



DESC Update: NDM Sample Numbers

DESC 4th June 2010

NDM Sample: Data Recorders (0-73.2MWh)

Difference – Required : Actual Sample : March 2010

At 17th March 2010 – Not validated counts

LDZ	Target Recorder Sample Size	ACTUAL Recorder Sample Size			Difference: Mar 10	
		17 th Mar 2009	1 st Nov 2009	17 th Mar 2010	Target	Nov '09
SC	245	288	274	269	+24	-5
NO	240	275	264	266	+26	+2
NW / WN	250	271	256	254	+4	-2
NE	250	304	294	291	+41	-3
EM	255	297	293	292	+37	-1
WM	250	286	272	273	+23	+1
WS	255	295	289	282	+27	-7
EA	250	294	286	293	+43	+7
NT	250	284	276	267	+17	-9
SE	245	282	272	274	+29	+2
SO	250	287	287	287	+37	0
SW	250	288	278	283	+33	+5
TOTAL	2,990	3,451	3,341	3,331	+341	-10

NDM Sample: Data recorders: Observations & Update

- Overall numbers of data recorder population remain healthy
- Validated numbers for Spring 10 were high helping produce robust models
- Unfortunately issue of 'lost' data recorders in the event of a meter exchange is continuing
 - Contact details are provided on equipment, however despite this 55 data recorders have been lost so far during 2010
 - Any assistance DESC members can provide in reducing these 'losses' would be welcomed
 - Demand Estimation sample report now issued to shippers on monthly basis in order to help Transporters maintain overall numbers
 - Details of losses/ individual sites are now provided to shippers at the end of each collection
- Work ongoing with regards to replacement of current data recorder equipment with new AMR technology

NDM Sample: Datalogger Supply Points (>73.2 MWh) Active Current Sample Size at 17/05/10

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	68	75	133	68	124	127	9	35	105	184	129	72	89	1,218	401
3	140	149	143	135	160	98	22	75	139	163	207	114	103	1,648	141
4	409	267	349	370	358	329	45	143	350	422	473	318	226	4,059	184
5	347	184	329	184	240	292	43	82	188	311	281	213	162	2,856	99
6	85	71	96	71	101	106	17	34	69	104	74	65	62	955	24
7	23	16	31	32	34	30	2	13	26	15	20	24	17	283	6
8	4	4	6	9	14	18	0	7	1	4	4	6	5	82	5
9	2	0	2	0	2	1	0	1	0	2	0	0	0	10	2
Total	1,078	766	1,089	869	1,033	1,001	138	390	878	1,205	1,188	812	664	11,111	
	69	56	103	64	96	13	46	62	70	78	71	60	74		862

ACT

- 11,111 Active Sites (- 347 since Nov'09)

INACT

- 862 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	13	20	48	13	49	47	-1	5	20	24	29	37	34	-1
293 to 732	3	30	54	-7	55	30	18	2	0	19	-22	42	29	3	-29
732 to 2,196	4	-16	-3	-101	30	-87	-6	-5	-32	-95	-58	-47	-42	-34	-526
2,196 to 5,860	5	-73	-51	-116	-66	-100	-123	-12	-48	-87	-204	-74	-67	-78	-1,099
5,860 to 14,650	6	-31	-12	-90	-33	-47	-71	-3	-27	-41	-53	-20	-20	-28	-476
14,650 to 29,300	7	-11	-8	-14	-13	-30	-36	-5	-8	-5	-11	0	-11	-15	-167
29,300 to 58,600	8	-10	-12	-19	-1	-11	-14	-3	-3	-7	-1	-6	-2	-3	-92
Deficit		-141	-86	-347	-113	-275	-250	-29	-118	-235	-349	-147	-142	-158	-2,390

- Active Sample is 2,390 (2,128 Nov09) Supply Points below sample requirements (Bands 4 to 8)

NDM Sample: Data loggers: Observations & Update

- Terminations primarily due to site closures
- Inactive sites are also being terminated OR being brought back on line
- xoserve working with Transporters to address sample deficits
- xoserve monitor & inform Transporters of sample on quarterly basis
- DESC may need to review target numbers at the higher band if continue to become unrealistic
- National Grid Distribution have provided some feedback on efforts made during 2009.....

NDM Sample: National Grid Distribution Update

- Following represents update from NGD on efforts made to boost sample numbers:
 - Potential sites for sample identified (provided by xoserve) - details of the sites included the address and shipper details.
 - NGD wrote to shippers to make them aware of the AMR installation programme. Shipper support was requested in line with obligations under Uniform Network Code.
 - A number of sites were selected, according to the EUC band, and the corresponding details were sent to the shipper
 - The shipper was asked to provide the contact name and telephone number of the end user at that site

NDM Sample: National Grid Distribution Update

- When the shipper returned the contact details, a letter was sent to the consumer informing them of the programme and asking for their assistance to facilitate installation of an AMR device
- Although consumers were contacted by post, this was followed up by a phone call so an appropriate time and date could be arranged for the installation work to be carried out
- Issues encountered:
 - Of the 2265 contact details requested from shippers 1237 were returned.
 - To date approximately 600 calls have been made and the majority of consumers have refused the installation work being carried out however some jobs have had to be aborted as the installation work could not be carried out.
 - 40 installation jobs have been completed so far and there is a potential that 100 devices could be installed.

NDM Sample: DM Elective

- DM Elective for Bands 6 to 8 due to go 'live' in November 2010
- Implementation of a DM Elective solution will allow Shippers to submit Daily Metered (DM) reads for eligible sites within their portfolio
- DESC agreed to leave sites (if they go DM elective) in sample and monitor their usage
- Scenario may occur where DME equipment is attached to site where Demand Estimation equipment is already present – important this is not disconnected
- DESC support of sample would be welcome – liaise with DME colleagues? Use shipper sample report to assist ?