

GE Energy NetDAHS®
Average Values Report
Version 58.0
Generated: 10/20/2008 11:55

Company: PSNH Schiller - Unit 5
Plant: 400 Gosling Road
City/St: Portsmouth, NH 03801
Source: Unit5

Period Start: 7/1/2008 00:00
Period End: 9/30/2008 23:59
Validation Type: 42/60 min
Averaging Period: 24 hr
Type: Block Avg

Period Start	Average nox ppm	Average nox_er_m #mmBtu	Average nox_mr_m #/hr	Average co2 %CO2	Maximum co2_mr_m tn/hr	Average stk_fl_cw kwscfh	Average mwe_1h
07/01/2008 00:00	33.0	0.055	35.6	13.03	68.0	11769	46.6
07/02/2008 00:00	33.9	0.058	36.6	12.69	67.6	11756	44.9
07/03/2008 00:00	35.8	0.061	38.7	12.73	67.8	11756	45.1
07/04/2008 00:00	37.3	0.063	40.8	13.04	68.7	11830	46.9
07/05/2008 00:00	38.3	0.064	41.8	13.01	69.2	11818	47.0
07/06/2008 00:00	37.4	0.063	40.7	13.02	68.9	11783	46.7
07/07/2008 00:00	35.8	0.060	38.9	13.03	68.5	11774	47.1
07/08/2008 00:00	29.0	0.049	31.3	12.99	68.5	11725	46.9
07/09/2008 00:00	30.6	0.052	32.8	12.89	67.8	11685	46.5
07/10/2008 00:00	35.6	0.060	38.4	13.00	68.2	11672	46.9
07/11/2008 00:00	32.1	0.055	34.0	12.93	68.7	11385	45.2
07/12/2008 00:00	36.4	0.061	39.2	13.12	69.1	11666	46.3
07/13/2008 00:00	36.4	0.061	38.7	12.95	67.4	11477	45.0
07/14/2008 00:00	34.2	0.059	36.7	12.72	66.3	11566	44.7
07/15/2008 00:00	36.7	0.063	39.9	12.80	67.6	11697	45.7
07/16/2008 00:00	38.8	0.065	42.0	12.95	67.9	11631	45.7
07/17/2008 00:00	34.7	0.059	37.7	12.97	68.1	11709	46.4
07/18/2008 00:00	35.1	0.059	38.4	12.92	68.1	11771	46.7
07/19/2008 00:00	31.5	0.054	34.2	12.86	67.7	11742	46.3
07/20/2008 00:00	33.9	0.058	37.0	12.85	68.0	11758	46.5
07/21/2008 00:00	35.2	0.060	38.3	12.79	67.5	11736	46.3
07/22/2008 00:00	32.9	0.056	36.0	12.93	68.4	11763	47.0
07/23/2008 00:00	28.3	0.048	30.7	12.94	68.5	11761	46.1
07/24/2008 00:00	24.0	0.041	25.4	12.87	67.3	11716	46.1
07/25/2008 00:00	30.1	0.051	31.6	12.85	66.6	11534	43.7
07/26/2008 00:00	30.9	0.053	32.9	12.76	66.3	11589	44.0
07/27/2008 00:00	30.8	0.054	32.9	12.45	65.6	11632	43.9
07/28/2008 00:00	37.9	0.066	40.1	12.53	64.6	11668	42.5
07/29/2008 00:00	38.5	0.067	40.2	12.63	64.7	11445	42.2
07/30/2008 00:00	35.3	0.061	36.8	12.61	64.3	11420	41.7
07/31/2008 00:00	38.1	0.067	41.3	12.50	66.3	11795	44.8

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Period End: 9/30/2008 23:59
Validation Type: 42/60 min
Averaging Period: 24 hr
Type: Block Avg

