Process Data

Date Time	GEN1	FLOW1	CO2 duct1	CO2 duct2	CO2 stack	SO2 duct1	SO2 duct2	SO2 stack	SO2 (high)	NOX (low)	NOX (high)	Opacity duct1	Opacity duct2	Opacity stack	NOx rate(low)	NOx rate (high)	SO2 rate duct1	SO2 rate duct2	SO2 rate stack (low)	SO2 rate stack (high)	% SO2 red'n
7/19/2011 6:00	447.9	1287.0	13.4	12.05	10.47	1776.73	2074.58	150.16	140.8	18.4	18.4	6	5.1	5.7	0.035	0.033	5.125	5.101	0.429	0.402	91.6
7/19/2011 6:01	446.6	1301.6	10.408	12.12	10.42	1772.26	2087.61	149.02	139.6	18.6	18.7	6	5.9	5.7	0.034	0.035	5.148	5.092	0.427	0.4	91.7
7/19/2011 6:02	449.6	1305.9	10.34	12.05	10.41	1782.29	2070.57	143.64	136.6	18.6	18.5	5.7	5.4	5.6	0.039	0.033	5.146	5.093	0.426	0.393	91.7
7/19/2011 6:03	448.7	1297.1	10.481	12.12	10.39	1789.57	2080.69	147.64	138.2	19.5	19.5	6.4	5.4	5.9	0.04	0.04	5.124	5.095	0.425	0.395	91.7
7/19/2011 6:04	448.6	1233	10.597	12.22	10.44	1817.83	2120.16	150.26	140.7	20.2	20.3	6.6	5.4	6	0.042	0.042	5.172	5.123	0.43	0.402	91.7
7/19/2011 6:05	450.7	1292.2	10.692	12.22	10.54	1850.79	2122.8	154.43	144.5	23.9	23.9	6.2	5.4	5.8	0.049	0.049	5.198	5.171	0.438	0.409	91.6
7/19/2011 6:06	450.1	1303.4	10.656	12.29	10.61	1842.45	2139.69	156.98	146.6	26.9	26.9	6.1	5.3	5.8	0.055	0.054	5.201	5.166	0.442	0.413	91.4
7/19/2011 6:07	451.2	1307.2	10.54	12.33	10.62	1810.1	2141.93	155.35	145.7	26.1	26.2	7	5.2	5.9	0.053	0.053	5.199	5.159	0.437	0.41	91.5
7/19/2011 6:08	450.3	1296.2	10.461	12.28	10.61	1780.6	2109.17	151.45	142.2	24.2	24.2	6.5	5.6	6	0.049	0.049	5.136	5.086	0.427	0.4	91.6
7/19/2011 6:09	449	1271.1	10.505	12.35	10.54	1790.08	2126.26	148.54	139.3	22.4	22.5	6.3	5.4	5.8	0.046	0.046	5.141	5.096	0.421	0.395	91.8
7/19/2011 6:10	448.9	1252	10.499	12.21	10.57	1794.03	2112.02	149.35	139.7	22.4	22.5	5.9	5.4	5.7	0.045	0.046	5.168	5.104	0.422	0.395	91.9
7/19/2011 6:11	448.7	1260	10.569	12.12	10.55	1774.09	2094.90	151.25	141.6	23.4	23.4	6	5.4	5.9	0.048	0.048	5.164	5.114	0.428	0.401	91.7
7/19/2011 6:12	448.6	1292.9	10.29	12.04	10.48	1757	2071.13	152.69	144.4	24	24	6	5.4	5.8	0.049	0.049	5.146	5.104	0.429	0.412	91.5
7/19/2011 6:13	447.9	1330.3	10.148	12.12	10.37	1729.94	2096.58	154.5	145	23.5	23.5	6.3	5.4	5.9	0.049	0.049	5.162	5.095	0.445	0.417	91.3
7/19/2011 6:14	448.6	1354.6	10.35	12.24	10.33	1772.66	2131.55	153.76	144	24.8	24.8	6.3	5.6	6	0.052	0.052	5.194	5.114	0.445	0.417	91.4
7/19/2011 6:15	449.5	1354.4	10.447	12.16	10.44	1805.01	2136.45	156.21	146.2	27.4	27.4	6.2	5.5	5.8	0.057	0.057	5.247	5.161	0.447	0.419	91.4
7/19/2011 6:16	449.2	1341.5	10.301	12.03	10.51	1773.28	2094.32	157.30	147.5	28.9	29	6	5.7	5.9	0.059	0.059	5.21	5.146	0.447	0.419	91.4
7/19/2011 6:17	447.5	1327.4	10.24	12.09	10.41	1749.88	2087.81	155.65	144.2	25.3	25.3	6.4	5.5	5.9	0.052	0.052	5.168	5.111	0.441	0.414	91.4
7/19/2011 6:18	447.2	1322.3	10.115	12.01	10.34	1731.97	2083.13	153.87	144.4	21.5	21.4	6.4	5.5	5.9	0.045	0.045	5.16	5.114	0.445	0.417	91.4
7/19/2011 6:19	447	1331.2	8.048	2.38	9.95	1208.91	672.2	148.75	139.9	18	18.1	6	5.2	5.7	0.038	0.028	23.395	6.912	0.445	0.419	69.7
7/19/2011 6:20	446.8	1329.8	0.146	1.25	1.08	146.28	222.98	26.12	23.3	0.9	0.9	6.5	5.3	6	0.012	0.013	29.101	40.819	1.588	1.233	49.5
7/19/2011 6:21	447.6	1331	0.019	7.82	0.07	10.98	1197.51	2.06	0.7	-0.3	-0.4	6	5.4	5.8	0	0	4.487	16.609	0.897	0.262	76.4
7/19/2011 6:22	447.2	1293.9	0.087	11.7	0.04	24.21	1960.86	0.36	-1.1	-0.2	-0.4	5.9	5.6	5.8	0	0	4.928	8.214	0.259	0	82.7
7/19/2011 6:23	447.7	1326.8	0.028	11.83	0.04	11.19	2078.98	2.44	0.7	0.6	0.5	6	5.3	5.7	0.022	0.296	5.142	13.266	1.872	0.523	63.2
7/19/2011 6:24	448.5	1312.5	0.015	11.88	0.02	4.27	2057.09	0.37	-1.1	-0.1	0	6.2	5.2	5.8	0	0.072	5.174	8.607	0.507	0	83.1
7/19/2011 6:25	449.7	1300.9	0.005	11.94	0.01	1.42	2065.43	0.01	-0.9	-0.1	0	6.3	5.2	5.7	0	0.006	5.167	3.202	0.06	0	83.1
7/19/2011 6:26	449.4	1290.9	0	11.88	0.01	0.41	2051.19	-0.01	-1.1	-0.1	0	6.2	5.2	5.7	0	0	5.164	3.039	0.02	0	83
7/19/2011 6:27	448.1	1283.2	-0.005	11.85	0	-0.41	2035.72	-0.05	-1.6	-0.1	0	5.9	5.2	5.7	0	0	5.144	0	0.1	0	82.9
7/19/2011 6:28	445.2	1294.6	-0.007	11.76	0.01	-1.22	2023.31	-0.1	-1.1	-0.1	0	6.1	5.2	5.6	0	0.036	5.111	0	0	0	82.8
7/19/2011 6:29	446.3	1298.8	1.015	2.89	0.01	449.4	712.63	-0.1	-1	-0.2	0	6.5	5.2	5.9	0	0.072	14.052	2.883	0	0	85.2
7/19/2011 6:30	448.6	1295.9	16.232	0.06	9.67	3767.5	59.81	151.69	142.2	26.7	26.9	6.5	5.3	5.9	0.174	0.175	22.88	6.823	0.597	0.521	88
7/19/2011 6:31	443.3	1308.4	16.693	0.16	16.55	4207.97	75.45	276.29	260.8	34	34.1	6.5	5.1	5.8	0.044	0.044	7.65	7.516	0.499	0.471	88.6
7/19/2011 6:32	447.9	1321.7	15.912	0.07	16.23	4094.44	15.26	276.84	261.1	33.4	33.5	6.8	5.6	6.1	0.044	0.045	6.808	7.668	0.509	0.431	88.7
7/19/2011 6:33	449	1329.5	16.466	0.04	16.52	4165.04	4.27	280.51	265.3	34.5	34.6	6	5.5	5.9	0.045	0.045	3.534	7.562	0.507	0.49	88.4
7/19/2011 6:34	447.5	1307.9	16.545	0.03	16.66	4209.8	1.83	283.61	268.2	34.7	34.8	6.2	5.6	5.9	0.045	0.045	2.025	7.604	0.509	0.481	88.5
7/19/2011 6:35	447.4	1291.2	16.601	0.03	16.66	4223.02	0.41	284.01	268.4	34.7	34.8	6.2	5.3	5.7	0.045	0.045	0.709	7.603	0.51	0.481	88.4
7/19/2011 6:36	449.8	1291.5	16.648	0.02	16.7	4228.72	-0.81	284.87	268.9	34.8	34.9	6.6	5.1	5.8	0.045	0.045	0	7.591	0.51	0.481	88.4
7/19/2011 6:37	447.9	1295.8	16.679	0.02	16.74	4236.65	-1.63	285.49	269.2	34.8	34.7	6.5	5.2	5.9	0.045	0.045	0	7.591	0.51	0.481	88.4
7/19/2011 6:38	449	1291.7	16.673	0.01	16.77	4236.45	-2.44	285.91	270.2	34.7	34.9	6.4	5.6	5.9	0.044	0.045	0	7.589	0.509	0.481	88.4
7/19/2011 6:39	450	1277.4	10.117	10.16	16.79	2952.27	2348.43	286.72	270.5	34.8	34.8	6.4	5.3	5.9	0.045	0.045	5.783	9.5	0.51	0.481	92.7
7/19/2011 6:40	447.9	1284.7	0.17	17.18	7.01	325.11	4218.05	328.33	1776.8	49.8	364	6.7	5.2	5.9	0.63	5.485	7.254	55.16	5.970	43.363	90.6
7/19/2011 6:41	448.8	1302.7	1.35	16.32	0.45	293.99	4218.95	340.75	2883.3	50	446.6	6.3	5.2	5.8	2.397	21.219	7.878	17.175	22.611	191.649	90.4
7/19/2011 6:42	448.4	1309.2	1.262	16.85	0.68	310.06	4302.58	340.75	2908.9	50	435	6.3	5	5.7	1.923	16.752	7.868	8.544	18.224	156.535	90.6
7/19/2011 6:43	448.6	1300	6.727	17.02	0.34	1016.04	4367.29	340.75	2937.2	50	447.8	6.6	5.2	5.6	3.424	30.677	7.882	4.52	32.448	280.244	92.4
7/19/2011 6:44	448.9	1303.5	10	17.03	0.2	1661.38	4328.83	340.75	2974.6	50	448.4	6.2	5.3	5.8	5.314	47.665	7.87	4.051	59.35	489.549	93
7/19/2011 6:45	443	1317.6	10.159	17.01	0.15	1725.23	4373.86	340.75	2973.2	50	449.1	6.4	5.2	5.9	7.185	61.542	7.884	5.106	68.079	594.047	90.1
7/19/2011 6:46	446	1326.7	10.207	16.52	0.12	1751.51	4233.81	340.75	2990.1	50	449.9	6.1	5.2	5.8	9.061	81.367	7.881	5.127	85.853	753.349	93.1
7/19/2011 6:47	444.4	1337.8	10.433	16.54	0.1	1806.84	4235.03	340.75	2991.7	50	449.4	6.4	5.1	5.7	11.144	100.162	7.64	5.189	105.587	927.028	93.1
7/19/2011 6:48	448.2	1335.2	10.428	16.39	0.08	1819.46	4226.48	340.75	2993.9	49.9	449.8	6.6	5.3	6	13.804	124.09	7.667	5.214	130.974	1150.95	91.2
7/19/2011 6:49	448.9	1325.5	10.277	2.98	0.06	1780.81	1757.63	340.75	2994.1	49.9	339.5	6.5	5.4	5.6	19.577	120.442	37.845	5.175	195.955	1312.599	92.5
7/19/2011 6:50	448.6	1310.7	10.314	2.92	0.01	1770.63	726.35	299.29	584.4	16.1	23.7	6	5.2	5.8	35.014	51.438	27.935	5.13	1021.132	1697.18	89.1
7/19/2011 6:51	447.6	1287.3	10.323	8.5	0.01	1770.42	1483.36	193.1	114.1	12.5	27.7	6.1	5.3	5.7	65.96	147.883	5.516	5.124	569.319	652.903	91.7
7/19/2011 6:52	447.8	1267	10.400	11.28	0.21	1770.83	1888.22	340.75	615.8	48.6	87.9	6.2	5.6	5.9	35.391	88.441	4.904	5.088	335.927	690.050	91.2
7/19/2011 6:53	445.1	1278.2	10.48	11.57	6.1	1790.57	1969.8	303.55	204.4	33.6	34.6	6.5	5.3	5.9	0.144	0.144	5.091	5.104	1.867	1.749	91.4
7/19/2011 6:54	447.3	1305.8	10.410	11.69	9.6	1789.96	2005.41	243.88	230.4	30	30.1	6.3	5.4	5.8	0.066	0.066	5.115	5.136	0.746	0.704	91.4
7/19/2011 6:55	447.1	1310.9	10.318	11.59	10.4	1769.82	1935.99	218.89	208.1	29.5	29.4	6	5.6	5.8	0.061	0.061	5.115	5.118	0.629	0.592	90.9
7/19/2011 6:56	450.8	1298.6	10.375	11.57	10.43	1766.97	1986.76	194.76	183.1	26.1	26	5.9	5.3	5.6	0.054	0.054	5.075	5.094	0.555	0.525	89
7/19/2011 6:57	447.8	1295.1	10.444	11.63	10.4	1784.87	1983.44	177.14	165.9	25.1	25.2	6.6	5.6	6	0.052	0.052	5.073	5.109	0.509	0.477	90
7/19/2011 6:58	447.9	1296.5	10.469	11.65	10.44	1790.67	1997.48	167.44	157.4	27.7	27.5	6.5	5.4	5.9	0.057	0.057	5.135	5.128	0.479	0.451	90.8
7/19/2011 6:59	448.5	1318	10.444	11.61	10.45	1802.77	1995.03	161.95	152	27.3	27.2	6.4	5.3	5.9	0.056	0.056	5.13	5.151	0.483	0.435	91
7/19/2011 7:00	450.3	1320.1	10.328	11.59	10.44	1771.04	1979.78	163.40	153.8	24.2	24.1	6.7	5.3	5.9	0.049	0.05	5.109	5.124	0.484	0.439	90.8
7/19/2011 7:01	448.6	1313.3	10.404	11.68	10.36	1794.46	2006.22	162.25	152.2	21.6	21.6	6.3	5.5	5.9	0.045	0.045	5.127	5.124	0.488	0.439	90.9
7/19/2011 7:02	448.5	1300.2	10.497	11.61	10.43	1813.15	2001.96	160.63	150.9	24.5	24.5	6.4	5.4	5.9	0.05	0.05	5.148	5.16	0.481	0.432	91
7/19/2011 7:03	450.3	1284.6	10.518	11.74	10.46	1819.46	2018.03	160.86	150.7	27	27.1	6.4	5.3	5.8	0.055	0.056	5.14	5.17	0.459	0.45	91.1
7/19/2011 7:04	447.9	1277.4	10.557	11.7	10.51	1819.46	2009.99	157.04	147.1	26.3	26.3	5.7	5.4	5.6	0.053	0.054	5.125	5.152	0.447	0.418	91.5
7/19/2011 7:05	447.5	1267.1	10.46	11.63	10.54	1801.96	1985.07	157.81	149.2	25.7	25.5	6.1	5.6	5.9	0.052	0.052	5.099	5.147	0.447	0.42	91.3
7/19/2011 7:06	448.1	1249.9	10.388	11.56	10.13	1784.93	1949.37	155.93	148.4	22.8	22.7	6.1	5.4	5.8	0.047	0.047	5.052	5.091	0.444	0.417	91.2
7/19/2011 7:07	447.5	1252.4	10.462	11.61	10.38	1780.2	1960.85	151.69	142.1	19.7	19.7	6	5.3	5.7	0.041	0.041	5.045	5.079	0.438	0.409	91.4
7/19/2011 7:08	447.8	1276	10.19	11.73	10.41	1795.66	1985.27	154.31	144.6	22.2	22.1	6.7	5.6	6.1	0.046	0.045	5.055	5.113	0.443	0.415	91.3
7/19/2011 7:09	447.3	1285.8	10.51	11.77	10.47	1800.54	2000.12	157.09	146.9	25.3	25.3	6.5	5.7	6.2	0.052	0.052	5.074	5.119	0.449	0.418	91.2
7/19/2011 7:10	447.6	1282.1	10.653	11.8	10.49	1837.56	2012.33	159.97	146	26.2	26.2	6.2	5.6	6	0.054	0.054	5.092	5.156	0.444	0.416	91.4
7/19/2011 7:11	447.9	1280.4	10.624	11.72	10.55	1830.65	2001.34	156.57	146.9	27.3	27.2	6.2	5.4	5.8	0.056	0.056	5.108	5.15	0.444	0.416	91.4
7/19/2011 7:12	448.6	1276.3	10.685	11.66	10.54	1836.35	1988.53	154.7	145	26.5	26.6	6	5.5	5.7	0.054	0.054	5.097	5.130	0.439	0.411	91.4
7/19/2011 7:13	449.4	1265	10.644	11.69	10.51	1828.21	1990.97	152.11	142.6	26.1	26.2	6	5.5	5.8	0.054	0.054	5.091	5.135	0.432	0.406	91.5
7/19/2011 7:14	448.4	1266.8	10.505	11.46	10.52	1797.99	1992.58	153.67	144.4	24.5	24.5	6.2	5.4	5.9	0.05	0.05	5.049	5.114	0.437	0.411	91.4
