



NDM Sample Reporting
DESC - 6th November 2006

NDM Sample Targets: Data Recorders (0-73.2MWh)

- Difference between Required & Actual Sample

LDZ	REQUIRED Recorder Sample Size	ACTUAL Recorder Sample Size		Difference: Nov 06 – Req. Sample	
		1 st Jan 2006	1 st Nov 2006		
SC	245	269	280	+35	(+11)
NO	240	262	261	+21	(-1)
NW / WN	250	260	267	+17	(+7)
NE	250	289	287	+37	(-2)
EM	255	274	279	+24	(+5)
WM	250	264	266	+16	(+2)
WS	255	266	270	+15	(+4)
EA	250	274	280	+30	(+6)
NT	250	280	269	+19	(-11)
SE	245	272	272	+27	(0)
SO	250	264	267	+17	(+3)
SW	250	271	268	+18	(-3)
TOTAL	2,990	3,245	3,266	+276	(+21)

Not validated counts. Validation will result in reduced sample counts : (x) indicates change from Jan06

NDM Sample Population: Data Recorders (0 - 73.2 MWh) - Current Population By Band Compared to Market Total

LDZ	INSTALLED SAMPLE Distribution (01/11/06)				
	0-10 MWh	10-20 MWh	20-30 MWh	30-73.2 MWh	Total
SC	15%	34%	29%	22%	100%
NO	11%	37%	33%	19%	100%
NW/WN	17%	39%	26%	18%	100%
NE	15%	40%	30%	16%	100%
EM	15%	41%	28%	17%	100%
WM	16%	39%	27%	18%	100%
WS	13%	38%	30%	19%	100%
EA	17%	39%	30%	15%	100%
NT	18%	36%	26%	20%	100%
SE	18%	39%	25%	18%	100%
SO	16%	44%	25%	15%	100%
SW	18%	45%	23%	14%	100%
TOTAL	16%	39%	28%	18%	100%

Total Market Supply Point Distribution (01/11/06)				
0-10 MWh	10-20 MWh	20-30 MWh	30-73.2 MWh	Total
17%	39%	28%	16%	100%
14%	42%	32%	13%	100%
17%	41%	28%	13%	100%
17%	41%	28%	14%	100%
16%	42%	30%	13%	100%
17%	42%	28%	12%	100%
15%	42%	30%	12%	100%
17%	44%	26%	12%	100%
24%	38%	24%	14%	100%
21%	41%	24%	14%	100%
18%	45%	25%	11%	100%
22%	47%	22%	9%	100%
18%	42%	27%	13%	100%

NDM Sample Population: Data Recorders (0 - 73.2 MWh)

– Current Population By Band Compared to Market

LDZ	Band % Difference From Market (01/11/06)				
	0–10 MWh	10–20 MWh	20–30 MWh	30–73.2 MWh	Total
SC	-2%	-5%	1%	6%	-
NO	-3%	-5%	1%	6%	-
NW/WN	0%	-2%	-2%	5%	-
NE	-2%	-1%	2%	2%	-
EM	-1%	-1%	-2%	4%	-
WM	-1%	-3%	-1%	6%	-
WS	-2%	-4%	0%	7%	-
EA	0%	-5%	4%	3%	-
NT	-6%	-2%	2%	6%	-
SE	-3%	-2%	1%	4%	-
SO	-2%	-1%	0%	4%	-
SW	-4%	-2%	1%	5%	-
TOTAL	-2%	-3%	1%	5%	-

NDM Sample Population: Data Recorders (0 - 73.2 MWh) – 2005 Population By Band Compared to Market Total

LDZ	Band % Difference From Market (01/12/05)				
	0–10 MWh	10–20 MWh	20–30 MWh	30–73.2 MWh	Total
SC	-1.1%	-2.8%	+0.7%	+3.1%	-
NO	-0.5%	-3.2%	-0.9%	+4.5%	-
NW/WN	-0.7%	+0.8%	-1.8%	+1.6%	-
NE	-3.3%	+2.4%	+3.1%	-2.2%	-
EM	-1.8%	+2.4%	0.0%	-0.7%	-
WM	+0.4%	-2.7%	+0.3%	+3.5%	-
WS	-0.3%	-1.4%	+2.2%	-0.5%	-
EA	+2.3%	-4.4%	+3.9%	-1.8%	-
NT	-5.4%	+0.3%	+2.2%	+2.8%	-
SE	-1.7%	-2.4%	+3.4%	+0.5%	-
SO	-2.5%	+4.6%	-2.0%	-0.1%	-
SW	-2.8%	-2.0%	+3.1%	+1.7%	-
TOTAL	-1.5%	-0.6%	+1.2%	+1.0%	-

NDM Sample Targets: Data Recorders (0-73.2MWh)

- Observations

- Excess of installed Data Recorders in all LDZ's
- Ongoing replacements to maintain sample numbers & align to market population
- Where termination occurs, bands where sample count is below population receive commissions
- 2006 validated counts expected to be similar to 2005
- 450 terminations occurred during 2006:
 - Increase of 150 from 2005, primarily due to...
 - Continuing Issue – Shipper meter replacements resulting in non-loggable meters being fitted (321)
 - All terminations are replaced with new sites
- Autumn collection (01/04 to 30/09) completed 1st November

NDM Sample Targets: Data Loggers (>73.2 MWh)

