Performance Assurance Workgroup

Report on analysis of meter reading submissions against meter read frequency for East Midlands LDZ

1. Introduction

Since mid 2014 Xoserve has been undertaking detailed analysis of meter reading submissions within the East Midlands LDZ. This has been for the purpose of providing data to the methodology presented at the October 2014 Performance Assurance Workgroup (PAW) and to meet the request from PAW for meter reading "performance" data.

This report details the results of a request from the PAW for meter reading data, essentially the reads accepted onto UK Link, and some analysis of the meter points where reads are outstanding.

Whilst the submission of meter readings may provide one assessment of performance, the analysis suggests there is a residual population of meter points that remain unread for lengthy periods.

Further analysis of the implications on unread meters and their associated unread AQ is to be provided in a separate report, extending the report provided to PAW in October 2014.

2. Summary of analysis – reads accepted against reads required

The population of meter points for East Midlands is split by meter read frequency; monthly, six-monthly and annually. Daily read meters are excluded from the analysis.

The analysis has focussed on those meter points where a read is due in accordance with the meter point read frequency. Six monthly and annually read meter points for which a read has been received within the meter point read frequency are included within analysis but do not form part of the results. For example, an annually read meter point that is read quarterly will not feature in the results, whereas a six monthly read meter point for which the latest read on UK Link is 8 months ago will feature until such times as a read is submitted.

The table below shows the analysis for East Midlands LDZ. There is a column identifying the reads expected to be provided in the relevant month, then a column for the number of reads accepted against this population and then a column expressing reads accepted as a percentage of reads expected.

	Monthly			Six monthly			Annual		
	Expected	Recd	%	Expected	Recd	%	Expected	Recd	%
July	10970	8911	81.23	189771	42053	22.16	44124	4681	10.61
August	10980	7322	66.69	204667	31435	15.36	48342	181	0.37
September	10515	8261	78.56	243280	59498	24.46	46976	647	1.38
October	10835	8328	76.86	206067	28361	13.76	31567	106	0.34
November	11145	8911	79.96	246140	74738	30.36	47785	128	0.27
December	10452	7372	70.53	215819	59457	27.55	59219	13706	23.14

Of note against the November population of annually read meters that were due a read in November but for which one was not provided, (so the latest read date is at least October 2013 or before), 7724 had their AQ amended using the AQ amendment process. The AQ amendment process requires reads to be submitted to the spec calculator. The shippers have reads for these meter points but they are not been submitted / accepted to UK Link.

The following table details the expected read population against the total population of the LDZ for six monthly and annually read meter points

	Six monthly					Annual				
	Total popn	Expected	Expected as % of total popn	Reads recd	Reads recd as % of reads expected	Total popn	Expected	Expected as % of total popn	Reads recd	Reads recd as % of reads expected
July	968202	189771	19.60	42053	22.16	1228874	44124	3.59	4681	10.61
August	953958	204667	21.45	31435	15.36	1229205	48342	3.93	181	0.37
September	957668	243280	25.40	59498	24.46	1239287	46976	3.79	647	1.38
October	973292	206067	21.17	28361	13.76	1257520	31567	2.51	106	0.34
November	970197	246140	25.37	74738	30.36	1259103	47785	3.80	128	0.27
December	960705	215819	22.46	59457	27.55	1244198	59219	4.76	13706	23.14

3. Individual Shipper read performance

Individual Shipper read performance is not provided in the report as permissions do not currently exist to provide the information by Shipper name, and the provision of the data by pseudonym would still allow some parties to be identified.

The table below shows the aggregate read performance against meter reading frequency.

	Monthly read			Six monthly read			Annually read		
	Expected	Actually read	%	Total popn	Actually read	%	Total popn	Actually read	%
July	10970	8911	81.23	968202	211516	21.85	1228874	280518	22.83
August	10980	7322	66.68	953958	159561	16.73	1229205	250985	20.42
September	10515	8261	78.56	957668	204268	21.33	1239287	293010	23.64
October	10835	8328	76.86	973292	241131	24.77	1257520	334898	26.63
November	11145	8911	79.96	970197	236611	24.39	1259103	286624	22.76
December	10452	7372	70.53	960705	219380	22.84	1244198	300350	24.14