



NDM Sample Reporting Annual Review

DESC 11th November 2008

Dataloggers >73,200 kWh

NDM Sample: Datalogger Supply Points (>73.2 MWh) Active Current Sample Size at 01/10/08

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	69	72	135	65	118	115	7	47	110	175	138	67	90	1208	210
3	144	98	161	102	147	114	21	80	141	169	208	126	96	1607	92
4	437	261	378	288	388	318	51	163	376	446	560	335	247	4248	129
5	345	169	349	187	267	315	49	95	200	343	262	237	175	2993	74
6	97	65	121	79	108	124	15	47	78	104	76	73	66	1053	20
7	31	20	31	28	34	42	3	16	24	14	11	21	22	297	9
8	5	12	8	10	21	26	1	7	2	2	5	6	7	112	3
9	1	0	3	1	1	1	0	1	0	3	0	0	0	11	4
Total	1129	697	1186	760	1084	1055	147	456	931	1256	1260	865	703	11529	
	84	17	24	45	22	28	4	20	37	42	122	54	42		541

ACT

• 11,529 Active Sites

INACT

• 541 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	14	17	50	10	43	35	-3	17	25	15	38	32	35	-3
293 to 732	3	34	3	11	22	17	34	1	5	21	-16	43	41	-4	-20
732 to 2,196	4	12	-9	-72	-52	-57	-17	1	-12	-69	-34	40	-25	-13	-360
2,196 to 5,860	5	-75	-66	-96	-63	-73	-100	-6	-35	-75	-172	-93	-43	-65	-962
5,860 to 14,650	6	-19	-18	-65	-25	-40	-53	-5	-14	-32	-53	-18	-12	-24	-378
14,650 to 29,300	7	-3	-4	-14	-17	-30	-24	-4	-5	-7	-12	-9	-14	-10	-153
29,300 to 58,600	8	-9	-4	-17	0	-4	-6	-2	-3	-6	-3	-5	-2	-1	-62
Deficit		-106	-101	-264	-157	-204	-200	-20	-69	-189	-290	-125	-96	-117	-1938

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

NDM Sample: Datalogger Supply Points (>73.2 MWh) Comparison: October 08 Sample & May 08 Sample

Band		LDZ													Gross
		SC	NO	NW	NE	EM	WM	WN	WS	EA	NT	SE	SO	SW	
73.2 To 293	2	12	-1	6	6	8	10	0	8	7	9	16	6	14	101
293 to 732	3	3	5	1	-7	2	10	3	-3	0	5	8	6	-6	27
732 to 2,196	4	27	5	-17	11	-6	-3	2	-6	-4	-2	26	-7	-12	14
2,196 to 5,860	5	-18	-11	12	-23	-6	-20	2	-4	-14	-18	-5	14	9	-82
5,860 to 14,650	6	-4	-5	-20	3	1	1	-6	-2	-1	-5	0	-1	-6	-45
14,650 to 29,300	7	7	1	1	-6	-11	-8	1	1	0	1	1	-1	0	-13
29,300 to 58,600	8	-4	0	-2	1	5	3	0	-2	-1	-1	-1	-1	1	-2
Gross		23	-6	-19	-15	-7	-7	2	-8	-13	-11	45	16	0	0

- Comparison to May 08 – last reported figures (DESC) and start of analysis period
- Scotia Gas Networks logger numbers received a healthy increase. Discussions ongoing with other Networks

NDM Sample: Dataloggers Supply Points (>73.2 MWh) Percentage of Market Population Sampled (ACTIVE Sample)

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	N/A													
293 to 732	3	3%	4%	3%	3%	3%	2%	4%	5%	4%	3%	4%	3%	3%	3%
732 to 2,196	4	19%	23%	14%	21%	19%	14%	21%	26%	21%	14%	26%	19%	19%	18%
2,196 to 5,860	5	54%	51%	49%	52%	46%	54%	66%	55%	49%	39%	58%	51%	56%	48%
5,860 to 14,650	6	61%	64%	62%	66%	60%	67%	60%	73%	60%	47%	64%	65%	67%	59%
14,650 to 29,300	7	70%	87%	62%	76%	58%	66%	43%	80%	63%	39%	61%	60%	61%	63%
29,300 to 58,600	8	63%	67%	42%	77%	70%	87%	50%	78%	29%	40%	56%	55%	71%	63%

- Bands continue to represent a high percentage of market population - particularly Bands 5-8