7/19/2011 7:15	447.9	1282.1	10.503	11.62	10.39	1782.34	1962.89	151.34	141.8	22.9	22.9	6.1	5.4	5.6	0.047	0.047	5.044	5.071	0.438	0.408	91.4
7/19/2011 7:16	448.3	1303.6	10.593	11.67	10.36	1808.27	1975.71	149.85	139.7	23	23.1	6.2	5.6	6	0.048	0.048	5.059	5.101	0.429	0.403	91.6
7/19/2011 7:17	448.5	1314.9	10.588	11.59	10.44	1811.72	1992.4	149.87	140.7	25.3	25.3	6.1	5.7	5.9	0.052	0.052	5.078	5.114	0.429	0.400	91.6
7/19/2011 7:18	447.8	1320.7	10.571	11.61	10.41	1813.15	1997.60	149.84	140	26.5	26.5	6.1	5.4	5.9	0.055	0.054	5.146	5.123	0.43	0.402	91.6
7/19/2011 7:19	450.9	1326.4	5.49	2.13	8.97	1141.76	621.95	130.06	120.9	17.6	17.5	6.4	5.4	5.9	0.039	0.039	35.447	7.736	0.451	0.418	86.1
7/19/2011 7:20	448.5	1326	0.556	1.52	0.95	181.07	276.06	39.21	35.4	1.5	1.5	6	5.5	5.9	0.157	0.165	19.563	18.908	4.445	4.007	80.7
7/19/2011 7:21	448.6	1323.7	1.087	7.63	1.99	183.11	1161.91	52.75	48.1	8.4	8.1	6.1	5.7	5.9	0.109	0.104	4.552	5.631	1.326	1.199	83.3
7/19/2011 7:22	447.4	1323.3	7.027	11.15	8.88	1071.37	1875.74	139.68	130.9	23.8	23.9	6.2	5.4	5.9	0.058	0.058	4.892	4.496	0.471	0.441	90.4
7/19/2011 7:23	449.1	1322.8	10.104	11.3	10.45	1685.25	1909.99	166.64	156.7	25.1	25	6.3	5.6	5.9	0.052	0.052	5.051	4.977	0.476	0.448	91.5
7/19/2011 7:24	448	1317.3	10.152	11.3	10.41	1723.43	1912.03	159.15	148.7	23.7	23.7	6.4	5.7	6.1	0.049	0.049	5.066	5.078	0.459	0.429	91.6

Date Time	GEN1	FLOW1	CO2 duct1	CO2 duct2	CO2 stack	SO2 duct1	SO2 duct2	SO2 stack	SO2 (high)	NOX (low)	NOX (high)	Opacity duct1	Opacity duct2	Opacity stack	NOx rate(low)	NOx rate (high)	SO2 rate duct1	SO2 rate duct2	SO2 rate stack (low)	SO2 rate stack (high)	% SO2 red'n
7/19/2011 7:25	447.5	1314.6	10.161	11.43	10.34	1721.4	1926.07	152.55	142.4	21.3	21.3	6.7	5.5	6.1	0.045	0.045	5.094	5.06	0.442	0.412	91.3
7/19/2011 7:26	448.6	1312.3	10.304	11.45	10.26	1759.03	1945.19	150.35	140.8	21.1	21.3	6.5	5.3	6	0.043	0.044	5.067	5.09	0.439	0.411	91.4
7/19/2011 7:27	445.1	1316.2	10.26	11.25	10.03	1753.33	1905.92	157.37	143.9	25.2	25.2	6.2	5.5	5.9	0.051	0.051	5.067	5.113	0.441	0.413	91.3
7/19/2011 7:28	448.3	1324.6	10.35	11.31	10.25	1763.31	1919.35	158.25	146.2	25.4	25.4	6.2	5.6	5.9	0.054	0.054	5.057	5.089	0.454	0.425	91
7/19/2011 7:29	448.6	1310.9	10.612	11.6	10.22	1824.75	1979.78	158.55	146.7	23.5	23.6	6.1	5.4	5.8	0.05	0.05	5.094	5.123	0.457	0.428	91.1
7/19/2011 7:30	448.9	1312.6	10.637	11.53	10.43	1844.46	1979.76	160.62	150	29.1	29.2	6.4	5.5	6	0.057	0.058	5.13	5.164	0.459	0.43	91.1
7/19/2011 7:31	448.5	1306.3	10.399	11.36	10.53	1798.47	1937.26	161.45	151.8	30.6	30.6	6.4	5.5	6	0.063	0.063	5.102	5.167	0.459	0.431	91.1
7/19/2011 7:32	448.2	1294.1	10.253	11.22	10.37	1755.76	1918.54	155.24	146.1	24.2	24.4	6.4	5.3	5.9	0.052	0.053	5.065	5.127	0.449	0.422	91.2
7/19/2011 7:33	449.6	1290.1	10.32	11.31	10.28	1755.57	1909.58	150.79	141.1	20.4	20.3	6.2	5.5	5.9	0.043	0.043	5.047	5.083	0.44	0.411	91.4
7/19/2011 7:34	449.4	1311.4	10.306	11.38	10.23	1751.71	1915.49	140.93	140.4	20.8	20.9	6.2	5.5	5.9	0.043	0.043	5.03	5.079	0.438	0.41	91.4
7/19/2011 7:35	447.6	1340.2	10.405	11.61	10.19	1777.95	1972.46	151.02	141.7	23	23.2	6.2	5.4	5.5	0.048	0.048	5.059	5.103	0.441	0.414	91.3
7/19/2011 7:36	447.4	1344.9	10.43	11.46	10.29	1800.94	1951.9	155.38	145.8	27.1	27	6	5.3	5.7	0.056	0.056	5.095	5.129	0.452	0.423	91.1
7/19/2011 7:37	447.7	1333.8	10.539	11.41	10.25	1808.03	1927.69	157.27	146.9	30.1	30	6.3	5.6	5.9	0.063	0.063	5.053	5.126	0.451	0.425	91.1
7/19/2011 7:38	446.3	1324.6	10.618	11.59	10.3	1815.18	1949.46	161.26	141.7	27.8	27.5	6	5.6	5.9	0.058	0.057	5.037	5.106	0.44	0.413	91.2
7/19/2011 7:39	447.8	1313.5	10.63	11.59	10.37	1820.27	1973.98	160.37	140.8	28.5	28.6	6.4	5.6	6	0.059	0.059	5.070	5.118	0.434	0.407	91.5
7/19/2011 7:40	449	1235.8	10.653	11.62	10.42	1829.83	1977.54	150.58	141.1	28	28.1	6.4	5.6	6.1	0.057	0.058	5.086	5.123	0.431	0.404	91.5
7/19/2011 7:41	447.7	1260.2	10.622	11.67	10.4	1819.66	1991.38	150.55	141.4	27.9	27.6	6.1	5.5	5.8	0.058	0.057	5.098	5.122	0.430	0.406	91.5
7/19/2011 7:42	448.3	1296.6	10.52	11.6	10.39	1807.45	1972.05	153.44	144	26.1	26	6.4	5.4	5.9	0.054	0.054	5.082	5.120	0.441	0.413	91.4
7/19/2011 7:43	451	1305.3	10.57	11.51	10.38	1784.53	1936.05	153.09	143.7	24.8	24.9	6.2	5.5	5.9	0.052	0.052	5.075	5.094	0.440	0.415	91.2
7/19/2011 7:44	448.4	1297.8	10.497	11.54	10.25	1773.28	1942.14	147.19	137.8	21.5	21.6	6.2	5.2	5.8	0.045	0.045	5.024	5.048	0.43	0.404	91.5
7/19/2011 7:45	447.9	1288.4	10.626	11.61	10.27	1806.44	1962.28	144.63	135.3	21.8	21.9	6.8	5.5	6	0.045	0.045	5.045	5.078	0.421	0.394	91.7
7/19/2011 7:46	449	1292.1	10.566	11.54	10.36	1799.92	1955.77	146.18	136.1	26.2	26.3	6.4	5.5	6.1	0.054	0.054	5.061	5.066	0.421	0.394	91.7
7/19/2011 7:47	447.0	1302.4	10.561	11.73	10.39	1811.11	2009.87	150.27	141.4	28.7	28.6	6.3	5.6	5.9	0.059	0.059	5.109	5.116	0.43	0.403	91.6
7/19/2011 7:48	449.7	1234.2	10.573	11.57	10.47	1822.51	1966.9	155.93	146.5	31.7	31.5	6.2	5.3	5.9	0.065	0.064	5.114	5.149	0.446	0.419	91.3
7/19/2011 7:49	449.8	1282.7	10.601	11.51	10.42	1814.98	1960.03	157.15	147.3	31.8	31.7	6.2	5.7	6	0.066	0.066	5.094	5.124	0.451	0.424	91.2
7/19/2011 7:50	448.9	1280.6	10.608	11.49	10.39	1814.57	1951.9	155.29	145.8	30.1	30.2	6.4	5.6	6	0.062	0.062	5.075	5.111	0.447	0.419	91.2
7/19/2011 7:51	447.2	1289.7	10.562	11.43	10.4	1804	1935.42	152.76	142.3	28.5	28.5	6.5	5.6	5.9	0.059	0.059	5.061	5.107	0.44	0.413	91.4
7/19/2011 7:52	445.6	1295.3	10.473	11.53	10.32	1779.58	1952.31	148.99	139.6	26.2	26.3	6.2	5.3	6.1	0.054	0.055	5.076	5.077	0.432	0.404	91.5
7/19/2011 7:53	447.4	1294.1	10.463	11.5	10.29	1736.09	1962.48	149.6	139.9	26	26	6.3	5.7	6	0.054	0.054	5.092	5.1	0.434	0.406	91.6
7/19/2011 7:54	448.2	1301.6	10.487	11.43	10.29	1792.6	1940.31	150.98	141.6	25.5	25.7	6.5	5.3	6.2	0.054	0.054	5.077	5.103	0.439	0.412	91.4
7/19/2011 7:55	450	1320.9	10.563	11.49	10.24	1807.86	1973.94	152.53	142.2	27.4	27.3	6.3	5.9	6.1	0.057	0.057	5.077	5.115	0.443	0.414	91.3
7/19/2011 7:56	451	1315.8	10.749	11.51	10.3	1851.81	1966.76	154.69	144.2	28.2	28.3	6.6	5.7	6.1	0.059	0.059	5.111	5.141	0.449	0.419	91.2
7/19/2011 7:57	447.4	1294.7	10.602	11.45	10.37	1924.95	1940.31	159.1	149.1	29.8	29.8	6.3	5.9	6.2	0.062	0.061	5.072	5.147	0.457	0.428	91.1
7/19/2011 7:58	448.8	1289.7	10.631	11.55	10.35	1842.31	1951.91	153.43	143.9	24.7	24.6	6	5.7	5.7	0.051	0.051	5.05	5.124	0.444	0.416	91.3
7/19/2011 7:59	449.3	1297.7	10.517	11.55	10.32	1799.32	1954.55	145.82	140.3	21.9	21.9	6.1	5.8	6.1	0.046	0.046	5.06	5.104	0.432	0.406	91.5
7/19/2011 8:00	449	1294.2	10.521	11.6	10.27	1792.4	1967.57	146.2	136.7	21.7	21.6	6.2	5.6	6	0.045	0.045	5.064	5.09	0.424	0.397	91.6
7/19/2011 8:01	449.4	1282.8	10.512	11.55	10.3	1788.74	1958.42	147.78	139.6	22.8	22.9	6.2	5.7	6	0.047	0.048	5.062	5.084	0.429	0.403	91.5
7/19/2011 8:02	447.8	1270.5	10.544	11.58	10.26	1739.52	1969.61	149.06	139.6	22.4	22.4	6.4	5.7	6.1	0.047	0.047	5.076	5.097	0.434	0.406	91.5
7/19/2011 8:03	448.6	1294.6	10.524	11.6	10.3	1794.64	1973.06	149.46	140.4	22.5	22.6	6.4	5.7	6.1	0.047	0.047	5.069	5.099	0.435	0.409	91.6
7/19/2011 8:04	448.5	1325.5	10.594	11.57	10.3	1802.57	1966.98	152.17	142.5	23.6	23.6	6.3	5.6	6	0.049	0.049	5.081	5.084	0.441	0.413	91.3
7/19/2011 8:05	448.8	1340.4	10.378	11.45	10.34	1816.44	1939.29	153.92	144.4	24.7	24.8	6.1	5.7	5.8	0.051	0.052	5.067	5.087	0.444	0.416	91.2
7/19/2011 8:06	449.7	1321.9	10.672	11.54	10.3	1822.31	1951.0	152.07	142.1	23.3	23.4	6	5.9	6	0.049	0.049	5.049	5.099	0.441	0.413	91.3
7/19/2011 8:07	449.2	1306.7	10.687	11.65	10.34	1831.46	1983.03	151.59	142.2	23	22.9	6	5.7	5.8	0.049	0.047	5.087	5.12	0.433	0.411	91.4
7/19/2011 8:08	447.3	1293.5	10.644	11.67	10.29	1820.47	1987.51	151.35	141.5	22.4	22.5	6.3	5.6	5.9	0.046	0.047	5.092	5.113	0.436	0.407	91.5
7/19/2011 8:09	447.4	1295.7	10.641	11.68	10.42	1821.49	1994.36	149.46	139.9	22.1	22	6.3	5.8	6.1	0.045	0.045	5.077	5.112	0.429	0.401	91.6
7/19/2011 8:10	449.1	1303.1	10.49	11.76	10.41	1794.84	2008.87	150.91	141.2	21.1	21.2	6.3	5.9	6.1	0.044	0.044	5.101	5.114	0.433	0.405	91.5
7/19/2011 8:11	448.3	1310.7	10.488	11.6	10.37	1788.09	1981.61	152.07	142.4	20.8	20.5	6	5.6	5.9	0.043	0.043	5.103	5.089	0.438	0.41	91.4
7/19/2011 8:12	447.7	1303	10.603	11.67	10.31	1812.13	1990.36	149.55	140.6	20.1	20.1	6.4	5.9	6.2	0.042	0.042	5.101	5.105	0.433	0.407	91.5
7/19/2011 8:13	448.9	1284.7	10.617	11.67	10.33	1818.85	1989.54	148.99	140.3	21.1	21.2	6.4	5.7	6	0.044	0.044	5.096	5.119	0.431	0.404	91.6
7/19/2011 8:14	447.4	1278.7	10.533	11.63	10.36	1802.37	1974.03	148.81	139.2	22.5	22.4	6.8	5.9	6.3	0.046	0.047	5.075	5.11	0.428	0.401	91.6
7/19/2011 8:15	450.5	1274.4	10.444	11.62	10.32	1765.84	1968.38	149.15	139.5	21	21	6.6	5.8	6.2	0.044	0.044	5.063	5.099	0.432	0.403	91.5
7/19/2011 8:16	446.9	1276.1	10.509	11.72	10.25	1797.08	1935.07	149.11	139.4	20.3	20.1	6.2	5.7	6.2	0.043	0.043	5.063	5.112	0.435	0.407	91.5
7/19/2011 8:17	447.7	1290.4	10.400	11.77	10.32	1776.12	1986.69	149.68	141	23.2	23.1	6.5	5.7	6	0.048	0.048	5.052	5.101	0.434	0.408	91.4
7/19/2011 8:18	451.2	1309.2	10.43	11.66	10.29	1773.07	1966.49	151.59	141	24.5	24.3	6.5	5.9	6.2	0.051	0.051	5.046	5.078	0.44	0.409	91.4
7/19/2011 8:19	448.2	1314	4.436	2.16	8.37	957.84	650.29	117.41	109	13.5	13.5	6.2	5.6	5.9	0.034	0.034	25.201	7.236	0.421	0.391	68.4
7/19/2011 8:20	450.4	1350.8	0.703	1.25	0.34	172.93	225.42	19.71	17	0.2	0.3	5.9	5.9	5.9	0.054	0.054	21.408	23.306	2.053	2.219	53.3
7/19/2011 8:21	449.2	1340.9	1.149	7.42	2.38	183.71	1113.28	45.8	40.4	9.1	9.3	6.1	5.8	6	0.094	0.093	4.418	5.454	0.801	0.836	81.3
7/19/2011 8:22	447.9	1319.3	7.915	11.29	8.82	1198.94	1837.07	134.28	125.5	20.5	20.3	6.2	5.8	6	0.052	0.052	4.789	4.404	0.456	0.426	90
7/19/2011 8:23	445.8	1307.7	10.145	11.48	10.41	1694.54	1939.49	158.05	148.0	20.2	20.3	6.2	5.9	6.1	0.042	0.042	5.035	4.941	0.454	0.427	91.2
7/19/2011 8:24	449	1308.6	10.172	11.54	10.41	1725.87	1984.11	159.11	148.7	20.2	20.1	6.3	5.5	6	0.041	0.042	5.089	5.07	0.456	0.428	91.4
7/19/2011 8:25	448.8	1308.3	10.32	11.52	10.4	1754.15	1954.55	159.71	149.8	22.5	22.5	6.1	5.9	6.1	0.046	0.046	5.074	5.073	0.458	0.429	91
7/19/2011 8:26	448.8	1303.3	10.315	11.57	10.42	1768.8	1970.62	157.09	147.5	24.5	24.7	6.2	5.9	6.1	0.05	0.051	5.084	5.113	0.452	0.424	91.1
7/19/2011 8:27	445.9	1308.1	10.389	11.61	10.33	1784.26	1979.78	156.36	146.4	24.7	24.8	6.3	5.8	5.9	0.052	0.052	5.099	5.121	0.453	0.423	91.2
