



# DESC Update: NDM Sample Numbers

DESC 5<sup>th</sup> June 2009

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

## Difference – Required : Actual Sample : March 2009

*At 17<sup>th</sup> March 2009 – Not validated counts*

LDZ	Target Recorder Sample Size	ACTUAL Recorder Sample Size			Difference: Mar 09	
		17 <sup>th</sup> Mar 2008	1 <sup>st</sup> Nov 2008	17 <sup>th</sup> Mar 2009	Target	Nov '08
SC	245	277	288	288	+43	0
NO	240	275	275	275	+35	0
NW / WN	250	275	273	271	+21	-2
NE	250	289	304	304	+54	0
EM	255	287	295	297	+42	+2
WM	250	282	287	286	+36	-1
WS	255	278	289	295	+40	+6
EA	250	288	293	294	+44	+1
NT	250	279	284	284	+34	0
SE	245	275	284	282	+37	-2
SO	250	278	287	287	+37	0
SW	250	278	288	288	+38	0
<b>TOTAL</b>	<b>2,990</b>	<b>3,361</b>	<b>3,447</b>	<b>3,451</b>	<b>+461</b>	<b>+4</b>

# Datarecorders: Observations & Update

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- Overall numbers of datarecorder population remain healthy
- Validated numbers for Spring 09 were high helping produce robust models
- Unfortunately issue of 'lost' datarecorders in the event of a meter exchange is continuing
- Contact details are provided on equipment, however despite this 56 datarecorders have been lost so far during 2009
- Any assistance DESC members can provide in reducing these 'losses' would be welcomed
- Discussions ongoing with regards to replacement of current datarecorder equipment with new AMR technology (as mentioned at November '08 DESC)

# NDM Sample: Datalogger Supply Points (>73.2 MWh) Active Current Sample Size at 21/05/09

*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	70	71	121	66	114	108	8	37	102	171	125	66	90	1,149	237
3	142	98	162	97	143	109	19	76	131	168	186	124	95	1,550	82
4	431	252	364	277	384	315	49	165	369	435	528	325	239	4,133	107
5	346	159	352	184	264	309	49	92	191	342	247	235	179	2,949	38
6	91	65	113	81	104	122	16	43	78	101	81	72	63	1,030	14
7	32	18	32	26	35	41	2	17	26	15	15	22	23	304	3
8	5	11	8	9	19	25	0	7	2	2	6	7	6	107	3
9	2	0	3	1	1	1	0	1	0	2	0	0	0	11	2
Total	1,119	674	1,155	741	1,064	1,030	143	438	899	1,236	1,188	851	695	11,233	
	47	17	39	38	37	39	8	33	40	42	86	35	25		486

ACT

- 11,233 Active Sites (-296 since Nov'08)

INACT

- 486 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	15	16	36	11	39	28	-2	7	17	11	25	31	35	-2
293 to 732	3	32	3	12	17	13	29	-1	1	11	-17	21	39	-5	-23
732 to 2,196	4	6	-18	-86	-63	-61	-20	-1	-10	-76	-45	8	-35	-21	-436
2,196 to 5,860	5	-74	-76	-93	-66	-76	-106	-6	-38	-84	-173	-108	-45	-61	-1,006
5,860 to 14,650	6	-25	-18	-73	-23	-44	-55	-4	-18	-32	-56	-13	-13	-27	-401
14,650 to 29,300	7	-2	-6	-13	-19	-29	-25	-5	-4	-5	-11	-5	-13	-9	-146
29,300 to 58,600	8	-9	-5	-17	-1	-6	-7	-3	-3	-6	-3	-4	-1	-2	-67
Deficit		-110	-123	-282	-172	-216	-213	-22	-73	-203	-305	-130	-107	-125	-2,081

- Active Sample is 2,081 (1,938 Nov08) Supply Points below sample requirements (Bands 4 to 8)

# NDM Sample: Datalogger Supply Points (>73.2 MWh) Target Number greater than Market Population

Band		LDZ													Deficit
		SC	NO	NW	NE	EM	WM	WN	WS	EA	NT	SE	SO	SW	
73.2 To 293	2	15	16	36	11	39	28	-2	7	17	11	25	31	35	-2
293 to 732	3	32	3	12	17	13	29	-1	1	11	-17	21	39	-5	-23
732 to 2,196	4	6	-18	-86	-63	-61	-20	-1	-10	-76	-45	8	-35	-21	-436
2,196 to 5,860	5	-74	-76	-93	-66	-76	-106	-6	-38	-84	-173	-108	-45	-61	-1,006
5,860 to 14,650	6	-25	-18	-73	-23	-44	-55	-4	-18	-32	-56	-13	-13	-27	-401
14,650 to 29,300	7	-2	-6	-13	-19	-29	-25	-5	-4	-5	-11	-5	-13	-9	-146
29,300 to 58,600	8	-9	-5	-17	-1	-6	-7	-3	-3	-6	-3	-4	-1	-2	-67
Deficit		-110	-123	-282	-172	-216	-213	-22	-73	-203	-305	-130	-107	-125	-2,081

- Red indicates where sample is below the target number
- Yellow indicates where target is bigger than the population (12 bands)

# Dataloggers: Observations & Update

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- 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
- Discussions and activity has increased during 2009 from all Transporters
  - Recruitment of new sites started
    - Contact details requested from Shippers
    - Letters sent out to End Users
  - Increase seen in recent weeks of installation of new loggers across some of the Networks
- 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
- Continue to report on sample at each DESC meeting