



DESC: NDM Sample Update

Up to 73,200 kWh: AMRs

Above 73,200 kWh: Data Loggers & AMRs

17th November 2015

NDM Sample: AMRs (up to 73,200 kWh) Actual vs Target (as of October 2015)

LDZ	Target AMR Sample Size	ACTUAL AMR Sample Size			Difference (as at Oct 2015)		Battery Progress
		Oct 2013	Oct 2014	Oct 2015	Target	Oct 2014	
SC	245	255	259	247	2	-12	0%
NO	240	257	256	236	-4	-20	96%
NW	250	266	259	238	-12	-21	96%
NE	250	280	275	255	5	-20	98%
EM	255	285	282	283	28	1	0%
WM	250	279	273	249	-1	-24	90%
WN	0	0	0	0	0	0	n/a
WS	255	277	269	251	-4	-18	92%
EA	250	295	291	277	27	-14	98%
NT	250	271	262	248	-2	-14	98%
SE	245	261	254	234	-11	-20	65%
SO	250	295	292	273	23	-19	0%
SW	250	285	279	247	-3	-32	70%
TOTAL	2,990	3,306	3,251	3,038	48	-213	

NOTE: 'Battery Progress' indicates status of battery replacement programme

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NDM Sample: AMRs (up to 73,200 kWh) Observations and Updates

- AMR sample numbers have fallen below target in 7 LDZs
- Main reasons for reduction in numbers are:
 - Occupant requested AMR removal following notification of Battery Replacement project (accounts for 42% of all losses in past 12 months)
 - Non-loggable meter installed following a meter exchange
 - 3rd party device installed on site
- Initiatives in place to help maintain a healthy sample:
 - Xoserve assess the consumption data on a weekly basis so that potential issues can be resolved quickly (minimising data loss)
 - Continue to issue bi-monthly report to shippers listing the NDM sites which comprise the DE sample to reduce 'lost' devices
 - 'Recommend a friend' initiative to find new sample sites

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NDM Sample: Data Loggers (above 73,200 kWh)

Current Sample Size (as of October 2015)

Band	LDZ													Total	
	SC	NO	NW	NE	EM	WM	WN	WS	EA	NT	SE	SO	SW		
2*	160	143	197	154	205	169	6	107	243	245	243	199	172	2,243	47
3	234	139	178	183	208	141	20	44	232	224	294	230	141	2,268	33
4	422	239	299	328	263	288	32	76	280	347	445	323	153	3,495	74
5	292	141	175	151	174	193	17	54	107	205	189	148	77	1,923	36
6	102	47	64	62	73	70	9	24	51	59	56	55	54	726	8
7	39	12	19	35	38	27	2	10	12	10	24	17	19	264	5
8	10	4	8	10	14	17	0	5	4	8	1	10	5	96	2
9	0	0	0	0	0	1	0	0	0	0	1	1	0	3	6
Total	1,259	725	940	923	975	906	86	320	929	1,098	1,253	983	621	11,018	
	2	9	38	3	26	27	1	23	25	44	4	1	8		211

Active

- 11,018 Active Sites (increase of 1,200 since Oct 2014)

Inactive

- 211 Inactive Sites where no read data has been received in last 2 months.
- Inactive sites are investigated to determine reason (e.g. faulty equipment or site closure)




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NOTE: * Band 2 totals include both Data Loggers & AMRs
Counts per band are as per Sites & Meters AQ and NOT final validated AQs

NDM Sample: Data Loggers (above 73,200 kWh)

Difference: Active Sample (October 2015) – Target Sample

Band		LDZ													Deficit
		SC	NO	NW	NE	EM	WM	WN	WS	EA	NT	SE	SO	SW	
73.2 to 293	2*	105	88	112	99	130	89	-4	77	158	85	143	164	117	-4
293 to 732	3	124	44	28	103	78	61	0	-31	112	39	129	145	41	-31
732 to 2,196	4	-3	-31	-151	-12	-182	-47	-18	-99	-165	-133	-75	-37	-107	-1060
2,196 to 5,860	5	-128	-94	-270	-99	-166	-222	-38	-76	-168	-310	-166	-132	-163	-2032
5,860 to 14,650	6	-14	-36	-122	-42	-75	-107	-11	-37	-59	-98	-38	-30	-36	-705
14,650 to 29,300	7	5	-12	-26	-10	-26	-39	-5	-11	-19	-16	4	-18	-13	-195
29,300 to 58,600	8	-4	-12	-17	0	-11	-15	-3	-5	-4	3	-9	2	-3	-83
Deficit		-149	-185	-586	-163	-460	-430	-79	-259	-415	-557	-288	-217	-322	-4,110

- Overall, the number of active Sample sites is 4,110 below sample requirements (compared with 4,174 in Oct 2014).

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NOTE: * Band 2 totals include both Data Loggers & AMRs

NDM Sample: Data Loggers (above 73,200 kWh)

Active Sample Sites as % of Population Count

Band	LDZ												
	SC	NO	NW	NE	EM	WM	WN	WS	EA	NT	SE	SO	SW
2*	1%	2%	1%	1%	1%	1%	0.3%	2%	2%	1%	1%	1%	1%
3	5%	6%	3%	6%	5%	3%	4%	3%	7%	4%	7%	7%	5%
4	21%	26%	14%	30%	16%	16%	14%	14%	19%	12%	27%	23%	15%
5	58%	53%	32%	55%	36%	43%	32%	40%	36%	28%	54%	51%	37%
6	71%	53%	37%	64%	43%	53%	36%	48%	45%	33%	64%	62%	52%
7	80%	57%	40%	88%	50%	50%	22%	53%	32%	24%	75%	65%	51%
8	71%	33%	47%	67%	47%	71%	n/a	83%	33%	80%	25%	56%	56%

- Table shows % of all available sites which make up the sample
- Target numbers across the higher bands in some LDZs become more unrealistic as population falls
- Fewer available sites in higher bands due to de-aggregations and annual reductions in AQs

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Data Loggers (above 73,200 kWh) Observations and Updates

- Xoserve working with Transporters to address sample deficits
 - Quarterly report is sent to Transporters with details of all active and in-active sites
 - Xoserve provides lists of potential new sites to support Transporters' installation programmes, upon request
- Approximately 450 new loggers installed since last DESC update in November 2014
- Terminations continue to be primarily due to site closures / meter removals
- Continue to work with Transporters' service providers to investigate inactive sites – either via termination OR bringing back on line
- Additional shipper sample data provided to Xoserve to potentially 'top-up' the sample – awaiting outcome of action DTW0901

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