7/19/2011 8:28	448.3	1318.7	10.362	11.54	10.44	1775.51	1958.01	154.57	144.5	24.3	24.4	6.2	5.3	6.1	0.05	0.05	5.071	5.123	0.444	0.415	91.3
7/19/2011 8:29	448.1	1305.9	10.443	11.53	10.45	1786.5	1969.23	153.03	143.2	23.9	23.9	6.2	5.8	6	0.049	0.049	5.075	5.11	0.437	0.409	91.4
7/19/2011 8:30	448.3	1283.1	10.425	11.51	10.43	1783.65	1956.99	151.53	141.9	23.9	23.9	6	5.9	5.9	0.049	0.049	5.067	5.114	0.434	0.407	91.5
7/19/2011 8:31	449.9	1280.2	10.483	11.65	10.3	1788.94	1976.52	149.03	139.5	22	22.1	6.2	5.7	6	0.046	0.046	5.068	5.103	0.433	0.406	91.5
7/19/2011 8:32	448.1	1296.6	10.426	11.68	10.36	1777.75	1983.44	150.53	141.4	24.1	23.9	6.2	5.9	6	0.05	0.049	5.071	5.095	0.434	0.407	91.4
7/19/2011 8:33	447.1	1305.8	10.448	11.59	10.33	1777.34	1983.91	151.41	141.5	25.5	25.5	5.8	5.7	5.9	0.053	0.053	5.072	5.087	0.438	0.409	91.4
7/19/2011 8:34	445.7	1304	10.350	11.53	10.3	1761.88	1947.22	149	139.7	24.8	24.6	5.9	5.7	5.8	0.052	0.051	5.026	5.07	0.433	0.406	91.4
7/19/2011 8:35	448.2	1295.2	10.564	11.64	10.28	1795.45	1957.81	146.31	136.9	22.7	22.7	6.1	6	6	0.047	0.047	5.023	5.074	0.426	0.398	91.6
7/19/2011 8:36	446.7	1294.3	10.571	11.68	10.35	1800.13	1969.59	146.98	137.7	24	24.2	6.2	5.9	6	0.049	0.049	5.033	5.087	0.424	0.397	91.6
7/19/2011 8:37	448.8	1283.4	10.593	11.75	10.4	1809.29	1995.03	148.67	139.4	26.4	26.5	6.1	5.8	6	0.054	0.055	5.068	5.1	0.426	0.4	91.6
7/19/2011 8:38	450.4	1305.4	10.521	11.76	10.43	1802.98	1998.9	152.75	143.2	26.4	26.5	6.3	5.8	6.1	0.055	0.055	5.08	5.12	0.438	0.411	91.4
7/19/2011 8:39	448.6	1324.8	10.518	11.76	10.43	1795.65	2004.39	155.42	145.6	25.8	25.6	6.4	6	6.2	0.050	0.053	5.09	5.103	0.445	0.417	91.2
7/19/2011 8:40	447.6	1317.9	10.659	11.75	10.38	1822.51	1999.1	152.34	143.4	25.4	25.4	6.4	5.8	6	0.052	0.053	5.085	5.105	0.439	0.412	91.4
7/19/2011 8:41	447.8	1300.5	10.551	11.75	10.47	1804.2	1995.24	152.33	143.1	25.9	25.9	6.5	5.8	6	0.053	0.053	5.074	5.114	0.435	0.408	91.5
7/19/2011 8:42	447.3	1290.5	10.596	11.66	10.46	1809.89	1979.37	149.07	139	27.2	27.2	6.3	5.5	5.9	0.056	0.056	5.076	5.105	0.426	0.397	91.7
7/19/2011 8:43	449.1	1290.7	10.429	11.66	10.43	1779.58	1973.47	148.9	140	27.4	27.4	6	5.8	5.9	0.056	0.057	5.081	5.099	0.426	0.4	91.6
7/19/2011 8:44	446.3	1303.2	10.383	11.64	10.39	1763.51	1984.72	148.57	139.3	25.5	25.5	6.2	5.9	5.9	0.053	0.053	5.043	5.079	0.427	0.4	91.5
7/19/2011 8:45	446.6	1323	10.411	11.59	10.31	1769.41	1981.26	147.28	139.2	24.2	24.1	6.4	5.6	6.1	0.05	0.05	5.058	5.073	0.427	0.401	91.6
7/19/2011 8:46	447.8	1322.6	10.454	11.59	10.33	1788.94	1955.57	149.61	140.8	23.9	23.7	6.5	5.7	6.1	0.05	0.049	5.043	5.114	0.434	0.407	91.5
7/19/2011 8:47	445.9	1322.6	10.479	11.66	10.34	1782.64	1969.81	151.56	141.9	24.6	24.5	6.2	5.6	5.8	0.051	0.051	5.042	5.084	0.428	0.41	91.3
7/19/2011 8:48	447.4	1332.1	10.497	11.69	10.35	1791.58	1985.07	150.94	141.6	24.3	24.5	6.4	5.7	6.1	0.05	0.051	5.07	5.098	0.456	0.41	91.4
7/19/2011 8:49	449.2	1334	10.48	11.67	10.37	1788.33	1979.17	152.85	143.4	25.4	25.5	6.2	5.5	5.9	0.053	0.053	5.07	5.102	0.44	0.412	91.3

Will-on-Coal

Date Time	GEN1	FLOW1	CO2 duct1	CO2 duct2	CO2 stack	SO2 duct1	SO2 duct2	SO2 stack	SO2 (high)	NOX (low)	NOX (high)	Opacity duct1	Opacity duct2	Opacity stack	NOx rate(low)	NOx rate (high)	SO2 rate duct1	SO2 rate duct2	SO2 rate stack (low)	SO2 rate stack (high)	% SO2 red'n
7/19/2011 8:50	447.6	1318.2	10.509	11.8	10.38	1796.47	2014.36	151.86	142.5	25.8	25.9	6.4	5.9	6.1	0.054	0.054	5.097	5.103	0.439	0.412	91.4
7/19/2011 8:51	447.7	1306.1	10.483	11.68	10.43	1720.36	1992.6	152.05	142.5	26	26	6.4	5.9	6.1	0.054	0.054	5.105	5.109	0.436	0.408	91.5
7/19/2011 8:52	450	1319.2	10.475	11.67	10.42	1767.72	1985.68	154.27	144.6	25.6	25.6	6.1	5.6	5.9	0.053	0.053	5.088	5.089	0.442	0.414	91.3
7/19/2011 8:53	447.3	1321.9	10.528	11.71	10.39	1754.64	1973.56	153.31	144.3	24	24	5.9	5.7	5.7	0.05	0.05	5.06	5.094	0.442	0.416	91.3
7/19/2011 8:54	446.1	1310.3	10.474	11.76	10.35	1785.08	1989.95	150.33	141.4	24.6	24.6	6.2	5.9	6.1	0.051	0.051	5.05	5.009	0.434	0.407	91.5
7/19/2011 8:55	447.7	1302.7	10.418	11.61	10.32	1772.26	1963.25	150.24	141.1	26	26	6.2	5.6	5.9	0.054	0.054	5.052	5.083	0.432	0.405	91.5
7/19/2011 8:56	446.9	1306	10.354	11.64	10.33	1750.84	1964.32	148.73	139.2	24.[illegible]	24.2	6.2	5.6	5.9	0.051	0.051	5.041	5.08	0.431	0.403	91.5
7/19/2011 8:57	448.7	1316.8	10.469	11.66	10.25	1781.82	1972.05	149.04	139	24.7	24.7	6.5	5.7	6.1	0.052	0.051	5.05	5.05	0.433	0.405	91.4
7/19/2011 8:58	448.6	1319.9	10.504	11.82	10.3	1822.1	2015.59	150.62	141.1	26.9	26.7	6.1	5.4	5.9	0.056	0.056	5.083	5.127	0.437	0.409	91.5
7/19/2011 8:59	449	1318.8	10.511	11.86	10.42	1831.05	2039.09	154.36	145	29.2	29.2	6.2	5.4	5.8	0.06	0.06	5.14	5.165	0.444	0.415	91.4
7/19/2011 9:00	448.5	1319.2	10.505	11.65	10.48	1808.23	1991.78	150.24	149.3	31.1	31.2	6.3	5.5	5.9	0.064	0.064	5.121	5.145	0.454	0.426	91.2
7/19/2011 9:01	448.1	1317.7	10.411	11.53	10.41	1766.77	1940.92	147.23	147.3	28.4	28.3	6.5	5.6	6	0.06	0.059	5.039	5.092	0.454	0.422	91
7/19/2011 9:02	448.5	1307.4	10.322	11.52	10.29	1740.52	1938.27	149.16	139.2	22.5	22.4	6.3	5.7	6.1	0.047	0.047	5.012	5.044	0.431	0.404	91.4
7/19/2011 9:03	449.1	1303	10.277	11.55	10.23	1732.18	1957.46	145.2	136.3	19.6	19.6	6.3	5.9	6.1	0.041	0.042	5.01	5.001	0.425	0.398	91.5
7/19/2011 9:04	447	1315.6	10.428	11.64	10.15	1770.22	1970.42	145.51	136.1	22.1	22.1	6.3	5.7	6	0.047	0.046	5.052	5.066	0.429	0.4	91.5
7/19/2011 9:05	447.9	1326.2	10.558	11.62	10.24	1804.4	1977.54	149.13	139.8	29.2	29.2	6.7	5.7	6.2	0.059	0.059	5.094	5.099	0.435	0.408	91.4
7/19/2011 9:06	448.1	1329.4	10.563	11.68	10.3	1817.02	1998.06	154.71	145.3	30.6	30.5	6.4	5.6	6.1	0.064	0.064	5.109	5.104	0.447	0.42	91.3
7/19/2011 9:07	448.4	1299.5	10.47	11.64	10.33	1794.23	1974.89	157.94	148.3	28.8	28.8	6.4	5.5	6	0.06	0.06	5.082	5.126	0.456	0.428	91.1
7/19/2011 9:08	447	1283.3	10.465	11.77	10.3	1789.55	1997.27	154.63	145	24.5	24.4	6	5.6	5.8	0.052	0.052	5.07	5.102	0.45	0.422	91.1
7/19/2011 9:09	447.9	1297.1	10.525	11.73	10.3	1816	1990.35	151.65	142.1	23.7	23.6	6.2	5.5	5.9	0.049	0.049	5.049	5.104	0.459	0.412	91.4
7/19/2011 9:10	449.5	1313.8	10.542	11.72	10.36	1792.6	1973.17	150.42	140.1	24.9	24.9	6.2	5.6	5.9	0.051	0.052	5.06	5.09	0.435	0.406	91.4
7/19/2011 9:11	447.8	1324.4	10.513	11.69	10.3	1789.55	1985.47	150.55	141.5	24.9	24.9	5.9	5.6	5.7	0.052	0.052	5.036	5.076	0.437	0.41	91.4
7/19/2011 9:12	448.2	1323.7	10.427	11.67	10.31	1775.51	1975.71	152.31	142.5	24.7	24.8	6.5	5.7	6.1	0.052	0.052	5.058	5.09	0.442	0.413	91.2
7/19/2011 9:13	447.0	1327.8	10.451	11.62	10.28	1777.95	1967.37	151.45	142.1	25.1	25	6.2	5.7	6.1	0.052	0.052	5.067	5.077	0.441	0.414	91.3
7/19/2011 9:14	449	1322.2	10.504	11.69	10.26	1797.48	1987.3	151.81	142.6	25.2	25.3	6	5.5	5.8	0.053	0.053	5.07	5.114	0.44	0.413	91.4
7/19/2011 9:15	447.4	1303.1	10.487	11.74	10.31	1791.99	1992.19	152.8	143.2	25.8	25.8	5.8	5.9	5.9	0.054	0.054	5.075	5.106	0.443	0.416	91.3
7/19/2011 9:16	448.5	1281.1	10.462	11.67	10.35	1764.87	1977.94	153.3	143.9	25.8	25.9	6.2	5.6	5.9	0.054	0.054	5.066	5.099	0.443	0.416	91.3
7/19/2011 9:17	446.8	1282.4	10.485	11.71	10.31	1783.45	1980.59	150.65	141.2	25.7	25.7	6.4	5.9	6.1	0.054	0.054	5.014	5.093	0.437	0.41	91.[illegible]
7/19/2011 9:18	447.2	1294.8	10.511	11.47	10.29	1767.11	1971.03	148.13	137.7	25.7	25.7	6.5	5.6	6.1	0.054	0.054	5.076	5.079	0.431	0.4	91.5
7/19/2011 9:19	450.2	1209.2	4.252	1.94	9.07	621.83	567.83	113.89	105.8	15.5	15.5	6.6	5.7	6.1	0.037	0.037	26.01	7.477	0.297	0.30	87.8
7/19/2011 9:20	447.5	1300.7	0.989	1.32	0.29	163.57	227.46	15.78	13.6	0.3	0.4	6.5	5.9	6.1	0.038	0.041	14.541	21.403	2.052	1.739	91.7
7/19/2011 9:21	449.2	1303	1.283	7.74	1.61	204.06	1170.05	36.35	32.5	8.5	8.6	6.4	5.9	6.1	0.109	0.112	4.435	5.293	0.703	0.602	82.4
7/19/2011 9:22	449.3	1303.7	8.133	11.24	8.73	1237.99	1846.72	136.51	129.5	25.7	25.7	6	6	6.1	0.064	0.064	4.992	4.941	0.473	0.449	90.[illegible]
7/19/2011 9:23	449.6	1307.1	10.168	11.3	10.45	1700.23	1910.81	164.85	154.5	28.4	28.4	5.9	5.5	5.8	0.058	0.058	5.046	4.946	0.472	0.472	91.2
7/19/2011 9:24	449.2	1322.4	10.28	11.34	10.41	1745.6	1921.59	158.90	149.7	26.7	26.8	5.9	5.7	5.9	0.055	0.055	5.081	5.077	0.458	0.428	91.4
7/19/2011 9:25	448	1332.1	10.388	11.49	10.33	1766.97	1943.97	155.33	145.9	26	26.2	6.5	5.7	6.1	0.054	0.054	5.06	5.074	0.45	0.422	91.1
7/19/2011 9:26	447.4	1324.5	10.364	11.47	10.34	1770.63	1939.49	154.64	145.3	26.2	26.3	6.1	5.6	5.9	0.055	0.055	5.058	5.104	0.417	0.42	91.2
7/19/2011 9:27	448.6	1317.5	10.452	11.49	10.32	1739.75	1941.32	153.9	144.6	24.2	24.3	5.9	5.7	5.8	0.05	0.051	5.037	5.115	0.446	0.419	91.2
7/19/2011 9:28	448.6	1310.4	10.35	11.45	10.25	1761.47	1927.08	154.16	145	24.6	24.6	5.8	5.7	5.7	0.051	0.051	5.011	5.005	0.445	0.419	91.2
7/19/2011 9:29	449.1	1299.7	10.368	11.59	10.29	1759.44	1939.9	152.18	142.1	24.9	25	6.2	5.6	5.8	0.052	0.052	5.003	5.068	0.442	0.413	91.2
7/19/2011 9:30	449	1296.1	10.431	11.73	10.31	1763.32	1983.65	148.87	139.6	25	24.8	6.4	5.6	6	0.052	0.052	5.05	5.07	0.433	0.406	91.4
7/19/2011 9:31	449.4	1310.6	10.455	11.77	10.34	1795.66	2000.09	149.93	140.7	27.5	27.4	6.2	5.6	5.8	0.056	0.056	5.086	5.095	0.432	0.406	91.5
7/19/2011 9:32	449.1	1330.4	10.463	11.71	10.39	1790.36	1993.61	151.43	141.8	31.1	31.1	6.1	5.5	5.9	0.065	0.064	5.031	5.116	0.435	0.408	91.5
7/19/2011 9:33	450.5	1322.1	10.502	11.9	10.35	1792.8	2019.86	151.09	142.6	28.6	28.6	5.7	5.3	5.6	0.059	0.059	5.125	5.093	0.439	0.412	91.4
7/19/2011 9:34	448.3	1297.5	10.378	11.67	10.33	1767.17	1981.2	154.29	144.7	28.9	28.8	6.0	5.6	5.8	0.06	0.059	5.072	5.097	0.443	0.416	91.3
7/19/2011 9:35	446.9	1294.8	10.425	11.57	10.26	1764.32	1944.37	151.07	141.8	25.8	25.8	5.8	5.7	5.9	0.054	0.054	5.016	5.061	0.437	0.41	91.3
7/19/2011 9:36	448.9	1289.4	10.451	11.62	10.27	1767.98	1945.8	145.87	136.5	20.6	20.7	6	5.6	5.9	0.043	0.043	5.001	5.055	0.425	0.398	91.6
7/19/2011 9:37	445.1	1293.9	10.398	11.66	10.27	1767.78	1964.11	144.12	135	20.1	20.2	6.1	5.9	6	0.042	0.042	5.014	5.08	0.419	0.393	91.7
7/19/2011 9:38	447.1	1292.8	10.408	11.76	10.27	1765.34	1984.86	144.59	135.3	23.6	23.7	6	5.8	5.9	0.049	0.049	5.045	5.064	0.42	0.394	91.7
7/19/2011 9:39	448.1	1297.9	10.491	11.79	10.3	1792.4	2003.58	148.91	139.5	27.9	27.9	5.9	5.8	5.9	0.058	0.059	5.079	5.101	0.430	0.405	91.7
7/19/2011 9:40	448.5	1298.9	10.464	11.72	10.36	1760.8	1989.54	154.59	144.9	30.9	30.8	6.4	6	6.2	0.064	0.064	5.074	5.095	0.446	0.418	91.2
7/19/2011 9:41	447.6	1320.4	10.414	11.69	10.34	1767.17	1985.07	153.59	144.7	28.9	29	6	5.7	5.9	0.061	0.061	5.072	5.067	0.444	0.418	91.2