Period Start	Average nox ppm	Average nox_er_m #mmBtu	Average nox_mr_m #/hr	Average co2 %CO2	Maximum co2_mr_m tn/hr	Average stk_fl_cw kwscfh	Average mwe_1h
08/01/2008 00:00	38.7	0.067	42.1	12.53	65.9	11861	46.0
08/02/2008 00:00	38.4	0.067	42.0	12.47	66.2	11881	45.7
08/03/2008 00:00	38.4	0.068	41.9	12.35	65.9	11837	45.5
08/04/2008 00:00	38.9	0.068	42.4	12.53	66.4	11792	45.0
08/05/2008 00:00	46.3	0.101	46.5	11.78	71.8	11207	41.2
08/06/2008 00:00	39.6	0.068	44.4	12.81	69.6	12073	46.5
08/07/2008 00:00	39.4	0.068	44.0	12.68	68.5	12007	46.0
08/08/2008 00:00	34.4	0.060	37.5	12.63	67.1	11874	44.6
08/09/2008 00:00	33.3	0.057	36.6	12.74	68.2	12017	45.1
08/10/2008 00:00	33.4	0.057	36.6	12.82	68.7	11964	45.0
08/11/2008 00:00	32.2	0.055	35.2	12.75	68.5	11858	44.5
08/12/2008 00:00	44.6	0.094	43.0	11.38	66.6	10860	37.9
08/13/2008 00:00	40.1	0.071	42.8	12.35	65.7	11612	42.5
08/14/2008 00:00	35.9	0.064	38.4	12.34	64.5	11749	44.2
08/15/2008 00:00	39.0	0.068	42.2	12.45	66.2	11769	44.1
08/16/2008 00:00	38.7	0.068	42.2	12.35	65.8	11809	45.0
08/17/2008 00:00	37.8	0.068	41.3	12.23	65.4	11809	45.5
08/18/2008 00:00	38.2	0.068	41.7	12.31	65.4	11809	44.5
08/19/2008 00:00	38.6	0.091	40.1	11.14	65.7	11155	41.0
08/20/2008 00:00	40.7	0.088	42.1	11.79	67.8	11233	39.6
08/21/2008 00:00	41.9	0.071	46.5	12.94	70.8	11810	47.0
08/22/2008 00:00	38.3	0.065	42.5	12.97	70.4	11982	47.4
08/23/2008 00:00	34.5	0.058	38.6	12.89	69.9	12012	47.2
08/24/2008 00:00	37.4	0.065	42.0	12.66	69.2	12065	47.3
08/25/2008 00:00	39.0	0.067	44.2	12.64	70.1	11716	47.4
08/26/2008 00:00	36.6	0.063	41.6	12.78	70.7	12111	47.5
08/27/2008 00:00	38.3	0.065	43.7	12.87	71.3	12096	47.6
08/28/2008 00:00	37.2	0.063	41.8	12.88	71.8	11930	47.0
08/29/2008 00:00	37.8	0.065	42.8	12.80	70.6	12064	47.6
08/30/2008 00:00	36.9	0.063	41.5	12.78	70.3	12048	47.4
08/31/2008 00:00	38.9	0.067	43.9	12.62	70.2	12014	47.3

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Source: Unit5

Period Start: 7/1/2008 00:00
Period End: 9/30/2008 23:59
Validation Type: 42/60 min
Averaging Period: 24 hr
Type: Block Avg

