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DESC: NDM Sample Update

Up to 73,200 kWh: AMRs
Above 73,200 kWh: Data Loggers & AMRs

17th November 2014

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

Actual Sample vs Target Sample (as of October 2014)

LDZ	Target AMR Sample Size	ACTUAL AMR Sample Size			Difference (as at Oct 2014)	
		Nov 2012	Oct 2013	Oct 2014	Target	Oct 2013
SC	245	265	255	259	+14	+4
NO	240	269	257	256	+16	-1
NW	250	264	266	259	+9	-7
NE	250	282	280	275	+25	-5
EM	255	284	285	282	+27	-3
WM	250	286	279	273	+23	-6
WN	0	0	0	0	0	0
WS	255	280	277	269	+14	-8
EA	250	300	295	291	+41	-4
NT	250	275	271	262	+12	-9
SE	245	272	261	254	+9	-7
SO	250	301	295	292	+42	-3
SW	250	291	285	279	+29	-6
TOTAL	2,990	3,369	3,306	3,251	+261	-55

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

- Overall numbers of AMR population remain above target
- Main reasons for reduction in numbers are:
 - Non-loggable meter installed following a meter exchange
 - 3rd party device installed on site
 - Occupant requested removal of AMR
- 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
 - Continue to issue bi-monthly report to shippers listing the NDM sites which comprise the DE sample in order to minimise data loss
 - Where possible 'reserve' equipment is being re-attached to the new meter, following meter exchange
 - Continued assistance of DESC members in helping to reduce the 'losses' is welcomed

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NDM Sample: Data Loggers (above 73,200 kWh) Current Sample Size (as of October 2014)

Band	LDZ													Total	
	SC	NO	NW	NE	EM	WM	WN	WS	EA	NT	SE	SO	SW		
2*	128	122	156	138	150	130	4	97	141	169	160	132	131	1,658	33
3	184	86	122	125	161	119	13	32	167	159	221	141	100	1,630	27
4	394	173	315	238	276	281	27	83	281	354	427	303	150	3,302	53
5	294	111	192	128	187	207	18	53	142	253	226	154	100	2,065	18
6	110	54	77	59	78	85	10	30	54	69	58	56	56	796	13
7	45	10	20	35	44	23	2	11	16	11	21	20	17	275	8
8	8	5	8	6	14	18	0	3	4	6	3	7	3	85	0
9	0	0	1	0	2	0	0	1	1	0	0	2	0	7	2
Total	1,163	561	891	729	912	863	74	310	806	1,021	1,116	815	557	9,818	
	7	41	2	61	4	2	5	18	0	0	3	3	8		154

Active

- 9,818 Active Sites (-542 since Oct '13)

Inactive

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

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




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

Difference: Active Sample Size (October 2014) – Target Sample Size

Band		LDZ													Deficit
		SC	NO	NW	NE	EM	WM	WN	WS	EA	NT	SE	SO	SW	
73.2 to 293	2*	73	67	71	83	75	50	-6	67	56	9	60	97	76	-6
293 to 732	3	74	-9	-28	45	31	39	-7	-43	47	-26	56	56	0	-113
732 to 2,196	4	-31	-97	-135	-102	-169	-54	-23	-92	-164	-126	-93	-57	-110	-1253
2,196 to 5,860	5	-126	-124	-253	-122	-153	-208	-37	-77	-133	-262	-129	-126	-140	-1890
5,860 to 14,650	6	-6	-29	-109	-45	-70	-92	-10	-31	-56	-88	-36	-29	-34	-635
14,650 to 29,300	7	11	-14	-25	-10	-20	-43	-5	-10	-15	-15	1	-15	-15	-187
29,300 to 58,600	8	-6	-11	-17	-4	-11	-14	-3	-7	-4	1	-7	-1	-5	-90
Deficit		-169	-284	-567	-283	-423	-411	-91	-260	-372	-517	-265	-228	-304	-4,174

- Active Sample is 4,174 (3,619 in Oct'13) Supply Points below sample requirements.

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

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

Current Target Numbers as % of Overall Population Count

Band	LDZ												
	SC	NO	NW	NE	EM	WM	WN	WS	EA	NT	SE	SO	SW
2	0.4%	0.6%	0.4%	0.5%	0.4%	0.5%	0.5%	0.6%	0.6%	0.6%	0.5%	0.3%	0.5%
3	2.5%	4.0%	3.0%	2.9%	3.2%	2.0%	4.4%	5.9%	3.5%	3.2%	3.9%	2.7%	3.9%
4	20.6%	27.1%	20.3%	29.8%	26.1%	18.5%	21.3%	30.0%	29.0%	16.4%	28.4%	24.4%	23.4%
5	77.9%	91.8%	77.1%	79.1%	68.7%	83.3%	100.0%	91.5%	75.8%	68.9%	85.3%	77.8%	94.1%
6	68.6%	88.3%	105.7%	104.0%	82.2%	124.6%	83.3%	101.7%	94.8%	74.1%	92.2%	91.4%	78.9%
7	70.8%	85.7%	72.6%	90.0%	97.0%	132.0%	70.0%	123.5%	96.9%	65.0%	69.0%	129.6%	118.5%
8	82.4%	177.8%	138.9%	111.1%	78.1%	133.3%	n/a	125.0%	72.7%	31.3%	200.0%	61.5%	160.0%



• Target number represents less than 75% of overall population.



• Target number represents between 75% & 100% of overall population.



• Target number represents more than 100% of overall population.

Target numbers for the higher bands in some LDZs become more unrealistic as population falls due to the general 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 has provided lists of potential new sites to support Transporters installation programmes
- Approximately 160 new loggers installed since last DESC update in November 2013
- 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 recently provided to Xoserve to potentially ‘top-up’ the sample – other shippers also invited to contribute

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