7/19/2011 9:42	447.5	1306.2	10.525	11.78	10.39	1797.08	2020.26	153.02	143.6	25.9	26	6.4	5.7	6	0.055	0.054	5.129	5.099	0.444	0.416	91.3
7/19/2011 9:43	448.1	1305.6	10.458	11.66	10.27	1764.08	1986.29	155.92	146.4	27	27	5.7	5.9	5.8	0.056	0.056	5.09	5.107	0.449	0.422	91.2
7/19/2011 9:44	446.6	1316.9	10.47	11.63	10.24	1779.99	1961.87	152.68	143.3	24.9	24.8	6.1	5.6	5.9	0.052	0.052	5.041	5.078	0.442	0.414	91.3
7/19/2011 9:45	447.5	1300.8	10.535	11.57	10.22	1765.28	1944.99	149.41	140.3	24.8	24.5	5.9	5.8	5.9	0.051	0.051	5.022	5.060	0.430	0.408	91.4
7/19/2011 9:46	446	1298.7	10.514	11.68	10.32	1778.97	1987.98	145.63	136.4	25.1	25.2	6.3	5.6	6	0.052	0.052	5.032	5.055	0.421	0.395	91.6
7/19/2011 9:47	447.3	1294.0	10.586	11.74	10.34	1806.23	1999.1	143.98	134.1	24.8	24.9	6.1	5.6	5.9	0.052	0.052	5.067	5.094	0.417	0.389	91.8
7/19/2011 9:48	448.8	1295.1	10.484	11.67	10.41	1781.21	1978.11	149.83	140.6	25.6	25.6	6.1	5.9	6	0.053	0.053	5.06	5.091	0.43	0.404	91.5
7/19/2011 9:49	448	1289.4	10.453	11.71	10.37	1770.63	1979.78	151.29	141.7	24.9	24.9	6.7	5.5	6.3	0.052	0.052	5.05	5.081	0.437	0.409	91.4
7/19/2011 9:50	447.8	1303.4	10.408	11.68	10.32	1761.07	1967.98	149.07	140.3	24.1	24.2	6.4	5.7	6	0.05	0.051	5.035	5.055	0.432	0.408	91.4
7/19/2011 9:51	448.4	1311.5	10.56	11.73	10.3	1727.52	1981.61	147.39	137.8	24.5	24.4	6.3	6.1	6.6	0.051	0.051	5.045	5.053	0.423	0.4	91.5
7/19/2011 9:52	443.7	1316.7	10.821	11.72	10.36	1807.66	1980.59	146.8	137.7	25.9	25.9	6.3	5.9	6	0.054	0.054	5.05	5.081	0.424	0.397	91.6
7/19/2011 9:53	450.1	1309.3	10.552	11.63	10.4	1797.48	1989.61	149.36	139.6	27.4	27.5	6.3	5.7	5.9	0.057	0.057	5.039	5.088	0.428	0.4	91.5
7/19/2011 9:54	447.6	1313.7	10.5	11.75	10.27	1782.43	1987.51	140.93	140.3	25.1	25.1	6.3	5.8	5.9	0.052	0.052	5.055	5.076	0.432	0.404	91.5
7/19/2011 9:55	449.5	1325.2	10.491	11.84	10.34	1774.43	2007.85	140.26	139.9	24.7	24.6	6.2	5.5	5.8	0.052	0.052	5.065	5.053	0.431	0.404	91.5
7/19/2011 9:56	449.8	1317.4	10.562	11.76	10.34	1790.37	2001.55	150.01	140.7	25.3	25.3	5.8	5.7	5.9	0.052	0.052	5.086	5.084	0.433	0.406	91.5
7/19/2011 9:57	449.2	1297.0	10.573	11.67	10.37	1798.27	1975.3	151.79	142.6	26.4	26.5	5.9	5.8	5.9	0.055	0.055	5.058	5.077	0.435	0.41	91.4
7/19/2011 9:58	448.5	1288.3	10.515	11.61	10.34	1782.23	1956.79	149.69	140.7	28.2	28.4	5.9	5.8	5.9	0.059	0.059	5.037	5.064	0.433	0.406	91.4
7/19/2011 9:59	448.5	1280.7	10.425	11.59	10.29	1761.69	1949.24	145.83	136.8	26.3	26.3	5.8	5.6	5.7	0.055	0.055	5.022	5.049	0.425	0.398	91.6
7/19/2011 10:00	447.1	1275.4	10.578	11.64	10.24	1737.28	1974.08	142.91	133.9	23	23	6.4	5.9	6.1	0.048	0.048	5.066	5.078	0.418	0.392	91.8
7/19/2011 10:01	448	1281.9	10.55	11.73	10.3	1798.3	1984.66	144.91	135.4	24.7	24.6	6.1	5.7	5.9	0.051	0.051	5.055	5.095	0.419	0.393	91.8
7/19/2011 10:02	447.9	1298.4	10.452	11.76	10.34	1779.79	2003.38	149.03	139.7	26.2	26.2	6.2	5.6	5.9	0.055	0.054	5.09	5.075	0.431	0.404	91.5
7/19/2011 10:03	448	1309.7	10.452	11.69	10.33	1772.57	1981.61	152.6	143.2	25.9	26	6.1	5.7	5.9	0.054	0.054	5.066	5.068	0.441	0.413	91.3
7/19/2011 10:04	450.1	1313.9	10.543	11.76	10.3	1792.6	2001.14	150.83	141.5	24.9	24.9	6.2	5.6	5.9	0.052	0.052	5.082	5.08	0.437	0.41	91.3
7/19/2011 10:05	450.3	1313.6	10.605	11.79	10.31	1821.09	2014.97	149.03	140.4	26.3	26.4	6.3	5.9	6.1	0.055	0.055	5.109	5.13	0.433	0.407	91.6
7/19/2011 10:06	448.6	1308.5	10.513	11.75	10.4	1801.76	2004.19	149.83	140.1	27.9	27.9	6.2	5.8	6	0.057	0.058	5.097	5.121	0.43	0.403	91.6
7/19/2011 10:07	449.4	1297.3	10.472	11.83	10.35	1762.09	1988.99	149.39	140	26.8	26.8	6.1	5.4	5.9	0.056	0.056	5.06	5.088	0.431	0.405	91.5
7/19/2011 10:08	447.8	1289.7	10.363	11.72	10.28	1750.9	1978.15	146.47	137	25.1	25.1	6	5.6	5.9	0.053	0.053	5.04	5.043	0.426	0.399	91.6
7/19/2011 10:09	447.2	1305.1	10.34	11.76	10.23	1743.16	1996.7	143.57	133.9	23	23.1	6.1	5.8	6	0.049	0.048	5.049	5.037	0.419	0.391	91.7
7/19/2011 10:10	448.3	1320.6	10.332	11.66	10.24	1746.62	1971.84	146.03	137.1	21.6	21.6	6	5.8	5.9	0.045	0.045	5.053	5.051	0.428	0.4	91.6
7/19/2011 10:11	448	1316.8	10.36	11.83	10.2	1754.15	1989.59	149.35	140.3	22.9	23	6.1	5.7	5.9	0.049	0.049	5.057	5.059	0.438	0.411	91.3
7/19/2011 10:12	450	1310.9	10.495	11.77	10.15	1795.66	2010.7	150.78	141.2	26.1	26.3	6.3	5.9	6	0.055	0.055	5.107	5.112	0.444	0.416	91.3
7/19/2011 10:13	447.5	1314.4	10.501	11.72	10.28	1796.88	1997.07	152.69	143	29.2	29.1	5.8	5.8	5.8	0.06	0.06	5.097	5.115	0.444	0.415	91.[illegible]
7/19/2011 10:14	447.4	1318.9	10.452	11.62	10.29	1783.25	1988.09	151.73	142.4	29.2	29.2	6.2	5.7	6	0.062	0.061	5.083	5.105	0.442	0.414	91.2

Wilson-Coal

Date Time	GEN1	FLOW1	CO2 duct1	CO2 duct2	CO2 stack	SO2 duct1	SO2 duct2	SO2 stack	SO2 (high)	NOX (low)	NOX (high)	Opacity duct1	Opacity duct2	Opacity stack	NOx rate(low)	NOx rate (high)	SO2 rate duct1	SO2 rate duct2	SO2 rate stack (low)	SO2 rate stack (high)	% SO2 rad'n
7/19/2011 10:15	447.9	1316	10.544	11.71	10.23	1799.11	1995.04	147.81	138.6	27.2	27.0	6.4	5.6	5.9	0.057	0.059	5.036	5.096	0.432	0.405	91.5
7/19/2011 10:16	448.3	1300	10.486	11.72	10.29	1785.48	1985.27	150.6	141.5	27.3	27.2	5.8	5.8	5.9	0.057	0.057	5.064	5.074	0.436	0.409	91.4
7/19/2011 10:17	448.3	1294.7	10.403	11.72	10.33	1765.75	1973.47	149.94	140.9	25.8	25.7	5.8	5.7	5.7	0.054	0.054	5.061	5.071	0.435	0.409	91.4
7/19/2011 10:18	448.8	1299.1	10.321	11.54	10.28	1757.41	1966.98	148.08	138.5	22.8	22.7	6	5.9	6.1	0.049	0.049	5.038	5.055	0.427	0.398	91.4
7/19/2011 10:19	451.1	1299.7	4.382	1.97	8.9	925.29	584.11	119.93	111.7	13.5	13.4	5.9	5.6	5.8	0.035	0.035	24.62	7.196	0.4	0.373	86.9
7/19/2011 10:20	447.2	1304.9	0.727	1.25	0.31	171.71	219.73	17.39	15.1	0.2	0.2	5.6	5.8	5.8	0.025	0.029	18.896	20.725	1.05	1.625	55.4
7/19/2011 10:21	448.3	1306.2	1.211	7.71	2.31	198.93	1162.11	40.22	36.1	9.3	9.3	6	5.8	5.9	0.097	0.1	4.431	5.593	0.503	0.7	80.4
7/19/2011 10:22	448.6	1305.7	8.259	11.31	8.93	1260.43	1859.93	130.59	124.8	25.8	25.9	6.3	5.9	6	0.065	0.065	4.841	4.499	0.442	0.411	90.4
7/19/2011 10:23	447.8	1302.5	10.341	11.37	10.54	1729.94	1928.07	162.53	152.6	28.7	28.7	6.1	6.1	6.1	0.059	0.059	5.058	4.952	0.462	0.430	91.4
7/19/2011 10:24	445.6	1297.3	10.309	11.39	10.52	1750.29	1919.35	159.24	149.4	28.9	29.1	6.1	5.9	5.9	0.06	0.06	5.039	5.073	0.455	0.426	91.4
7/19/2011 10:25	447.4	1297.6	10.374	11.6	10.4	1751.71	1963.3	152.05	142.5	24.2	24.4	6.1	5.9	6	0.051	0.051	5.044	5.049	0.439	0.411	91.3
7/19/2011 10:26	447.1	1301.5	10.413	11.65	10.39	1767.17	1983.03	149.17	139.2	25	24.9	6.1	5.7	5.9	0.051	0.051	5.089	5.066	0.428	0.401	91.6
7/19/2011 10:27	447.7	1306.4	10.362	11.63	10.41	1764.53	1986.49	150.66	141.2	26.2	28.1	6.2	5.9	6	0.058	0.059	5.079	5.086	0.432	0.404	91.5
7/19/2011 10:28	447.5	1307.5	10.385	11.51	10.37	1770.02	1944.99	150.2	141	27.4	27.5	6.2	5.7	6	0.057	0.057	5.058	5.094	0.433	0.407	91.5
7/19/2011 10:29	449.9	1315.2	10.455	11.49	10.31	1776.73	1943.97	147.82	138.8	26.1	26.1	6	5.3	5.9	0.054	0.055	5.055	5.078	0.423	0.401	91.5
7/19/2011 10:30	448.2	1326.2	10.459	11.57	10.28	1784.08	1958.62	148.44	139.7	26.8	26.8	5.9	5.8	5.8	0.056	0.056	5.053	5.096	0.435	0.408	91.4
7/19/2011 10:31	448.7	1318.9	10.497	11.54	10.3	1787.72	1959.02	150.69	141.5	26.6	26.5	6.3	5.9	6.1	0.056	0.056	5.069	5.086	0.437	0.41	91.4
7/19/2011 10:32	447.9	1306	10.517	11.59	10.5	1804.61	1961.31	149.96	139.6	27.7	27.8	6.1	6	6	0.058	0.058	5.099	5.119	0.433	0.405	91.5
7/19/2011 10:33	448.4	1300.2	10.474	11.53	10.34	1797.08	1964.11	149.87	140.8	29	29.1	6.5	5.9	6.2	0.06	0.061	5.094	5.132	0.434	0.408	91.5
7/19/2011 10:34	447.2	1301.3	10.285	11.56	10.28	1775.31	1965.53	148.21	139	28.5	28.3	5.9	5.7	5.9	0.06	0.059	5.062	5.111	0.431	0.404	91.5
7/19/2011 10:35	448.6	1297.5	10.257	11.49	10.26	1749.86	1955.57	148.14	138.5	26	25.9	6.4	5.7	6	0.055	0.054	5.082	5.099	0.432	0.403	91.5
7/19/2011 10:36	446	1299.0	10.370	11.51	10.26	1764.12	1959.69	148.8	139.6	24.5	24.5	6.2	5.8	6	0.052	0.052	5.063	5.078	0.434	0.406	91.4
7/19/2011 10:37	448.9	1299.6	10.482	11.6	10.23	1764.84	1976.90	148.39	138.9	24.6	24.5	6.2	5.7	6.1	0.051	0.051	5.086	5.106	0.433	0.407	91.5
7/19/2011 10:38	447.7	1292.7	10.391	11.65	10.32	1777.55	1975.51	150.84	141.6	28.8	28.6	6.3	5.9	6.1	0.06	0.059	5.080	5.122	0.433	0.411	91.4
7/19/2011 10:39	446.3	1297.1	10.24	11.61	10.34	1733.19	1958.62	150.99	141.5	28	28.1	6.5	5.9	6.2	0.059	0.059	5.043	5.063	0.437	0.41	91.4
7/19/2011 10:40	446.6	1307.3	10.309	11.58	10.23	1746.22	1950.26	147.46	138.5	24.9	25	6.2	5.9	6.1	0.052	0.052	5.032	5.057	0.431	0.404	91.5
7/19/2011 10:41	447.8	1311.4	10.423	11.61	10.22	1765.34	1958.62	147.34	137.7	26.6	26.7	6.3	6.1	6.2	0.056	0.056	5.039	5.062	0.431	0.401	91.5
7/19/2011 10:42	447.1	1303.7	10.502	11.68	10.24	1789.75	1982.01	149.08	139.7	30.1	30.1	6	6.1	6.1	0.063	0.063	5.063	5.086	0.435	0.408	91.5
7/19/2011 10:43	449.3	1294.3	10.474	11.78	10.31	1784.67	2005.41	149.47	140.4	31.3	31.3	6.4	5.9	6	0.065	0.065	5.068	5.093	0.433	0.406	91.5
7/19/2011 10:44	450.3	1291.0	10.495	11.78	10.37	1784.33	2007.85	152.61	143.3	30.4	30.4	6.2	5.8	6.2	0.063	0.063	5.076	5.091	0.44	0.413	91.4
7/19/2011 10:45	449.1	1299.9	10.372	11.65	10.39	1766.36	1970.62	154.55	145.3	30.1	30	6	6	6	0.062	0.062	5.071	5.088	0.445	0.413	91.2
7/19/2011 10:46	448.9	1301.9	10.281	11.65	10.34	1742.35	1968.79	150.24	141.1	27.7	27.8	6	5.8	5.8	0.058	0.058	5.047	5.07	0.436	0.409	91.4
7/19/2011 10:47	451.8	1298.8	10.429	11.75	10.23	1768.29	1963.03	143.69	134.2	26.5	26.5	6.2	6	6.1	0.056	0.056	5.045	5.063	0.42	0.392	91.7
7/19/2011 10:48	448.4	1294	10.482	11.76	10.3	1767.72	1936.08	143.53	134.3	28.4	28.2	6	5.8	5.9	0.059	0.059	5.044	5.093	0.418	0.39	91.6
7/19/2011 10:49	448.2	1295	10.386	11.79	10.35	1764.9	2001.96	146.05	136.7	29.4	29.4	6.3	6.1	6.2	0.061	0.061	5.071	5.084	0.422	0.394	91.7
7/19/2011 10:50	448.4	1306	10.33	11.69	10.33	1750.69	1979.57	148.68	139.9	31.2	31.3	6.2	5.9	5.9	0.065	0.065	5.062	5.08	0.43	0.402	91.5
7/19/2011 10:51	448.6	1324.4	10.439	11.73	10.29	1773.07	1985.68	147.83	138.1	30.8	30.8	6.1	5.6	6	0.064	0.064	5.058	5.074	0.429	0.401	91.5
7/19/2011 10:52	446.9	1323.3	10.395	11.82	10.29	1770.02	1999.1	150.52	141.2	32	32.1	6.3	6.1	6.1	0.067	0.067	5.057	5.087	0.437	0.41	91.4
7/19/2011 10:53	444.4	1295.3	10.407	11.87	10.29	1775.71	2011.72	150.98	141.2	30.3	30.4	6.4	6.1	6.3	0.064	0.064	5.059	5.099	0.439	0.411	91.4
7/19/2011 10:54	447.7	1276.7	10.413	11.97	10.35	1774.9	2013.15	150.59	141.5	29.9	29.9	6.5	6	6.3	0.062	0.062	5.072	5.032	0.435	0.409	91.4