Period Start	Average nox ppm	Average nox_er_m #mmBtu	Average nox_mr_m #/hr	Average co2 %CO2	Maximum co2_mr_m tn/hr	Average stk_fl_cw kwscfh	Average mwe_lh
09/01/2008 00:00	40.2	0.077	44.0	12.16	70.4	11698	44.0
09/02/2008 00:00	36.8	0.062	41.3	12.90	71.1	11926	46.5
09/03/2008 00:00	N/A	N/A	N/A	N/A	N/A	12089	47.2
09/04/2008 00:00	N/A	N/A	N/A	N/A	N/A	12143	47.5
09/05/2008 00:00	40.5	0.069	46.5	12.88	74.1	12099	47.6
09/06/2008 00:00	39.7	0.068	45.5	12.70	70.7	12176	47.5
09/07/2008 00:00	38.7	0.067	44.6	12.60	70.7	12172	47.2
09/08/2008 00:00	34.5	0.070	37.7	12.11	70.6	11779	44.1
09/09/2008 00:00	34.3	0.059	38.7	12.62	69.5	12112	44.8
09/10/2008 00:00	38.5	0.071	42.2	12.26	68.8	11784	44.5
09/11/2008 00:00	36.7	0.064	41.9	12.59	71.2	12233	45.7
09/12/2008 00:00	37.4	0.065	43.9	12.56	71.8	12547	45.2
09/13/2008 00:00	27.1	0.048	31.3	12.37	71.0	12486	44.3
09/14/2008 00:00	36.3	0.066	41.2	12.11	68.3	12351	44.1
09/15/2008 00:00	31.5	0.056	36.2	12.30	70.0	12391	43.3
09/16/2008 00:00	32.5	0.058	38.1	12.46	70.7	12545	44.2
09/17/2008 00:00	35.6	0.063	41.8	12.37	70.6	12637	44.6
09/18/2008 00:00	39.2	0.069	45.8	12.45	71.2	12563	45.4
09/19/2008 00:00	38.0	0.068	44.1	12.25	71.6	12495	45.9
09/20/2008 00:00	38.1	0.068	44.9	12.19	69.7	12635	45.2
09/21/2008 00:00	37.8	0.068	44.2	12.11	68.8	12615	45.2
09/22/2008 00:00	38.3	0.068	44.7	12.21	69.6	12686	45.3
09/23/2008 00:00	37.0	0.066	43.8	12.24	69.9	12590	44.7
09/24/2008 00:00	32.9	0.059	38.7	12.20	69.7	12614	45.5
09/25/2008 00:00	32.4	0.058	37.6	12.12	69.0	12527	44.2
09/26/2008 00:00	32.9	0.060	38.0	12.06	69.3	12371	44.2
09/27/2008 00:00	31.4	0.058	35.6	11.83	66.2	12401	42.3
09/28/2008 00:00	26.1	0.049	29.8	11.69	65.2	12425	42.6
09/29/2008 00:00	30.4	0.057	33.9	11.75	65.7	12155	42.4
09/30/2008 00:00	28.5	0.052	32.8	12.05	68.0	12430	42.6
Final Average*	35.8	0.063	39.6	12.55	68.5	11932	45.2
Maximum*	46.3	0.101	46.5	13.12	74.1	12686	47.6
Minimum*	24.0	0.041	25.4	11.14	64.3	10860	37.9

*Does not include Invalid Averaging Periods ("N/A")

Final Report

Annual Compliance Test Program SR5 Boiler – Condition, Wood

Prepared for . . .

Public Service of New Hampshire
Schiller Station
Portsmouth, NH

Prepared by . . .

Eastmount Environmental Services, LLC
November 10, 2008
Project No. 08-087



Table 1-2 Compliance Emission Summary - Wood

Pollutant	Compliance Result	Limit	Units	EPA Test Method	Regulatory Citation
Hydrogen Chloride (HCL)	4.2E-04	≤0.02	lb/MMBtu	26A, 40CFR60, App. A	PSD Permit, Item 21 of Table 5
Mercury (Hg)	6.6E-07	≤0.000003	lb/MMBtu	29, 40CFR60, App. A	PSD Permit, Item 22 of Table 5
Particulate Matter (PM)	0.014	≤0.025	lb/MMBtu	5, 40CFR60, App. A	PSD Permit, Item 15 of Table 5
	0.01	≤0.01	lb/MMBtu		
	9.9	≤7.2	lb/hr		
Carbon Monoxide (CO)	0.00	≤0.10	lb/MMBtu	10, 40CFR60, App. A	PSD Permit, Item 19 of Table 5
	0	≤72	lb/hr		
Opacity	2.5	≤20	%	9, 40CFR60, App. A	PSD Permit, Item 9 of Table 5
		≤10	%		PSD Permit, Item 8 of Table 5

