below are previous versions of reports and proposed reports from MOD 520 and MOD 81 for discussion

MOD 520 Proposed AQ Reports

- Source – MOD 520 (not implemented) Report Register

AQs that haven't been revised within industry timescales

Report title	AQs that haven't been revised within industry timescales
Report reference	2.8
Purpose of report	To report those MPRNs which have not been updated with a new AQ in the expected timescales.
Expected interpretation of report results	Where a meter reading has been submitted in a month, it would be expected that the AQ would also be recalculated for most MPRNs (with the exception of new sites, sites with no reading history, etc.). Any MPRNs with AQs that haven't been calculated for a period are out of date and present a risk to settlement.
Report structure (actual report headings and description of each heading)	See below.
Data inputs to the report	Latest AQ recalculation date. Count of MPRNs in shippers' portfolio.
Number rounding convention	Percentage, to two decimal places.
History e.g. report builds month on month	The report is produced monthly, giving time for the read submission deadline to pass, e.g. performance relating January will be reported in early March.
Rules governing treatment of data inputs (the actual formula / specification to prepare the report)	Percentage of AQs calculated against shipper portfolio. The portfolio size is measured as at the last day of the relevant month.
Design questions awaiting a response	
Frequency of report	
Sort criteria – alphabetical, ascending etc	Alphabetically by Shipper Short Code
History/Background	UNC Mod 520 – PAF Reporting spreadsheet
Additional comments	
Estimated development cost	
Estimated ongoing cost	

- Not included in 520A as perceived to be a measure of calculation effectiveness rather than performance

Product	1		
AQ not calculated for more than	1 month	4 months	12 months
Shipper A	1.00%		
Shipper B	2.00%		
Shipper C	3.00%		
All Shippers	2.00%		

Product	2		
AQ not calculated for more than	1 month	4 months	12 months
Shipper A			
Shipper B			
Shipper C			
All Shippers			

Product	3		
AQ not calculated for more than	1 month	4 months	12 months
Shipper A			
Shipper B			
Shipper C			
All Shippers			

Product	4, monthly read frequency		
AQ not calculated for more than	1 month	4 months	12 months
Shipper A			
Shipper B			
Shipper C			
All Shippers			

Product	4, LSP, annual read frequency	
AQ not calculated for more than	12 months	24 months
Shipper A		
Shipper B		
Shipper C		
All Shippers		

Product	4, SSP, annual read frequency	
AQ not calculated for more than	12 months	24 months
Shipper A		
Shipper B		
Shipper C		
All Shippers		

Note: due to concerns around inadvertently revealing shippers' read strategies, the "3-month" category was removed from the annual read frequency tables above.

MOD 520 Proposed Reconciliation Reports

- Source – MOD 520 (not implemented) Report Register

MPRNs that haven't reconciled within industry timescales

Report title	MPRNs that haven't reconciled within industry timescales
Report reference	2.9
Purpose of report	To report those MPRNs which have not reconciled in the expected timescales.
Expected interpretation of report results	Where a meter reading has been submitted in a month, it would be expected that reconciliation would also be recalculated for most MPRNs (with the exception of new sites, sites with no reading history, etc.). Any MPRNs where reconciliation hasn't occurred for a period are settling to estimates, and present a risk to settlement. This only applies to MPRNs on products 3 and 4.
Report structure (actual report headings and description of each heading)	See below.
Data inputs to the report	Latest reconciliation date. Count of MPRNs in shippers' portfolio.
Number rounding convention	Percentage, to two decimal places.
History e.g. report builds month on month	The report is produced monthly, giving time for the read submission deadline to pass, e.g. performance relating January will be reported in early March.
Rules governing treatment of data inputs (the actual formula / specification to prepare the report)	Percentage of reconciled MPRNs against shipper portfolio. The portfolio size is measured as at the last day of the relevant month.
Design questions awaiting a response	
Frequency of report	
Sort criteria – alphabetical, ascending etc	Alphabetically by Shipper Short Code
History/Background	UNC Mod 520 – PAF Reporting spreadsheet
Additional comments	
Estimated development cost	
Estimated ongoing cost	

Product	3		
Reconciliation hasn't occurred for more than	1 month	4 months	12 months
Shipper A			
Shipper B			
Shipper C			
All Shippers			

Product	4, monthly read frequency		
Reconciliation hasn't occurred for more than	1 month	4 months	12 months
Shipper A			
Shipper B			
Shipper C			

Product	4, LSP, annual read frequency	
AQ not calculated for more than	12 months	24 months
Shipper A		
Shipper B		
Shipper C		
All Shippers		

Product	4, SSP, annual read frequency	
AQ not calculated for more than	12 months	24 months
Shipper A		
Shipper B		
Shipper C		
All Shippers		

Note: due to concerns around inadvertently revealing shippers' read strategies, the "3-month" category was removed from the annual read frequency tables above.