7/19/2011 10:55	451	1275.9	10.405	11.73	10.32	1769.21	2006.63	149.85	140.7	28.6	28.7	6.5	6.1	6.2	0.06	0.06	5.081	5.080	0.433	0.406	91.5
7/19/2011 10:56	445.3	1276.2	10.442	11.55	10.29	1774.7	1975.3	148.6	139.6	29	28.9	6.3	6.2	6.3	0.061	0.06	5.115	5.091	0.431	0.402	91.5
7/19/2011 10:57	448.9	1295.6	10.487	11.52	10.27	1794.23	1969.4	147.79	139.6	29.1	28.9	6.3	6.2	6.2	0.061	0.06	5.107	5.108	0.43	0.400	91.6
7/19/2011 10:58	448.7	1296.2	10.434	11.6	10.24	1783.45	1984.66	149.44	139.9	29.5	29.4	6	6.1	6	0.062	0.062	5.115	5.107	0.436	0.408	91.5
7/19/2011 10:59	447.9	1298.6	10.369	11.79	10.24	1767.58	2016.19	151.12	141.9	27.5	25.6	6.1	6	6.2	0.054	0.054	5.104	5.098	0.441	0.414	91.4
7/19/2011 11:00	446.3	1289.3	10.403	11.84	10.25	1771.44	1987.71	150.02	141.1	26.9	26.8	6	5.9	5.9	0.056	0.056	5.108	5.082	0.439	0.412	91.4
7/19/2011 11:01	447.6	1283.4	10.473	11.59	10.25	1789.35	1971.64	148.69	139.2	28.7	28.7	6	5.8	5.9	0.06	0.06	5.092	5.103	0.433	0.406	91.5
7/19/2011 11:02	447.4	1286.4	10.469	11.74	10.23	1788.13	1994.63	146.52	137.1	29.0	29.2	6	5.6	5.8	0.061	0.061	5.074	5.1	0.428	0.402	91.6
7/19/2011 11:03	448.6	1299.2	10.493	11.79	10.27	1797.08	2003.18	148.07	139.8	29.4	29.3	5.9	5.8	5.9	0.062	0.062	5.08	5.116	0.432	0.405	91.5
7/19/2011 11:04	449.1	1324.1	10.499	11.72	10.32	1793.71	1994.22	150.38	141	29	29	6.4	6	6.1	0.06	0.06	5.095	5.119	0.435	0.408	91.5
7/19/2011 11:05	446.8	1334.3	10.559	11.7	10.34	1805.93	1983.03	150.33	140.8	28.8	28.8	6.3	5.7	6.2	0.06	0.06	5.084	5.111	0.434	0.407	91.5
7/19/2011 11:06	447.1	1325.4	10.484	11.78	10.35	1793.01	2021.69	150.12	141.1	28.4	28.4	6.1	5.8	6	0.059	0.059	5.092	5.113	0.433	0.407	91.5
7/19/2011 11:07	449.8	1315.8	10.521	11.88	10.36	1796.67	2020.96	151.3	142.2	28.3	28.3	5.8	5.7	5.7	0.059	0.059	5.082	5.102	0.436	0.41	91.4
7/19/2011 11:08	447.5	1312.1	10.462	11.77	10.4	1759.75	1999.51	150.74	141.4	28.3	28.4	6	5.9	5.9	0.059	0.059	5.076	5.111	0.433	0.409	91.5
7/19/2011 11:09	447.9	1305.9	10.54	11.63	10.38	1797.48	1971.03	149.22	140.2	26.2	26.2	6.1	5.8	6	0.054	0.054	5.068	5.1	0.43	0.404	91.5
7/19/2011 11:10	448.3	1302.6	10.573	11.64	10.34	1800.13	1973.67	146.26	138.8	26.7	26.7	6	5.6	5.9	0.055	0.055	5.058	5.085	0.422	0.396	91.6
7/19/2011 11:11	447.5	1298.2	10.609	11.82	10.3	1819.48	2009.27	144.62	135.7	27.8	27.9	6.1	5.8	5.9	0.058	0.058	5.092	5.106	0.421	0.394	91.7
7/19/2011 11:12	446.7	1290.6	10.443	11.75	10.42	1777.55	1984.25	148.54	139.3	29.1	29.3	6	5.7	5.9	0.06	0.06	5.068	5.097	0.426	0.4	91.7
7/19/2011 11:13	448.5	1289.7	10.461	11.83	10.36	1763.61	2000.32	146.78	139	27.1	27.2	5.9	5.9	5.9	0.056	0.057	5.041	5.055	0.429	0.402	91.5
7/19/2011 11:14	447.8	1302.1	10.54	11.64	10.35	1795.05	1971.43	147.56	139.4	27.6	27.5	5.9	6.1	6	0.057	0.057	5.073	5.080	0.428	0.4	91.6
7/19/2011 11:15	448.8	1294	10.517	11.72	10.34	1797.92	1977.13	147.64	138.2	25.5	26.5	6.4	5.7	6.1	0.059	0.059	5.034	5.081	0.426	0.399	91.6
7/19/2011 11:16	447.5	1291.7	10.531	11.90	10.32	1796.27	2041.83	145.97	136.3	30.8	30.9	6	5.8	5.9	0.064	0.064	5.067	5.089	0.422	0.395	91.7
7/19/2011 11:17	444.7	1297.9	10.479	12.01	10.38	1795.86	2056.88	146.63	139.3	33.4	33.3	5.9	5.9	6	0.069	0.069	5.118	5.102	0.427	0.4	91.7
7/19/2011 11:18	447	1307.0	10.375	11.64	10.46	1776.53	2021.49	152.19	141.9	32.7	32.5	4.9	5.9	5.4	0.067	0.067	5.11	5.118	0.435	0.405	91.6
7/19/2011 11:19	439.4	1311.4	4.15	1.86	8.95	895.35	559.08	125	116.2	19.3	19.0	6.1	6.1	6	0.042	0.042	24.564	7.55	0.422	0.391	87.6
7/19/2011 11:20	447.5	1315.7	0.715	1.37	0.28	163.57	239.97	18.23	13.1	0.2	0.2	6.3	6	6.2	0.027	0.029	17.215	19.4	1.907	1.523	51.7
7/19/2011 11:21	447.8	1317.2	1.209	7.68	1.98	195.72	1164.76	32.81	29	7.2	7.2	5.8	5.8	5.8	0.091	0.09	4.449	5.371	0.574	0.5	82.3
7/19/2011 11:22	448	1306.4	7.773	11.53	8.89	1178.16	1854.45	131.18	122.3	18.9	18.9	6	5.9	6	0.046	0.043	4.825	4.442	0.439	0.409	90.2
7/19/2011 11:23	448.9	1296.9	10.122	11.47	10.36	1882.94	1957.05	157.81	148.3	19.8	19.8	6.1	5.7	5.8	0.041	0.041	5.039	4.916	0.455	0.428	91.3
7/19/2011 11:24	450	1301.3	10.216	11.38	10.49	1741.94	1934	154.85	145.3	21.2	21.1	5.8	5.9	5.8	0.043	0.043	5.077	5.088	0.442	0.415	91.5
7/19/2011 11:25	445.4	1312.8	10.306	11.39	10.41	1759.23	1926.83	151.52	142	22.6	22.6	6.1	5.9	6	0.047	0.047	5.058	5.096	0.435	0.408	91.5
7/19/2011 11:26	447.9	1319.4	10.461	11.57	10.31	1790.97	1968.33	151.45	142.1	27.6	27.6	6	5.9	6	0.057	0.057	5.074	5.109	0.439	0.412	91.4
7/19/2011 11:27	448.1	1320	10.486	11.63	10.39	1809.69	1987.91	156.76	146.8	32.2	32.1	6	5.9	5.9	0.066	0.066	5.109	5.150	0.45	0.423	91.2
7/19/2011 11:28	449.1	1322.3	10.33	11.52	10.45	1783.1	1957.4	156.77	146.5	33.1	33.1	6.1	6	6	0.068	0.068	5.073	5.11	0.448	0.419	91.2
7/19/2011 11:29	448.1	1316.7	10.517	11.6	10.50	1769.5	1972.66	152.24	143	30.1	30.1	6.1	6	6.1	0.062	0.062	5.083	5.104	0.44	0.413	91.4
7/19/2011 11:30	448.9	1302.2	10.474	11.76	10.39	1793.62	2008.43	149.16	139.9	30.2	30.1	5.8	6	6	0.062	0.062	5.102	5.113	0.43	0.402	91.6
7/19/2011 11:31	451.2	1284.1	10.32	11.75	10.44	1759.03	1998.7	150.74	141.9	30.4	30.5	6.2	6.1	6.1	0.063	0.063	5.087	5.095	0.431	0.406	91.5
7/19/2011 11:32	449.1	1273.6	10.556	11.73	10.29	1763.31	1996.05	148.58	139.6	25.8	25.8	6.1	6	6.1	0.054	0.054	5.086	5.09	0.427	0.402	91.6
7/19/2011 11:33	447.3	1275.8	10.464	11.68	10.4	1784.40	1986.7	147.77	139.6	20.6	20.7	6	5.8	5.8	0.043	0.043	5.086	5.099	0.424	0.398	91.7
7/19/2011 11:34	447.5	1279.3	10.579	11.71	10.39	1764.73	1984.05	147.05	137.7	19.1	19.2	6.2	5.9	5.9	0.04	0.04	5.061	5.094	0.423	0.398	91.7
7/19/2011 11:35	447.8	1285.2	10.36	11.76	10.39	1753.95	1968.09	146.62	137.3	17.6	17.4	5.7	6.2	6.1	0.036	0.036	5.052	5.08	0.422	0.395	91.6
7/19/2011 11:36	447	1284.1	10.294	11.72	10.38	1742.98	1971.64	145.92	136.8	17.3	17.2	5.9	5.8	5.8	0.036	0.035	5.025	5.061	0.419	0.393	91.7
7/19/2011 11:37	449	1285.3	10.298	11.68	10.35	1740.52	1979.17	145.95	137	18	18.1	5.7	6	5.8	0.038	0.038	5.06	5.051	0.421	0.396	91.7
7/19/2011 11:38	448.1	1305.1	10.476	11.8	10.27	1778.97	1999.31	145.24	136.1	19	19	6.1	5.9	6	0.04	0.04	5.062	5.07	0.423	0.398	91.7
7/19/2011 11:39	446.8	1318.7	10.521	11.87	10.36	1784.43	2025.55	146.41	137.1	21.5	21.6	5.8	5.9	6	0.044	0.045	5.1	5.092	0.421	0.396	91.7

Date Time	GEN1	FLOW1	CO2 duct1	CO2 duct2	CO2 stack	SO2 duct1	SO2 duct2	SO2 stack	SO2 (high)	NOX (low)	NOX (high)	Opacity duct1	Opacity duct2	Opacity stack	NOx rate(low)	NOx rate (high)	SO2 rate duct1	SO2 rate duct2	SO2 rate stack (low)	SO2 rate stack (high)	% SO2 red'n
7/19/2011 11:40	446.9	1321.7	10.482	11.55	10.44	1790.21	2026.57	151.6	141.8	23.5	23.5	6	5.8	5.9	0.048	0.049	5.096	5.112	0.434	0.406	91.5
7/19/2011 11:41	449.4	1313.2	10.467	11.93	10.44	1789.96	2047.93	155.57	146	23.9	23.9	6.2	5.9	6	0.049	0.049	5.115	5.113	0.445	0.417	91.3
7/19/2011 11:42	449	1302.4	10.52	11.97	10.45	1799.52	2068.38	155.68	145.7	23.2	23.2	6	6.3	6.1	0.048	0.048	5.103	5.106	0.445	0.416	91.3
7/19/2011 11:43	447.4	1296.3	10.326	11.69	10.49	1765.95	2007.24	155.32	145.5	24.9	24.9	5.4	6	5.8	0.051	0.051	5.142	5.117	0.442	0.414	91.4
7/19/2011 11:44	447.5	1269.3	10.234	11.67	10.39	1734.01	1979.73	150.15	140.4	23.2	23.3	5.2	5.9	5.8	0.043	0.049	5.078	5.069	0.430	0.405	91.5
7/19/2011 11:45	446.6	1284.9	10.241	11.67	10.25	1728.92	1966.05	144.95	135.4	17.7	17.6	5.7	5.8	5.9	0.037	0.037	5.042	5.046	0.423	0.395	91.6
7/19/2011 11:46	447.2	1287.6	10.377	11.74	10.26	1752.93	1979.98	144.4	134.9	15.8	15.8	5.9	6	5.9	0.033	0.033	5.034	5.045	0.42	0.393	91.7
7/19/2011 11:47	448.8	1292.6	10.46	11.83	10.3	1777.05	2008.43	145.75	136.3	17.6	17.5	6.2	6.2	6.1	0.037	0.036	5.063	5.066	0.423	0.395	91.6
7/19/2011 11:48	446.2	1301.2	10.675	11.83	10.34	1837.97	2025.55	149.36	139.7	19.9	19.9	5.7	5.9	5.9	0.041	0.041	5.104	5.14	0.432	0.404	91.6
7/19/2011 11:49	447	1311.9	10.553	11.75	10.49	1813.96	1985.65	155.96	146.4	28.3	28.3	5.5	5.9	5.7	0.059	0.059	5.085	5.144	0.443	0.417	91.3
7/19/2011 11:50	448	1316.1	10.406	11.79	10.44	1770.83	1992.39	152.22	142.9	23.6	23.5	5.8	6	5.9	0.061	0.061	5.056	5.092	0.436	0.41	91.4
7/19/2011 11:51	445.8	1301.7	10.405	11.8	10.38	1765.14	1999.31	148.61	137.5	27.2	27.1	5.7	6	5.8	0.057	0.056	5.057	5.068	0.423	0.397	91.6
7/19/2011 11:52	447.3	1275	10.368	11.84	10.35	1761.07	2013.98	143.52	134.2	24.6	24.5	6	5.9	6	0.051	0.051	5.079	5.074	0.414	0.388	91.8
7/19/2011 11:53	448.6	1258.6	10.413	11.95	10.38	1776.53	2018.64	142.54	133.4	24.2	24.2	5.9	6	6	0.05	0.05	5.093	5.091	0.41	0.384	91.9
7/19/2011 11:54	449.2	1253.5	10.473	11.75	10.35	1785.48	1993.41	146.74	137.2	26.8	26.9	5.7	6	5.9	0.055	0.055	5.089	5.094	0.421	0.394	91.7
7/19/2011 11:55	447.2	1260.9	10.63	11.91	10.37	1824.75	2035.52	149.29	140.2	27.2	27.3	6	5.9	5.9	0.057	0.057	5.099	5.119	0.42	0.404	91.6
7/19/2011 11:56	449	1274.6	10.821	11.92	10.46	1829.83	2049.77	150.73	141.4	29.1	29.1	5.8	6.2	5.7	0.06	0.06	5.143	5.147	0.431	0.404	91.6
7/19/2011 11:57	449.6	1279.5	10.446	11.79	10.54	1760.01	2006.94	152.28	142.7	30.2	30.2	6	5.8	5.9	0.062	0.062	5.1	5.135	0.432	0.404	91.6
7/19/2011 11:58	447.5	1279.7	10.515	11.83	10.44	1791.79	2014.16	147.3	137.8	27.1	27.2	6.3	5.9	6.1	0.056	0.056	5.074	5.09	0.422	0.396	91.7
7/19/2011 11:59	449.2	1277.9	10.713	11.74	10.39	1842.85	2011.72	145.01	136.1	27.5	27.6	6.4	6.2	6.2	0.057	0.057	5.144	5.136	0.417	0.392	91.9
7/19/2011 12:00	447.9	1278.2	10.564	11.86	10.49	1892.98	1982.63	148.59	138.8	28	27.9	6.2	6	6.1	0.057	0.057	5.091	5.108	0.422	0.395	91.7
7/19/2011 12:01	449.3	1284.7	10.493	11.73	10.39	1775.71	1983.44	144.49	135.4	25.8	25.9	6.2	6	6.1	0.054	0.054	5.043	5.084	0.416	0.39	91.8
7/19/2011 12:02	448.8	1298.5	10.51	11.77	10.36	1783.85	1993.61	143.54	133.9	25	25	5.8	6.1	5.9	0.052	0.052	5.058	5.087	0.414	0.388	91.9
7/19/2011 12:03	448.6	1303.3	10.695	11.95	10.38	1826.17	2024.13	147.19	137.8	27.6	27.6	6	6	5.9	0.057	0.057	5.085	5.099	0.424	0.396	91.7
7/19/2011 12:04	447.7	1292	10.746	11.94	10.46	1853.23	2055.87	151.02	141.5	33.1	33.2	5.9	5.8	5.8	0.068	0.068	5.129	5.151	0.431	0.404	91.6
7/19/2011 12:05	448.4	1294	10.642	12	10.54	1832.07	2058.11	154.74	145.3	35.5	35.7	5.9	5.7	5.8	0.072	0.073	5.131	5.147	0.439	0.412	91.5
7/19/2011 12:06	444.8	1290.4	10.47	11.94	10.54	1797.49	2045.29	153.31	143.7	28.9	27	5.5	5.9	5.9	0.075	0.075	5.119	5.133	0.435	0.408	91.5
7/19/2011 12:07	450.3	1299.2	10.455	11.87	10.48	1783.04	2021.69	151	141.8	35.4	35.3	6.2	5.8	5.9	0.073	0.073	5.099	5.097	0.431	0.405	91.5