NDM Sample: Datalogger Supply Points (>73.2 MWh) Current Target Numbers for NDM Loggers

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	880
293 to 732	3	110	95	150	80	130	80	20	75	120	185	165	85	100	1,395
732 to 2,196	4	425	270	450	340	445	335	50	175	445	480	520	360	260	4,555
2,196 to 5,860	5	420	235	445	250	340	415	55	130	275	515	355	280	240	3,955
5,860 to 14,650	6	116	83	186	104	148	177	20	61	110	157	94	85	90	1,431
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
Total		1,174	778	1,386	884	1,227	1,185	165	502	1,074	1,528	1,264	888	785	12,840

- Red indicates where target is either bigger or the same as population
- Yellow indicates where target is over 50% of the population

NDM Sample Targets: Observations & Impacts

- Due to changing population xoserve to review current target numbers with view to discussing at January '09 DESC
- Priority of review will be to ensure modelling requirements are met
 - Allowance for validation fall out and site closures
- xoserve are actively discussing sample deficits with Networks
- Sample count is still viewed as sufficient for analysis for most bands (7 & 8 issue – always the risk more aggregation may be required)
- xoserve continue to monitor & inform Transporters of sample numbers
- Continue to report on sample at each DESC meeting

Datarecorders <73,200 kWh

NDM Sample: Data Recorders (0-73.2MWh)

Difference – Required : Actual Sample : Nov 2008

At 1st November 2007 & 2008 – Not validated counts. Spring 08 reflects final validated counts and % Fall Out from Nov 07

LDZ	Target Recorder Sample Size	ACTUAL Recorder Sample Size			Expected Spring 09 (08 Fall Out %)	Difference: Nov 08	
		1st Nov 2007	Validated Spring 08	1st Nov 2008		Target	Nov-07
SC	245	284	241 (15%)	288	245	+43	+ 4
NO	240	279	239 (14%)	275	237	+35	-4
NW / WN	250	275	222 (19%)	273	221	+ 23	-2
NE	250	315	257 (18%)	304	249	+ 54	-11
EM	255	291	220 (24%)	295	224	+ 40	+ 4
WM	250	289	244 (16%)	287	244	+ 37	-2
WS	255	287	256 (11%)	289	257	+ 34	+ 2
EA	250	300	254 (15%)	293	249	+ 43	-7
NT	250	281	227 (19%)	284	230	+ 34	+ 3
SE	245	275	230 (16%)	284	239	+ 39	+ 9
SO	250	282	247 (12%)	287	253	+ 37	+ 5
SW	250	282	238 (16%)	288	242	+ 38	+ 6
TOTAL	2,990	3,440	2875 (16%)	3,447	2,889	+457	+7

NDM Sample: Data Recorders (0 - 73.2 MWh)

Proportion of the sample by sub band by LDZ compared to proportion of market by sub band for each LDZ

LDZ	Band % Difference From Market (01/11/08) MWh			
	0-10	10-20	20-30	30-73.2
SC	-2%	-6%	0%	8%
NO	-4%	-2%	0%	6%
NW/WN	-3%	-2%	1%	4%
NE	-3%	0%	-2%	5%
EM	-3%	-1%	-2%	6%
WM	-2%	1%	-2%	4%
WS	-4%	-3%	-3%	10%
EA	-2%	-3%	-1%	6%
NT	-9%	4%	-2%	7%
SE	-2%	0%	-2%	4%
SO	-3%	2%	-2%	4%
SW	-2%	-2%	0%	4%
TOTAL	-4%	-1%	-1%	5%

- *Less recorders in sample in lower band compared to market*

- *More recorders in sample in upper band compared to market*

- *AQ Review has resulted in a reduction in AQs highlighted in the shift to smaller bands*

Following Autumn collection:

- *Replacements will focus on move from 30 to 73.2 to 1 to 20 MWh to reflect current market*

- *Aim: Ensure sample remains robust and reflective of market population*

NDM Sample: Data Recorder Losses

- Autumn collection revealed 31 sites where data recorder was missing
- Investigation revealed all sites had a meter exchange since last collection in Spring
- In the event of a meter exchange equipment should be disconnected from the meter and left in situ
- Contact number for our sub-contractor is supplied on the data recorder
- Ideally meter installer would ring the number so we could visit the property and re-log the equipment without loss of data
- Please help us and pass this message on to your metering colleagues