- Not included in 520A as perceived to be a measure of calculation effectiveness rather than performance

MOD 81 Reports (1)

- Source – xoserve (PNUNC Workgroup presentation)

Report 1

- AQ Trends Report; Total number of accepted amendments received by LDZ - count & energy
  - The report is split by; LDZ & Shipper. Shows the number of accepted AQ Amendments between the specified date parameters of the report. The report also captures how the energy values are affected, pre and post the accepted AQ Amendments.
- Report Example

LDZ	State	Count of MPR	Sum of Current AQ	Sum of New AQ	Sum of Proposed
EA	Shipper A	304	57,597,821	692,485,737	117,221,325
EA	Shipper B	10,610	157,522,236	127,907,545	136,916,409
EA	Shipper C	521	60,170,824	56,631,128	55,920,084
		11,435	275,290,881	877,024,410	310,057,818

Report 2

- Accepted Shipper Amendments – Increasing or Decreasing AQ by Shipper
  - The report captures the total number of successful AQ Amendments for each Shipper & shows the affect of the amendments based on the xoserve proposed values.
- Report Example

State	Accepted	Decreasing AQs	Increasing AQs
Shipper A	3717	2,573	1,131
Shipper B	184,387	116,464	67,867
Shipper C	1	1	0
	188,105	119,038	68,998

Report 3

- Total Amendments Received by Outcome & Outcome Code (Accepted / Rejected / Referred) – Volume Count & Percentage of Total
  - The report captures the total number of AQ Amendments for each Shipper received within the date parameters of the report and shows the aggregate volume of Outcome Codes, i.e. if the amendments were Accepted, Rejected or Referred.
- Report Example

State	All Amendments	Accepted Amendments	Rejected Amendments
Shipper A	3,860	3,717	143
Shipper B	185,458	184,387	1,071
Shipper C	1	1	0
	189,319	188,105	1,214

Report 5

- EUC Band Changes – Decreasing AQs Energy
  - The report reflects the decreasing energy values for each EUC band and tracks how this energy is dispersed between other EUC Bands. This report also captures in which EUC Zone the energy was allocated, and where the AQ Amendments have moved zones.
- Report Example

State	LDZ	Prev. EUC Band	01	02	03	04	05	06	07	08	09	Total of Current AQ
Shipper A	EA	01	27,305									27,305
Shipper B	WM	02	4,690	124,310								129,000
Shipper C	SC	03	49,756									49,756
			81,751	124,310	0	0	0	0	0	0	0	206,061

MOD 81 Reports (2)

- Source – xoserve (PNUNC Workgroup presentation)

Report 6

- EUC Band Changes – Decreasing AQs by Meter Point
  - The report shows the count of Meter Points for Report 5 which shows the data in kWh following the AQ Amendment window.
- Report Example

State	LDZ	Prev. EUC Band	01	02	03	04	05	06	07	08	09	Total of MPRN
Shipper A	EA	01	1									1
Shipper B	EM	02	1	1								2
Shipper C	WM	03	2									2
			4	1	0	0	0	0	0	0	0	5

Report 7

- EUC Band Changes – Increasing AQs Energy
  - The report reflects the increasing energy values for each EUC band and tracks how this energy is dispersed between other EUC Bands following the AQ Amendment window. This report also captures in which EUC Zone the energy was allocated, and then captures where the AQ Amendments have moved zones.
- Report Example

State	LDZ	Prev. EUC Band	01	02	03	04	06	Total of Current AQ
Shipper A	EA	01	56,497					56,497
Shipper B	EM	02			337,912			337,912
Shipper C	WM	03	2,134,808	98,780		1,094,284	8,470,177	11,798,049
			2,191,305	98,780	337,912	1,094,284	8,470,177	12,192,458

Report 8

- EUC Band Changes – Increasing AQs by Meter Point
  - The report shows the count of Meter Points for Report 7 which shows the data in kWh following the AQ Amendment window
- Report Example

State	LDZ	Prev. EUC Band	01	02	03	04	05	06	07	08	09	Total of MPRN
Shipper A	EA	01	1									1
Shipper B	EM	02			1							1
Shipper C	WM	03	55	1		1		1				58
			56	1	1	1	0	1	0	0	0	60

Report 10

- EUC Band for previous and current year by LDZ
  - This report captures the total affect of the AQ review on all Meter Points. The report is shows the Shipper, LDZ and EUC band for previous gas year and then the position in the new gas year.
- Report Example

Prev. Shipper	Prev. LDZ	Previous EUC	Current Shipper	Current LDZ	Current EUC	MPR Count	Prev. NDM AQ	New NDM AQ
Shipper A	EA	EA:E0904W02	Shipper A	EA	EA:E1003W04	2	1,868,888	1,294,459
Shipper B	EM	EM:E0904B	Shipper C	EM	EM:E1004W03	1	924,123	844,540
Shipper B	NE	NE:E0902B	Shipper B	NE	NE:E1002B	1	134,120	125,428
						4	2,927,131	2,264,427

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For consideration

- What does PAC require from AQ reporting?

- MOD to be raised?