7/19/2011 12:08	446.5	1298.4	10.575	11.93	10.42	1809.29	2052.21	149.87	140.8	28.6	28.6	5.8	6.1	6	0.059	0.059	5.128	5.108	0.429	0.402	91.6
7/19/2011 12:09	447	1295	10.601	11.71	10.40	1810.0	1991.33	152.24	142.4	25.6	26	6.1	6	6.1	0.053	0.053	5.095	5.108	0.435	0.406	91.5
7/19/2011 12:10	444.1	1287.1	10.375	11.78	10.44	1767.71	1980.08	150.41	141.2	27.7	27.3	5.6	5.8	5.9	0.057	0.057	5.092	5.08	0.431	0.404	91.5
7/19/2011 12:11	447.2	1282.0	10.423	11.86	10.33	1769.41	2016.6	147.14	137.8	25.9	25.9	5.9	6.1	5.9	0.054	0.054	5.075	5.063	0.426	0.399	91.6
7/19/2011 12:12	447.6	1297.1	10.612	11.96	10.39	1813.56	2092.88	146.8	137.4	27.7	27.8	5.9	6	6.1	0.058	0.058	5.119	5.103	0.424	0.397	91.7
7/19/2011 12:13	447.2	1307.9	10.623	11.85	10.45	1814.78	1980.18	151.57	141.7	33.5	33.6	5.9	5.8	5.8	0.069	0.069	5.089	5.106	0.433	0.405	91.5
7/19/2011 12:14	446.9	1299.2	10.676	11.77	10.41	1821.7	2002.97	151.52	142.2	32	32.1	5.4	6.2	5.8	0.066	0.067	5.098	5.096	0.430	0.406	91.5
7/19/2011 12:15	447.9	1294.6	10.773	11.8	10.41	1845.3	2011.11	150.12	141.1	29.8	29.8	5.3	6.1	5.9	0.062	0.061	5.102	5.117	0.431	0.405	91.6
7/19/2011 12:16	449.2	1298.3	10.716	11.82	10.49	1836.55	2019.65	152.61	142.6	31.4	31.5	5.4	6.2	5.9	0.064	0.064	5.104	5.123	0.435	0.406	91.5
7/19/2011 12:17	446.5	1295.7	10.715	11.97	10.51	1836.05	2034.71	153.82	144.3	31.9	31.9	5.4	5.8	5.5	0.065	0.065	5.128	5.118	0.429	0.411	91.4
7/19/2011 12:18	446.8	1295.0	10.597	11.5	10.43	1815.03	1985.94	152.07	141.9	30.4	30.4	5.3	5.9	5.7	0.062	0.062	5.152	5.131	0.436	0.405	91.4
7/19/2011 12:19	448.1	1293.7	4.816	2.03	8.83	1009.73	569.86	122.05	114.1	20.1	19.9	5.4	6	5.8	0.043	0.042	31.009	7.481	0.399	0.373	67.8
7/19/2011 12:20	447.6	1290.3	0.67	1.24	0.42	167.64	219.12	16.89	16.7	0.2	0.1	5.5	6.1	5.9	0.000	0.002	11.129	21.028	1.556	1.317	52.4
7/19/2011 12:21	447.8	1299	1.252	7.62	1.74	203.25	1164.75	35.70	31.5	9.4	9.4	6	5.5	5.9	0.123	0.119	4.444	5.375	0.661	0.575	82
7/19/2011 12:22	446.9	1290.2	8.129	11.33	8.7	1245.12	1864.01	135.37	126.4	27	26.9	5.9	5.9	5.9	0.088	0.088	4.919	4.47	0.468	0.438	90.2
7/19/2011 12:23	447.4	1300.9	10.171	11.42	10.5	1705.12	1934.62	165.28	155.9	30.9	31	6	5.9	5.9	0.060	0.063	5.051	4.987	0.47	0.442	91.2
7/19/2011 12:24	448.1	1300.6	10.332	11.61	10.55	1767.58	1970.17	160.09	150.1	32.5	32.2	5.7	6.1	5.8	0.086	0.085	5.092	5.108	0.455	0.427	91.4
7/19/2011 12:25	449.3	1299.1	10.366	11.44	10.51	1774.7	1941.73	156.47	146.4	32.8	32.9	6.3	5.8	6	0.087	0.087	5.066	5.114	0.444	0.416	91.3
7/19/2011 12:26	449.2	1301.8	10.34	11.46	10.49	1759.01	1938.44	152.57	142.9	33.2	33.3	6.1	5.7	5.8	0.088	0.088	5.042	5.032	0.435	0.407	91.4
7/19/2011 12:27	448	1305.6	10.537	11.66	10.35	1798.06	1989.75	149.14	139.7	30.1	30	5.8	5.8	5.8	0.083	0.083	5.107	5.088	0.431	0.405	91.5
7/19/2011 12:28	448.6	1297.5	10.553	11.71	10.42	1808.64	2097.45	151.13	141.9	31.5	31.6	5.9	5.9	5.9	0.085	0.085	5.122	5.116	0.433	0.407	91.5
7/19/2011 12:29	447.9	1283	10.554	11.7	10.49	1810.1	2005.21	152.64	142.8	33.6	33.6	5.8	6.1	6.1	0.069	0.069	5.119	5.118	0.434	0.407	91.5
7/19/2011 12:30	447.7	1283.9	10.432	11.62	10.52	1730.97	1978.35	153.63	144.3	34.5	34.6	5.8	6	6	0.071	0.071	5.087	5.112	0.437	0.41	91.4
7/19/2011 12:31	448.5	1297.6	10.486	11.49	10.44	1783.86	1968.48	153.03	143.6	32.5	32.5	5.9	5.8	5.8	0.067	0.067	5.043	5.081	0.438	0.411	91.4
7/19/2011 12:32	446.8	1312.2	10.504	11.43	10.05	1795.66	1938.62	148.94	139.6	30.5	30.5	6.3	6.1	6.2	0.063	0.064	5.046	5.108	0.43	0.403	91.5
7/19/2011 12:33	447.3	1311.9	10.494	11.72	10.04	1789.75	1980.18	148.04	138.2	29.1	29.1	5.9	5.8	5.7	0.061	0.061	5.049	5.1	0.428	0.4	91.6
7/19/2011 12:34	447.1	1304.7	10.522	11.78	10.36	1793.21	2008.06	146.76	137.7	30.9	30.8	6.1	5.8	6.1	0.064	0.063	5.065	5.087	0.422	0.397	91.7
7/19/2011 12:35	447	1309.8	10.508	11.81	10.44	1790.32	2023.90	149.82	140.7	34.3	34.5	6.1	5.9	5.9	0.071	0.071	5.122	5.113	0.428	0.403	91.6
7/19/2011 12:36	448	1311.2	10.482	11.73	10.44	1798.35	2019.85	153.26	143.5	36.2	36.5	6	6	6	0.075	0.075	5.123	5.126	0.439	0.41	91.4
7/19/2011 12:37	449.1	1308.2	10.5	11.76	10.45	1792.4	2002.56	156.03	146.2	34.4	34.4	6	5.9	5.9	0.071	0.071	5.078	5.105	0.446	0.419	91.2
7/19/2011 12:38	448.1	1303.6	10.552	11.78	10.42	1800.94	2030.23	153.29	143.8	32.7	32.8	6	6	6	0.067	0.066	5.108	5.1	0.44	0.412	91.4
7/19/2011 12:39	448.3	1318.2	10.427	11.82	10.49	1818.44	2012.33	151.82	142.6	32.8	32.8	5.9	5.7	5.9	0.067	0.067	5.088	5.113	0.433	0.406	91.5
7/19/2011 12:40	450.2	1327	10.636	11.76	10.52	1819.26	2001.75	150.98	141.7	32.5	32.6	6.1	5.8	6	0.066	0.067	5.095	5.111	0.429	0.402	91.6
7/19/2011 12:41	448.9	1316.7	10.711	11.79	10.49	1824.95	2002.16	149.69	140.7	30.8	30.8	6	5.8	5.9	0.063	0.063	5.075	5.092	0.427	0.401	91.6
7/19/2011 12:42	449.3	1305.9	10.67	11.87	10.51	1829.43	2027.59	150.76	141.4	30.6	30.5	5.8	5.9	5.9	0.062	0.062	5.105	5.125	0.429	0.402	91.6
7/19/2011 12:43	449	1275.4	10.515	11.63	10.56	1798.5	1988.76	150.83	141.8	30.4	30.5	5.6	5.9	5.7	0.062	0.062	5.061	5.114	0.427	0.401	91.6
7/19/2011 12:44	447.6	1264.1	10.557	11.7	10.44	1756.59	1989.81	148.58	139.2	26.9	26.9	5.8	5.7	6	0.056	0.056	5.031	5.071	0.426	0.4	91.6
7/19/2011 12:45	447.3	1272.5	10.536	11.94	10.39	1779.58	2005.21	145.18	136	24.4	24.5	6.2	5.7	6	0.051	0.051	5.059	5.047	0.42	0.393	91.7
7/19/2011 12:46	448.1	1298	10.532	11.81	10.42	1806.84	2005.41	145.69	136.4	27	27	6.1	5.9	6	0.056	0.056	5.075	5.076	0.418	0.391	91.8
7/19/2011 12:47	448.4	1309.8	10.685	11.81	10.49	1821.7	2004.19	147.71	138.2	32.5	32.7	6.2	6	6.1	0.067	0.067	5.07	5.091	0.421	0.394	91.7
7/19/2011 12:48	447.9	1299.8	10.424	11.83	10.47	1778.77	2006.49	147.17	137.5	33.6	33.7	5.9	6	5.9	0.07	0.069	5.060	5.098	0.421	0.393	91.8
7/19/2011 12:49	447.3	1286.7	10.454	11.67	10.43	1775.27	1969.4	146.07	137	29	28.9	5.9	5.9	6	0.06	0.059	5.041	5.073	0.419	0.392	91.7
7/19/2011 12:50	449.9	1277.6	10.541	11.8	10.33	1765.89	1986.32	146.27	137.4	26.9	26.9	6.1	5.9	6	0.056	0.056	5.037	5.063	0.422	0.397	91.6
7/19/2011 12:51	447.1	1278.8	10.575	11.9	10.4	1803.79	2020.4	148.88	139.5	28.6	28.7	5.9	5.9	5.9	0.055	0.055	5.092	5.097	0.423	0.401	91.6
7/19/2011 12:52	447.5	1284.5	10.542	11.87	10.43	1799.51	2020.47	149.79	140.6	27.8	27.8	5.6	6	5.9	0.058	0.058	5.095	5.098	0.427	0.401	91.6
7/19/2011 12:53	448.5	1288	10.487	11.91	10.5	1785.28	2034.71	148.45	139.2	22	22	6	5.7	5.9	0.045	0.045	5.107	5.094	0.423	0.396	91.7
7/19/2011 12:54	448.9	1286	10.47	11.87	10.47	1785.46	2036.57	147.99	138.5	19.5	19.5	5.9	5.9	5.8	0.04	0.04	5.131	5.095	0.420	0.397	91.7
7/19/2011 12:55	450	1287.4	10.575	11.68	10.44	1805.01	1909.92	148.88	139.2	25.5	25.6	5.6	5.5	5.7	0.052	0.053	5.115	5.1	0.426	0.398	91.6
7/19/2011 12:56	448.4	1286.2	10.58	11.65	10.43	1805.22	1996.49	148.77	139.6	29.9	29.9	5.5	5.9	5.7	0.061	0.061	5.096	5.096	0.426	0.397	91.7
7/19/2011 12:57	449	1299.7	10.669	11.74	10.39	1824.34	2000.32	145.61	136.4	33	33	6.1	5.9	6	0.069	0.069	5.09	5.102	0.419	0.393	91.8
7/19/2011 12:58	447.2	1294	10.643	11.77	10.44	1823.32	2005.41	145.6	136.4	25.9	26.1	6.2	6	6.1	0.053	0.053	5.082	5.119	0.417	0.39	91.9
7/19/2011 12:59	448	1289.7	10.566	11.7	10.48	1802.16	1987.51	148	139.4	30.2	30.2	6.4	5.9	6.2	0.059	0.06	5.08	5.098	0.421	0.394	91.7
7/19/2011 13:00	446.2	1308	10.441	11.74	10.42	1781.62	2001.34	149.52	141.1	33	32.9	5.8	6.2	6	0.068	0.068	5.082	5.096	0.427	0.403	91.6
7/19/2011 13:01	448.4	1320.1	10.516	11.72	10.36	1799.72	2009.44	151.92	142.2	35.7	35.7	5.9	6.1	6	0.072	0.072	5.123	5.108	0.437	0.41	91.4
7/19/2011 13:02	449.9	1311.5	10.677	11.74	10.37	1834.31	2015.23	151.83	142.4	37.8	38	6	6	6	0.079	0.079	5.125	5.125	0.437	0.41	91.5
7/19/2011 13:03	448.1	1300	10.701	11.8	10.42	1842.24	2027.39	150.7	141.6	34	34	6.4	5.7	6.1	0.072	0.071	5.13	5.129	0.433	0.407	91.6
7/19/2011 13:04	446.5	1310.1	10.573	11.66	10.49	1907.25	1968.53	150.42	144.1	29.2	29.2	6	5.6	5.8	0.061	0.061	5.105	5.119	0.436	0.409	91.5

Wilson-Coal

Date Time	GEN1	FLOW1	CO2 duct1	CO2 duct2	CO2 stack	SO2 duct1	SO2 duct2	SO2 stack	SO2 (high)	NOX (low)	NOX (high)	Opacity duct1	Opacity duct2	Opacity stack	NOx rate(low)	NOx rate (high)	SO2 rate duct1	SO2 rate duct2	SO2 rate stack (low)	SO2 rate stack (high)	% SO2 red'n
7/19/2011 13:05	449.9	1314	10.565	11.71	10.44	1791.99	1982.02	153.27	143.6	25.2	25.1	6	80	89.1	0.053	0.053	5.061	5.072	0.439	0.411	91.3
7/19/2011 13:06	447.8	1308.1	10.6	11.97	10.39	1796.71	2042.64	149.04	139.6	22	22	6.2	100.2	98.9	0.046	0.046	5.086	5.086	0.431	0.404	91.6
7/19/2011 13:07	447.8	1307.8	10.508	11.62	10.46	1793.01	1979.93	148.64	138.9	21.7	21.8	5.9	100	98.5	0.044	0.044	5.103	5.101	0.424	0.398	91.7
7/19/2011 13:08	447.9	1316.5	10.479	11.8	10.42	1776.53	1965.13	149.22	139.7	22.3	22.3	5.9	100.2	98.5	0.046	0.046	5.096	5.086	0.428	0.399	91.6
7/19/2011 13:09	448.7	1322.1	10.53	11.73	10.26	1805.01	1997.27	146.3	137	21.1	21.1	6.2	100.2	98.9	0.044	0.044	5.087	5.094	0.426	0.399	91.6
7/19/2011 13:10	443	1310.2	10.618	11.84	10.36	1808.27	2014.77	148.97	139.5	20.8	20.9	5.8	100.1	98.8	0.043	0.043	5.079	5.091	0.429	0.402	91.5
7/19/2011 13:11	448.9	1294.6	10.729	11.94	10.39	1833.9	2047.73	149.62	140.4	21.3	21.3	5.8	100.1	98.9	0.043	0.043	5.116	5.107	0.43	0.404	91.6
7/19/2011 13:12	449.4	1287.1	10.519	11.83	10.51	1800.13	2026.18	150	143.2	24.1	24.1	5.8	100.2	98.9	0.049	0.049	5.126	5.114	0.436	0.408	91.5
7/19/2011 13:13	449.8	1279.7	10.471	11.8	10.47	1787.58	1955.16	151.9	142.2	22.7	22.8	5.5	99.9	98.2	0.047	0.047	5.045	5.057	0.43	0.406	91.4
7/19/2011 13:14	447.5	1273.6	10.551	11.83	10.31	1782.03	1956.79	146.05	136.8	18.8	18.8	5.7	100.1	98.7	0.04	0.04	5.023	5.04	0.424	0.398	91.6
7/19/2011 13:15	449	1280.2	10.528	11.78	10.3	1779.17	1982.22	142.99	133.5	18.6	18.5	5.3	100.2	98.8	0.039	0.039	5.032	5.049	0.415	0.387	91.3
7/19/2011 13:16	448.3	1293	10.589	11.89	10.35	1796.67	2015.38	142.97	133.8	21.4	21.5	5.4	100.1	98.9	0.044	0.044	5.057	5.066	0.413	0.387	91.9
7/19/2011 13:17	448.3	1296	10.641	12.02	10.39	1811.52	2052.99	144.31	134.3	25.2	25.2	5.3	100.1	98.9	0.052	0.052	5.122	5.035	0.415	0.386	91.9
7/19/2011 13:18	448.6	1297.7	10.62	11.62	10.49	1810.1	2010.09	150.55	140.4	26.8	26.6	5.2	100.1	98.9	0.055	0.054	5.115	5.094	0.426	0.397	91.9
7/19/2011 13:19	448.5	1303.8	4.664	2	9.25	987.92	579.83	128.25	119.9	17.6	17.6	4.9	100.2	98.9	0.04	0.04	24.489	7.957	0.418	0.39	87.2
7/19/2011 13:20	447.7	1303.7	0.724	1.33	0.31	168.25	221.93	15.83	13	0.1	0	5.9	100	98.7	0.001	0.001	17.921	21.576	1.429	1.076	53.9
