



DESC Update: NDM Sample Numbers

DESC 10th November 2009



Data recorders <73,200 kwh

NDM Sample: Data Recorders (0-73.2MWh)

Difference – Required : Actual Sample : November 2009

At Nov' 2009 – Not validated counts

LDZ	Target Recorder Sample Size	ACTUAL Recorder Sample Size			Difference: Nov '09	
		1 st Nov 2008	March 2009 Pre collection	1 st Nov 2009	Target	Mar '09
SC	245	288	288	274	+29	-14
NO	240	275	275	264	+24	-11
NW / WN	250	273	271	256	+6	-15
NE	250	304	304	294	+44	-10
EM	255	295	297	293	+38	-4
WM	250	287	286	272	+22	-14
WS	255	289	295	289	+34	-6
EA	250	293	294	286	+36	-8
NT	250	284	284	276	+26	-8
SE	245	284	282	272	+27	-10
SO	250	287	287	287	+37	0
SW	250	288	288	278	+28	-10
TOTAL	2,990	3,447	3,451	3,341	+351	-110

Datarecorders: Observations & Update

- Overall numbers of data recorder population remain healthy
- Main reason for reduction in numbers is 'lost' datarecorders on the event of a meter exchange:
 - Where possible 'reserve' equipment is being re-attached to new meter
 - Internal report developed by xoserve during 2009 to minimise data loss should hopefully ensure validation failures are kept to a minimum (approx. 100)
 - Continued assistance of DESC members in helping to reduce the 'losses' is welcomed
 - DESC members contacted recently with details of losses discovered during Autumn collection
- Update: Replacement of current data recorder equipment with new AMR technology
 - Discussing options with a number of potential service providers
 - Maintain ongoing integrity of sample whilst realising benefits of an automated solution
 - Further update will be provided at January DESC meeting



Data loggers >73,200 kwh

NDM Sample: Datalogger Supply Points (>73.2 MWh) Active Current Sample Size – November 2009

Active Sites : Inactive Sites (not included in counts) where no consumption or reads in 2 months

Band	LDZ													Total	
	SC	NO	NW	NE	EM	WM	WN	WS	EA	NT	SE	SO	SW		
2	74	79	146	75	131	134	9	41	107	182	136	76	98	1,288	215
3	147	120	152	119	170	106	21	78	143	169	224	121	106	1,676	34
4	423	262	368	365	365	328	49	159	351	435	507	334	232	4,178	35
5	361	190	334	192	248	298	47	89	189	319	293	224	167	2,951	20
6	85	73	98	79	100	112	17	38	72	102	73	61	61	971	6
7	26	16	32	31	34	33	2	14	25	15	22	23	20	293	3
8	4	5	6	10	14	20	0	7	2	3	6	6	5	88	2
9	2	0	4	0	2	1	0	1	0	3	0	0	0	13	2
Total	1,122	745	1,140	871	1,064	1,032	145	427	889	1,228	1,261	845	689	11,458	
	27	13	30	23	31	31	4	20	26	33	44	20	15		317

ACT

- 11,458 Active Sites (+ 225 since May '09)

INACT

- 317 Inactive Sites where no consumption/read has been received in last 2 months
 - Instances investigated to determine faulty equipment or site closure

NOTE: Counts per band are as per Sites & Meters AQ and NOT final validated AQs

NDM Sample: Datalogger Supply Points (>73.2 MWh) Comparison: ACTIVE Current Sample – Required Sample

Band		LDZ													Deficit
		SC	NO	NW	NE	EM	WM	WN	WS	EA	NT	SE	SO	SW	
73.2 To 293	2	19	24	61	20	56	54	-1	11	22	22	36	41	43	-1
293 to 732	3	37	25	2	39	40	26	1	3	23	-16	59	36	6	-16
732 to 2,196	4	-2	-8	-82	25	-80	-7	-1	-16	-94	-45	-13	-26	-28	-402
2,196 to 5,860	5	-59	-45	-111	-58	-92	-117	-8	-41	-86	-196	-62	-56	-73	-1004
5,860 to 14,650	6	-31	-10	-88	-25	-48	-65	-3	-23	-38	-55	-21	-24	-29	-460
14,650 to 29,300	7	-8	-8	-13	-14	-30	-33	-5	-7	-6	-11	2	-12	-12	-159
29,300 to 58,600	8	-10	-11	-19	0	-11	-12	-3	-3	-6	-2	-4	-2	-3	-86
Deficit		-110	-82	-313	-97	-261	-234	-21	-90	-230	-325	-100	-120	-145	-2,128

- Active Sample is 2,128 (2,081 May'09) Supply Points below sample requirements (Bands 4 to 8)

Dataloggers: Observations & Update

- xoserve working with Transporters to address sample deficits
- Since last DESC update in June '09 xoserve has seen a number of new commissions (approx 280 new loggers installed)
 - Deficit in Bands 2 to 5 has decreased
- NDM sample numbers based on Sites & Meters AQ and not final validated AQ, therefore:
 - Each October the revised AQs are generally downward thus
 - Changing the 'make-up' of the NDM sample
 - Target numbers in bands 6, 7 and 8 become more unrealistic as population falls below
- Terminations continue to be primarily due to site closures
- Continue to work with Transporters service providers to investigate inactive sites – either via termination OR bringing back on line
- xoserve monitor & inform Transporters of sample on quarterly basis
- UNC Modification 258/258A offers another potential option for Transporters...