- Current Sample Size Requirements

Consumption Range (MWh pa) & Band		LDZ													Total
		SC	NO	NW	NE	EM	WM	WN	WS	EA	NT	SE	SO	SW	
73.2 To 293	2	55	55	85	55	75	80	10	30	85	160	100	35	55	870
293 to 732	3	110	95	150	80	130	80	20	75	120	185	165	85	100	1395
732 to 2,196	4	425	270	450	340	445	335	50	175	445	480	520	360	260	4560
2,196 to 5,860	5	420	235	445	250	340	415	55	130	275	515	355	280	240	3960
5,860 to 14,650	6	116	83	186	104	148	177	20	61	110	157	94	85	90	1431
14,650 to 29,300	7	34	24	45	45	64	66	7	21	31	26	20	35	32	450
29,300 to 58,600	8	14	16	25	10	25	32	3	10	8	5	10	8	8	174
58,600+	9	ALL SUPPLY POINTS													
Total		1174	778	1386	884	1227	1185	165	502	1074	1528	1264	888	785	12840

Band 6/7/8 reduced as per agreement via DESC – high percentage of total market

NDM Sample Targets:Data Loggers (>73.2 MWh)

- Current Sample Size 01/11/06

Consumption Range (MWh pa) & Band		LDZ													Total
		SC	NO	NW	NE	EM	WM	WN	WS	EA	NT	SE	SO	SW	
73.2 To 293	2	78	70	121	60	101	105	9	40	108	194	130	50	76	1142
293 to 732	3	109	94	150	96	141	104	16	78	144	179	190	110	96	1507
732 to 2,196	4	406	249	426	300	406	328	51	175	404	471	486	356	264	4322
2,196 to 5,860	5	370	205	374	226	302	371	53	109	222	404	282	224	188	3330
5,860 to 14,650	6	96	75	160	90	113	136	20	51	106	134	85	74	84	1224
14,650 to 29,300	7	35	24	37	37	53	53	5	17	24	19	13	32	30	379
29,300 to 58,600	8	7	11	12	10	24	27	2	8	6	3	6	5	5	126
58,600+	9	ALL SUPPLY POINTS													
Total		1101	728	1280	819	1140	1124	156	478	1014	1404	1192	851	741	12030

NDM Sample Targets:Data Loggers (>73.2 MWh) Difference (Required & Actual Sample)

Consumption Range (MWh pa) & Band		LDZ													Deficit
		SC	NO	NW	NE	EM	WM	WN	WS	EA	NT	SE	SO	SW	
73.2 To 293	2	+23	+15	+36	+5	+26	+25	-1	+10	+23	+34	+30	+15	+21	-1
293 to 732	3	-1	-1	0	+16	+11	+24	-4	+3	+24	-6	+25	+25	-4	-16
732 to 2,196	4	-19	-21	-24	-40	-39	-7	+1	0	-41	-9	-34	-4	+4	-238
2,196 to 5,860	5	-50	-30	-71	-24	-38	-44	-2	-21	-53	-111	-73	-56	-52	-625
5,860 to 14,650	6	-20	-8	-26	-14	-35	-41	0	-10	-4	-23	-9	-11	-6	-207
14,650 to 29,300	7	+1	0	-8	-8	-11	-13	-2	-4	-7	-7	-7	-3	-2	-72
29,300 to 58,600	8	-7	-5	-13	0	-1	-5	-1	-2	-2	-2	-4	-3	-3	-48
58,600+	9	ALL SUPPLY POINTS													
Deficit		-97	-65	-142	-86	-124	-110	-10	-37	-107	-158	-127	-77	-67	-1207

NDM Sample Targets: Data Loggers (> 73.2MWh)

- Sample Count Observations

- Sample figures have fallen since Nov 2005 (-498)
- High volume of Terminations, low volume of Commissions
- Sample count is still sufficient for analysis but requires increasing

- Network installation programme's are being initiated
- New potential Supply Points have been identified to aid installation programmes

NDM Sample Population: Data Loggers (>73.2 MWh)

- Population By Band as % of Total Market Population

Consumption Band (MWh)		NDM Market Population	Validated Sample Numbers			% Market Population		
			Autumn05	Spring06	Autumn06 (summer only)	Autumn05	Spring06	Autumn06
02	73.2-293	305,818	1,194	1,228	1,431	0.4%	0.4%	0.5%
03	293-732	56,847	1,294	1,326	1,348	2%	2%	2%
04	732-2196	24,911	4,066	4,069	4,106	16%	16%	16%
05	2196-5860	6,315	3,361	3,257	3,192	53%	52%	52%
06	5860-14650	2,273	1,272	1,229	1,181	56%	54%	52%
07	14650-29300	489	420	410	351	86%	84%	72%
08	29300-58600	253	219	208	126	87%	82%	50%
09	58600+	31 (NDM)	164	136			-	
TOTAL		396,837	11,990	11,863	11,735	3%	3%	3%

Autumn 06: Initial Validation only - Note: Market Population as at 01/11/06

NDM Sample Targets: Data Loggers (> 73.2MWh)

- Population Comparison Observations

- Validated counts for Spring 2006 are comparable with Spring 2005
- Reduction of 128 Data Loggers is:
 - More prominent in larger banding BUT still high percentage of population
 - Program of terminations appears to have removed erroneous loggers (would have been removed at validation stage)
- Bands 7 and 8 have reduced – Levels of aggregation requirements will remain similar to previous years
- Bands 6, 7 and 8 continue to reflect a high percentage of the actual population
- Installation programmes are ongoing for all bands to boost and maintain counts