7/19/2011 13:21	449.3	1301.8	1.207	7.55	1.82	192.47	1159.67	31.03	27.7	7.1	7	6	100	98.3	0.095	0.097	4.519	5.342	0.603	0.531	84
7/19/2011 13:22	447.9	1302.9	7.764	11.32	8.79	1157.83	1874.19	126.31	117.6	18.7	18.6	5.9	100.1	98.3	0.05	0.05	4.868	4.394	0.437	0.408	90.6
7/19/2011 13:23	448	1301.1	10.264	11.49	10.46	1705.32	1958.53	154.01	144.2	17.2	17.1	6	100.2	98.9	0.035	0.035	5.08	4.915	0.44	0.412	91.6
7/19/2011 13:24	448.9	1298.6	10.322	11.5	10.61	1758.22	1956.36	155.39	145.4	20.8	20.8	6.3	100	98.1	0.041	0.041	5.081	5.068	0.429	0.41	91.8
7/19/2011 13:25	449.5	1299.1	10.443	11.58	10.52	1793.01	1991.4	154.46	144.9	23.4	23.4	6.2	100	98.9	0.048	0.048	5.115	5.13	0.439	0.411	91.4
7/19/2011 13:26	449.2	1305.4	10.493	11.69	10.40	1805.01	2010.29	153.77	144.6	24.3	24.4	6.4	100	98.9	0.05	0.05	5.129	5.141	0.437	0.411	91.5
7/19/2011 13:27	449.6	1304.8	10.544	11.65	10.55	1818.46	2014.93	153.51	146.6	24.2	24.2	5.7	100.1	98.7	0.049	0.05	5.17	5.152	0.443	0.415	91.4
7/19/2011 13:28	449.1	1281.1	10.479	11.61	10.54	1769.13	1978.15	153.47	144.1	24.5	24.6	6.2	100.2	98.9	0.05	0.05	5.105	5.128	0.436	0.409	91.5
7/19/2011 13:29	447.6	1247.4	10.305	11.45	10.45	1744.79	1927.7	147.08	137.9	20.9	21	6.2	100.1	98.9	0.043	0.043	5.034	5.083	0.42	0.394	91.7
7/19/2011 13:30	447.3	1237.4	10.35	11.7	10.33	1752.95	1990.19	139.8	130.7	16.7	16.7	6.5	100	98.6	0.035	0.035	5.049	5.058	0.405	0.379	92
7/19/2011 13:31	447.1	1231.1	10.347	11.83	10.33	1787.73	2017.01	138.7	129.4	17.8	17.8	6.3	100	98.7	0.037	0.037	5.094	5.097	0.402	0.376	92.1
7/19/2011 13:32	447.6	1288.8	10.323	11.78	10.42	1757.4	2016.2	145.93	136.5	20.9	21	6.3	100.2	98.9	0.043	0.043	5.11	5.098	0.419	0.391	91.5
7/19/2011 13:33	447.8	1300.5	10.278	11.87	10.39	1751.91	2024.38	150.83	141.2	22.1	22.4	5.9	100.1	98.9	0.046	0.046	5.1	5.097	0.424	0.396	91.4
7/19/2011 13:34	448.7	1309.1	10.414	11.91	10.41	1769.61	2045.49	151.08	141.4	24.4	24.4	6.1	100.1	98.9	0.05	0.05	5.123	5.077	0.434	0.406	91.5
7/19/2011 13:35	447.1	1315.6	10.597	11.89	10.45	1806.84	2045.49	149.59	140.4	25.7	25.7	6.1	100.2	98.9	0.053	0.053	5.141	5.118	0.428	0.402	91.7
7/19/2011 13:36	447.1	1312.3	10.791	11.99	10.52	1777.34	2035.32	150.53	141.4	24.4	24.4	5.4	100	98.9	0.05	0.05	5.119	5.116	0.428	0.402	91.7
7/19/2011 13:37	448	1307.4	10.281	11.8	10.47	1743.17	2010.09	149.22	140.4	19.1	19	5.8	100	98.9	0.039	0.039	5.1	5.074	0.423	0.401	91.6
7/19/2011 13:38	447.5	1310.5	10.399	11.78	10.4	1759.91	1994.63	147.49	138.1	17.4	17.4	5.8	100.2	98.9	0.036	0.036	5.058	5.049	0.424	0.396	91.6
7/19/2011 13:39	448.6	1302.5	10.425	11.94	10.34	1785.95	2041.85	144.41	135.1	19.6	19.6	5.4	100.2	98.9	0.041	0.041	5.098	5.055	0.417	0.391	91.8
7/19/2011 13:40	447.5	1280.1	10.521	12.03	10.42	1739.98	2039.5	145.9	136.8	22.4	22.6	5.6	100.2	98.9	0.046	0.046	5.14	5.081	0.418	0.391	91.8
7/19/2011 13:41	446.7	1266.0	10.574	11.98	10.55	1799.73	2042.85	149.48	140	26.1	26.1	5.1	100.2	98.9	0.053	0.053	5.109	5.085	0.424	0.397	91.7
7/19/2011 13:42	449.1	1261.4	10.512	12	10.75	1794.42	2053.86	149.21	140	34.6	34.7	5.2	100.1	98.9	0.07	0.07	5.119	5.1	0.423	0.397	91.6
7/19/2011 13:43	447.6	1258.9	10.501	12	10.56	1769.13	2045.49	148.57	139.2	33	32.9	5.5	100.1	98.9	0.067	0.067	5.102	5.09	0.421	0.394	91.7
7/19/2011 13:44	447.7	1255.6	10.458	11.98	10.54	1779.79	2043.66	145.07	136.4	25.9	25.5	5.8	100	98.9	0.052	0.052	5.09	5.059	0.412	0.387	91.9
7/19/2011 13:45	447.7	1256.2	10.378	11.95	10.49	1784.32	2038.78	143.92	134.1	23.4	23.4	5.8	100.2	98.9	0.049	0.049	5.099	5.062	0.41	0.382	91.9
7/19/2011 13:46	447.9	1265.3	10.373	11.92	10.48	1754.76	2033.25	144.85	135.8	22	22	5.2	100.3	98.9	0.045	0.045	5.093	5.056	0.413	0.387	91.9
7/19/2011 13:47	446.2	1284.8	10.398	12.1	10.44	1766.97	2059.29	147.23	133.1	20.9	21	4.9	129.9	98.1	0.043	0.043	5.103	5.069	0.421	0.395	91.7
7/19/2011 13:48	449.4	1296.8	10.57	12.14	10.43	1764.94	2104.09	149.99	140	23.1	23	4.9	11	98.1	0.047	0.047	5.174	5.069	0.426	0.399	91.7
7/19/2011 13:49	449.6	1301.7	10.561	12	10.53	1764.73	2095.43	151.5	142.2	23	23.1	4.9	10	98.5	0.047	0.047	5.159	5.092	0.43	0.403	91.6
7/19/2011 13:50	446.2	1312.8	10.592	11.98	10.48	1764.73	2049.97	148.89	139.9	23	23.1	5.7	9.1	98.4	0.047	0.047	5.118	5.073	0.424	0.399	91.8
7/19/2011 13:51	446.7	1318.4	10.369	12	10.46	1762.7	2048.75	146.57	137.3	22.2	22.2	6.1	8.8	98.5	0.046	0.046	5.101	5.074	0.419	0.392	91.8
7/19/2011 13:52	446.3	1313.6	10.584	12.01	10.47	1762.49	2057.29	146.07	137	22	22.1	5.6	8.7	98.2	0.045	0.045	5.111	5.068	0.418	0.391	91.9
7/19/2011 13:53	447.9	1302.1	10.409	11.97	10.48	1771.85	2057.29	146.53	137.2	21.4	21.4	5.7	8	98.2	0.044	0.044	5.126	5.085	0.418	0.391	91.8
7/19/2011 13:54	447.3	1293.3	10.042	12.01	10.47	1760.05	2067.06	143.9	135.2	23.8	23.6	5.8	8.8	98.3	0.049	0.049	5.137	5.095	0.425	0.397	91.7
7/19/2011 13:55	449	1282.9	10.279	12.01	10.42	1750.08	2080.95	150.2	140.7	25.4	25.4	6.2	95.4	98.5	0.052	0.052	5.134	5.093	0.43	0.403	91.6
7/19/2011 13:56	449.1	1269.2	10.212	11.92	10.45	1732.18	2035.11	150.51	140.8	24	24.1	5.7	91.6	98.4	0.049	0.049	5.104	5.069	0.43	0.403	91.5
7/19/2011 13:57	448.5	1261.9	10.247	11.92	10.35	1757.08	2034.91	147.35	138.1	22.3	22.5	5.7	94.5	98.6	0.046	0.046	5.097	5.066	0.425	0.399	91.6
7/19/2011 13:58	447.7	1273.1	10.24	11.89	10.34	1734.21	2035.73	144.41	135.4	23	22.9	5.8	99.2	98.7	0.049	0.047	5.115	5.059	0.417	0.391	91.8
7/19/2011 13:59	448.5	1298.3	10.176	12.02	10.34	1729.13	2063.15	144.45	135.7	22.7	22.8	5.1	99.1	98.5	0.047	0.047	5.121	5.074	0.417	0.391	91.9
7/19/2011 14:00	448.2	1308.9	10.367	12.1	10.36	1775.72	2101.44	147.45	138.5	23.6	23.6	5.5	99.2	98.9	0.049	0.049	5.166	5.11	0.426	0.4	91.8
7/19/2011 14:01	447	1295.4	10.362	12.02	10.41	1773.46	2081.5	153.02	143.6	23.6	26.4	5.9	99.4	98.1	0.059	0.058	5.151	5.117	0.438	0.411	91.5
7/19/2011 14:02	445.6	1285.5	10.317	11.88	10.47	1763.92	2068.17	152.4	142.6	26.8	26.9	5.4	99.3	98	0.055	0.055	5.124	5.112	0.435	0.407	91.5
7/19/2011 14:03	449.6	1287.5	10.28	11.63	10.45	1741.94	2023.31	146.07	138.8	22.3	22.8	6	99.7	98.3	0.047	0.047	5.09	5.073	0.424	0.397	91.6
7/19/2011 14:04	447.1	1296	10.213	11.89	10.33	1736.65	2027.79	140.8	134.7	20.9	21	5.4	99	98.9	0.043	0.043	5.077	5.077	0.415	0.39	91.8
7/19/2011 14:05	448.3	1299.6	10.295	12.02	10.36	1745.81	2057.09	143.49	134.3	22	21.9	5.4	99	98.7	0.046	0.045	5.098	5.064	0.414	0.388	91.8
7/19/2011 14:06	449.7	1285.2	10.439	12.13	10.35	1787.53	2095.95	146.58	137	27.5	27.6	5.8	99.8	98.5	0.057	0.057	5.155	5.115	0.423	0.395	91.8
7/19/2011 14:07	449.1	1276.1	10.505	12.09	10.5	1806.03	2092.08	151.3	141.5	31.9	31.9	5.8	99.2	98.6	0.065	0.065	5.181	5.138	0.43	0.403	91.7
7/19/2011 14:08	446.8	1269.3	10.278	11.92	10.58	1756.30	2036.13	154.2	144.9	32.3	32.4	5.9	99	98.1	0.066	0.066	5.11	5.114	0.436	0.41	91.5
7/19/2011 14:09	449	1270.6	10.214	11.98	10.48	1723.02	2012.63	150.55	141.4	28.5	28.8	6.4	99.2	98.6	0.059	0.058	5.076	5.048	0.43	0.404	91.5
7/19/2011 14:10	446.3	1277.3	10.318	11.99	10.12	1740.90	2050.17	143.51	134	23.2	23.2	5.7	99.1	98.7	0.048	0.048	5.101	5.026	0.415	0.388	91.8
7/19/2011 14:11	448.3	1285.9	10.331	12.01	10.36	1753.74	2065.43	145.12	133.5	23.2	23.1	5.7	99.5	98	0.048	0.048	5.131	5.069	0.413	0.385	91.9
7/19/2011 14:12	448.8	1287.7	10.411	12.15	10.42	1767.37	2104.49	145.31	136.3	26.5	26.5	5.9	99.5	98.1	0.054	0.054	5.109	5.071	0.417	0.391	91.9
7/19/2011 14:13	448.5	1285.8	10.424	12.16	10.48	1779.78	2101.21	145.72	136.7	27.3	27.4	6	99.5	98.8	0.056	0.056	5.158	5.101	0.415	0.39	91.9
7/19/2011 14:14	448.2	1277	10.359	12.04	10.55	1784.12	2083.19	149.12	140	27.6	27.7	6.1	99.3	98	0.056	0.056	5.125	5.09	0.422	0.396	91.8
7/19/2011 14:15	447.9	1262.2	10.323	11.95	10.49	1754.06	2050.44	149.57	140.7	23.2	23.1	6.1	99.5	98.8	0.047	0.047	5.098	5.079	0.426	0.401	91.6
7/19/2011 14:16	445	1260.5	10.377	11.97	10.42	1760.92	2041.01	145.79	136.5	22.2	22.4	5.9	99.5	98.5	0.046	0.046	5.09	5.08	0.418	0.392	91.8
7/19/2011 14:17	449.8	1280.4	10.395	11.98	10.43	1760.58	2043.66	145.7	133.9	23.5	23.4	5.9	99.8	99.1	0.048	0.048	5.095	5.078	0.412	0.384	91.9
7/19/2011 14:18	447.5	1291.1	10.349	11.78	10.43	1761.69	2033.49	143.46	133.5	24.4	24.4	10.4	99.6	98.2	0.05	0.05	5.111	5.084	0.411	0.382	91.9
7/19/2011 14:19	449.1	1281.7	4.321	2.16	8.07	952.15	609.95	121.29	113.2	16.5	16.3	5.7	99.1	98.5	0.035	0.035	24.562	7.68	0.407	0.378	83.7
7/19/2011 14:20	448.2	1291	0.629	1.31	0.32	156.45	234.78	14.95	12.5	0.1	0	5.7	99.9	99.9	0.025	0.019	19.243	20.198	1.55	1.187	56.2
7/19/2011 14:21	447.9	1299.9	1.404	7.5	1.88	219.93	1154.58	31.9	28.1	8.2	8.2	5.3	99.4	94.2	0.097	0.098	4.539	5.2	0.556	0.475	83.1
7/19/2011 14:22	447.5	1307.3	8.14	11.51	9.03	1235.98	1919.45	136.59	127.8	25.7	25.8	5.4	93.4	91.8	0.082	0.083	4.896	4.418	0.454	0.424	90.9
7/19/2011 14:23	448.9	1309.9	10.273	11.76	10.7	1724.65	2016.19	164.4	154.4	29.2	28.2	5.9	99.7	98.9	0.057	0.057	5.114	4.984	0.459	0.421	91.8
7/19/2011 14:24	449	1304.7	10.32	11.98	10.88	1771.04	2071.13	160.05	150.1	28	28	6.1	99.6	98.7	0.056	0.056	5.209	5.115	0.449	0.421	92
7/19/2011 14:25	449.9	1289.8	10.21	11.80	10.66	1754.56	2059.33	156.28	146.5	26.4	26.5	5.7	99.5	98.5	0.054	0.054	5.162	5.144	0.438	0.411	91.5
7/19/2011 14:26	447.2	1272.7	10.184	11.89	10.57	1738.28	2053.89	150.55	141.1	22.6	22.7	5.9	99.2	98.7	0.046	0.046	5.171	5.102	0.426	0.399	91.7
7/19/2011 14:27	448	1272.0	10.139	11.91	10.52	1725.06	2022.5	146.43	137	21.4	21.5	5.8	99.4	98.2	0.043	0.044	5.128	5.085	0.416	0.389	91.9
7/19/2011 14:28	447.3	1291.1	10.053	11.89	10.44	1698.81	2023.22	145.19	136	20.5	20.8	5.9	99.6	98.6	0.042	0.042	5.085	5.059	0.415	0.389	91.8
7/19/2011 14:29	448.6	1300.9	10.151	12.01	10.32	1727.91	2061.16	146	136.4	19.9	19.8	5.6	99.6	98.3	0.042	0.041	5.119	5.08	0.423	0.395	91.7

Date Time	GEN1	FLOW1	CO2 duct1	CO2 duct2	CO2 stack	SO2 duct1	SO2 duct2	SO2 stack	SO2 (high)	NOX (low)	NOX (high)	Opacity duct1	Opacity duct2	Opacity stack	NOx rate(low)	NOx rate (high)	SO2 rate duct1	SO2 rate duct2	SO2 rate stack (low)	SO2 rate stack (high)	% SO2 red'n
7/19/2011 14:30	447.6	1309.9	10.187	12.02	10.39	1737.67	2063.74	149.25	140.3	23.4	23.4	5.9	9.5	9.9	0.048	0.049	5.174	5.096	0.43	0.403	91.6
7/19/2011 14:31	448	1298.1	10.104	12.02	10.43	1764.53	2080.08	150.41	141.1	26.2	26.2	5.9	11.9	10.1	0.054	0.054	5.171	5.114	0.431	0.404	91.6
7/19/2011 14:32	448.6	1280.3	10.283	12.05	10.47	1760.66	2090.66	148.99	139.8	25	28	5.5	8.9	9.5	0.057	0.057	5.185	5.12	0.425	0.398	91.8
7/19/2011 14:33	449.1	1276.1	10.181	11.96	10.49	1734.42	2052.41	146.62	137.4	25.2	25.3	6	6.7	8.5	0.052	0.052	5.153	5.097	0.418	0.391	91.9
7/19/2011 14:34	447.7	1280.4	10.121	12.11	10.44	1716.71	2098.59	144.81	135.7	20.6	20.6	5.8	6.5	6.2	0.042	0.042	5.165	5.068	0.415	0.389	91.9
7/19/2011 14:35	448.5	1287.4	10.217	12.11	10.41	1744.39	2126.87	144.79	135.5	18.4	18.4	6	6.5	6.3	0.038	0.038	5.252	5.096	0.416	0.389	92
7/19/2011 14:36	449	1275.8	10.212	12.08	10.47	1747.23	2090.71	150.08	140.7	21.2	21.1	6	6.2	6.1	0.043	0.043	5.186	5.112	0.428	0.401	91.7
7/19/2011 14:37	449	1264.8	10.209	12.02	10.47	1746.62	2073.16	150.73	141.5	24.5	24.5	6	6.3	6.5	0.051	0.05	5.157	5.101	0.431	0.405	91.6
7/19/2011 14:38	448.7	1275.7	10.174	12.05	10.44	1750.9	2086.18	148.09	139.3	25.6	25.7	6.1	6.7	6.1	0.053	0.053	5.160	5.095	0.425	0.398	91.7
7/19/2011 14:39	449.1	1288.9	10.203	11.99	10.47	1738.08	2067.07	146.37	137.3	25.4	25.3	6.2	38.2	16.6	0.052	0.052	5.159	5.093	0.416	0.392	91.9
7/19/2011 14:40	447.4	1288.2	10.144	12.05	10.44	1728.11	2071.94	144.03	134.5	23.4	23.4	6.5	22.9	19.9	0.048	0.048	5.137	5.09	0.412	0.395	92
7/19/2011 14:41	447.3	1279.2	10.171	12.12	10.4	1733.81	2097.17	142.01	133.5	22.5	22.6	6.1	7.2	6.8	0.047	0.047	5.183	5.09	0.408	0.393	92
7/19/2011 14:42	449.2	1276.8	10.166	12.08	10.42	1740.52	2108.33	144.59	135	23.4	23.3	6.3	7.4	6.8	0.048	0.048	5.212	5.115	0.415	0.397	91.9
7/19/2011 14:43	449	1278.7	10.32	12.04	10.42	1765.14	2101.24	150.29	140.8	23.4	23.5	5.9	7.3	6.8	0.048	0.048	5.21	5.111	0.421	0.404	91.8
7/19/2011 14:44	446.5	1272.6	10.416	12.15	10.46	1789.55	2129	151.33	141.6	25	25.1	6.1	7	6.5	0.051	0.052	5.221	5.128	0.432	0.405	91.6
7/19/2011 14:45	449.3	1277.6	10.357	12.11	10.55	1780.45	2117.92	152.14	142.2	29.2	28.1	5.9	7.2	6.6	0.057	0.057	5.225	5.147	0.431	0.403	91.7
7/19/2011 14:46	446.9	1281.6	10.214	12.19	10.54	1754.15	2128.29	150.11	141.2	26.3	26.3	5.7	7.2	6.6	0.054	0.054	5.222	5.130	0.426	0.4	91.8
7/19/2011 14:47	448.8	1276.8	10.106	12.05	10.49	1720.93	2077.23	147.74	138.1	21.2	21.3	5.6	7.1	6.3	0.043	0.044	5.16	5.098	0.421	0.392	91.9
7/19/2011 14:48	447.6	1275.1	10.132	12.09	10.43	1713.08	2069.7	144.45	135.5	19.4	19.3	5.3	7.2	6.4	0.04	0.04	5.118	5.052	0.414	0.388	91.9
7/19/2011 14:49	447.1	1288.2	10.214	12.09	10.38	1728.52	2077.64	142.76	133.3	17.5	17.4	5.6	7.1	6.2	0.036	0.036	5.134	5.052	0.411	0.384	91.9
7/19/2011 14:50	447.2	1300.1	10.238	12.08	10.42	1740.52	2069.3	144.01	134.6	17.8	17.8	6	7.1	6.6	0.037	0.037	5.113	5.078	0.414	0.386	91.9
7/19/2011 14:51	446.6	1293	10.295	12.13	10.44	1749.06	2095.37	146.76	137.7	22	22.1	6.1	7.2	6.6	0.045	0.046	5.125	5.073	0.42	0.394	91.8
7/19/2011 14:52	448.9	1279.8	10.274	12.27	10.45	1776.53	2133.47	147.67	138.2	22.9	23	6.2	7.1	6.7	0.047	0.047	5.187	5.112	0.422	0.395	91.8
7/19/2011 14:53	450.3	1280.1	10.394	12.2	10.52	1768.53	2137.25	150.73	140.8	23.1	23.1	6.1	6.8	6.5	0.047	0.047	5.246	5.134	0.420	0.4	91.7
7/19/2011 14:54	447.5	1287	10.352	12.09	10.58	1784.06	2098.9	153.07	143.3	25.7	25.9	5.9	7	6.6	0.053	0.053	5.168	5.149	0.432	0.405	91.6
7/19/2011 14:55	443.5	1282.3	10.216	12.05	10.54	1749.07	2070.99	149.12	139.9	25.9	25.9	6	6.8	6.4	0.053	0.053	5.146	5.128	0.423	0.396	91.8
7/19/2011 14:56	448.3	1264	10.258	12.13	10.43	1748.05	2088.42	144.52	135.2	21.3	21.3	5.9	6.6	6.3	0.044	0.044	5.148	5.09	0.414	0.388	91.9
7/19/2011 14:57	448.2	1255.6	10.245	12.08	10.44	1740.98	2088.66	145.65	136.7	21.1	21	6.1	6.9	6.4	0.043	0.043	5.128	5.09	0.416	0.391	91.8
7/19/2011 14:58	447.1	1255.9	10.339	12.15	10.43	1739.5	2095.71	146	136.9	23.2	23.1	5.9	7.1	6.4	0.048	0.048	5.145	5.074	0.416	0.389	91.9
7/19/2011 14:59	448.5	1261.6	10.283	12.2	10.45	1757.41	2103.85	144.42	135.3	23.5	23.6	6.1	7	6.8	0.048	0.049	5.142	5.102	0.410	0.397	92
7/19/2011 15:00	448.7	1277.6	10.29	12.25	10.47	1759.34	2128.09	144.53	135	24.5	24.5	6.1	6.8	6.4	0.05	0.05	5.173	5.108	0.412	0.385	92
7/19/2011 15:01	448.5	1296.7	10.273	12.23	10.5	1754.76	2125.65	146.74	137.4	23.6	23.6	6.1	7.1	6.8	0.048	0.049	5.211	5.11	0.419	0.391	91.9
7/19/2011 15:02	448	1302.7	10.245	12.15	10.48	1749.05	2093.1	148.57	139.5	24.6	24.6	6	7.1	6.5	0.05	0.05	5.139	5.101	0.424	0.398	91.8
7/19/2011 15:03	448.3	1290.4	10.352	12.19	10.44	1760.92	2117.31	147.01	137.9	24.8	24.7	5.7	7.1	6.6	0.051	0.051	5.105	5.093	0.421	0.395	91.8
7/19/2011 15:04	450.4	1276.5	10.303	12.17	10.43	1768.39	2116.5	148.23	139.9	24	23.9	5.9	7.1	6.5	0.049	0.049	5.198	5.122	0.423	0.396	91.8
7/19/2011 15:05	449.2	1262.6	10.12	12.13	10.5	1731.97	2098.39	150.76	141.5	23.2	23.2	6	7.1	6.6	0.047	0.048	5.166	5.122	0.429	0.402	91.6
7/19/2011 15:06	449.1	1268	10.198	12.11	10.42	1735.48	2105.71	149.6	140.8	21.9	21.9	5.1	7.2	6.3	0.045	0.045	5.207	5.092	0.429	0.403	91.7
7/19/2011 15:07	449	1290.4	10.223	12.12	10.42	1740.66	2105.92	143.96	140.0	22.2	22.3	5.2	7.3	6.4	0.046	0.046	5.186	5.11	0.427	0.402	91.7
7/19/2011 15:08	449.6	1305.8	10.141	12.19	10.43	1759.62	2114.87	148.82	140	23.2	23.1	5.4	7.1	6.3	0.048	0.048	5.207	5.11	0.426	0.401	91.7
7/19/2011 15:09	449.4	1300.3	10.228	12.25	10.41	1766.15	2136.43	146.71	137.4	24.4	24.5	4.8	7.3	6	0.05	0.051	5.202	5.159	0.421	0.395	91.9
7/19/2011 15:10	448.1	1279	10.091	12.16	10.45	1731.57	2120.97	149.44	140.6	22.6	22.7	5.5	7.1	6.3	0.046	0.047	5.223	5.104	0.427	0.402	91.9
7/19/2011 15:11	448.8	1256.7	10.113	12.1	10.41	1727.7	2093.51	150.12	141.1	20.6	20.6	5.3	7.2	6.3	0.043	0.043	5.176	5.103	0.431	0.405	91.6
7/19/2011 15:12	449.4	1256.4	10.095	12.02	10.37	1716.51	2061.97	148.28	139.2	19.6	19.5	6.3	7	6.6	0.041	0.041	5.126	5.088	0.427	0.401	91.7
7/19/2011 15:13	447.1	1276.9	10.177	12.03	10.31	1730.55	2062.59	145.08	135.9	19.6	19.5	6.1	7.1	6.5	0.041	0.041	5.138	5.074	0.42	0.393	91.8
7/19/2011 15:14	448.1	1232.5	10.085	12.09	10.34	1733.02	2085.17	144.25	134.7	20.1	20	5.9	7.2	6.6	0.042	0.042	5.14	5.107	0.417	0.39	91.9
7/19/2011 15:15	449.1	1290.8	10.219	12.12	10.35	1747.23	2090.97	145.13	136	20.9	21	5.8	7.4	6.5	0.043	0.044	5.193	5.104	0.419	0.390	91.8
7/19/2011 15:16	449.1	1284.4	10.348	12.12	10.39	1773.68	2101.44	146.64	137.2	23.2	23.1	5.3	7.1	6.5	0.048	0.048	5.163	5.12	0.428	0.4	91.7
7/19/2011 15:17	450.5	1273.4	10.354	12.15	10.46	1775.71	2121.99	149.5	140.4	27.1	27	5.5	7.4	6.5	0.056	0.056	5.22	5.133	0.427	0.401	91.7
7/19/2011 15:18	447.6	1289.2	10.184	11.91	10.47	1743.78	2103.07	150.22	140.2	25.7	25.5	5.7	7	6.4	0.053	0.052	5.293	5.122	0.429	0.4	91.5
7/19/2011 15:19	447.7	1277.1	3.95	2.07	9	871.17	625.81	122.93	114.9	14.9	14.8	5.9	7	6.3	0.032	0.032	34.985	9.241	0.41	0.383	63.1
7/19/2011 15:20	448.3	1285.1	0.748	1.43	0.51	177.21	250.65	16.09	13.9	0	-0.1	5.8	7.1	6.5	0.016	0.024	10.282	20.692	1.796	1.495	57.3
7/19/2011 15:21	447.3	1296.6	1.265	7.69	1.93	198.57	1190.50	31.77	29.8	6.2	6.1	5.7	7.3	6.5	0.07	0.069	4.796	5.306	0.538	0.479	82.5
7/19/2011 15:22	448.6	1299.2	7.807	11.58	8.84	1160.69	1940.51	128.92	120.3	19.5	19.6	5.7	7.1	6.3	0.048	0.048	5.005	4.424	0.436	0.406	90.5
7/19/2011 15:23	448	1298.4	10.011	11.73	10.5	1684.16	2020.47	157.24	147.1	23.6	23.5	4.5	7	5.7	0.048	0.048	5.145	4.99	0.443	0.419	91.6
7/19/2011 15:24	447.9	1298.5	10.176	11.86	10.54	1759.7	2060.95	156.61	146.4	23.1	26.2	5.5	7	6.4	0.053	0.053	5.192	5.108	0.444	0.415	91.7
7/19/2011 15:25	447.9	1307.6	10.236	11.98	10.55	1762.29	2113.65	158.16	148.3	27.2	27.3	5.7	7	6.3	0.055	0.055	5.271	5.135	0.448	0.42	91.4
7/19/2011 15:26	450.5	1319.2	10.255	11.84	10.52	1766.16	2081.01	158.32	148.6	27.4	27.5	5.7	7.2	6.5	0.056	0.056	5.208	5.147	0.449	0.422	91.3
7/19/2011 15:27	449	1316.6	10.198	11.98	10.51	1743.98	2063.8	155.43	145.7	26.9	27	5.6	7.1	6.3	0.055	0.055	5.157	5.111	0.442	0.414	91.4
7/19/2011 15:28	449.5	1307.5	10.214	12.01	10.42	1746.83	2071.33	148.13	138.5	24	24.1	6	7.1	6.8	0.05	0.05	5.154	5.11	0.425	0.397	91.7
7/19/2011 15:29	449.2	1294.4	10.157	11.92	10.45	1740.72	2053.63	147.13	137.7	20.9	20.9	6.2	7.1	6.4	0.043	0.043	5.147	5.122	0.421	0.394	91.8
7/19/2011 15:30	447.1	1280.4	10.153	11.98	10.4	1723.13	2065.63	146.58	137.4	20.2	20.2	5.7	7.3	6.5	0.042	0.042	5.151	5.088	0.421	0.395	91.8
7/19/2011 15:31	447.3	1272.8	10.234	12.02	10.38	1754.15	2087.81	145.71	136.3	22.9	22.8	5.5	7.4	6.5	0.047	0.047	5.191	5.117	0.419	0.392	91.9
7/19/2011 15:32	447	1281.6	10.252	12.08	10.42	1756.39	2109.17	149.53	140.4	20.6	23.7	5.6	7	6.3	0.049	0.049	5.218	5.13	0.429	0.403	91.7
7/19/2011 15:33	449.4	1292.2	10.16	12.04	10.44	1742.35	2087.81	152.1	142.9	25.8	26	5.5	7.1	6.4	0.053	0.054	5.181	5.126	0.435	0.409	91.8
7/19/2011 15:34	448.5	1294.5	10.048	12.1	10.41	1728.52	2101.65	150.1	140.9	25.9	26	5.7	7	6.4	0.054	0.054	5.160	5.139	0.431	0.404	91.6
7/19/2011 15:35	447.5	1293.2	10.125	12.03	10.37	1737.87	2099	146.47	139.7	20.7	20.6	5.9	7.1	6.6	0.043	0.043	5.215	5.128	0.428	0.403	91.7
7/19/2011 15:36	447.7	1294.9	10.122	11.98	10.36	1741.54	2069.63	146.83	137.2	21.3	21.3	5.8	7	6.4	0.044	0.044	5.162	5.141	0.423	0.398	91.8
7/19/2011 15:37	450.2	1294.6	10.162	12.04	10.36	1742.98	2089.84	144.99	136	23.1	23	6	7.2	6.6	0.049	0.047	5.184	5.126	0.418	0.392	91.9
7/19/2011 15:38	448.8	1302.7	10.205	12.11	10.36	1749.47	2118.94	146.55	137.4	22.7	22.7	5.8	7.1	6.5	0.047	0.047	5.226	5.122	0.423	0.396	91.6
7/19/2011 15:39	449.6	1318	10.198	12.09	10.43	1748.08	2096.35	151.29	141.6	22	22	6.2	7.4	6.8	0.045	0.045	5.183	5.123	0.433	0.406	91.6
7/19/2011 15:40	450.3	1314	10.19	12.14	10.41	1747.03	2100.22	151.1	141.8	23	23.1	6.2	6.8	6.5	0.048	0.048	5.17	5.126	0.424	0.407	91.6
7/19/2011 15:41	449.4	1284.4	10.241	12.03	10.39	1757.61	2082.72	149.17	140	24.2	24.3	6	7.1	6.6	0.05	0.05	5.172	5.128	0.429	0.403	91.6
7/19/2011 15:42	448.4	1267.9	10.063	12.04	10.45	1719.16	2089.7	145.27	136	24.6	24.7	6.3	7.1	6.7	0.051	0.051	5.197	5.096	0.416	0.39	91.9
7/19/2011 15:43	448.1	1258.1	10.105	12.1	10.32	1720.17	2099.42	142.08	133.1	17.5	17.5	5.9	7.2	6.5	0.037	0.038	5.157	5.086	0.411	0.385	92
7/19/2011 15:44	449.6	1258.9	10.215	12.16	10.33	1749.07	2119.73	144.17	135.1	18.3	18.3	6.4	7.1	6.9	0.038	0.038	5.209	5.110	0.417	0.391	91.9
7/19/2011 15:45	449.1	1250.5	10.347	12.22	10.39	1784.46	2134.81	149.25	139.3	22.4	22.4	6.5	7.1	6.9	0.045	0.045	5.227	5.15	0.425	0.399	91.8
7/19/2011 15:46	447.7	1253.9	10.255	12.15	10.48	1759.03	2114.87	151.68	142	27.8	27.8	6	7.1	6.6	0.056	0.056	5.208	5.131	0.432	0.401	91.6
7/19/2011 15:47	448	1256.7	10.252	12.07	10.45	1751.71	2085.37	151.37	141.8	27.7	27.9	5.8	7.6	6.6	0.057	0.058	5.17	5.117	0.433	0.406	91.6
7/19/2011 15:48	447.3	1262.2	10.243	12.08	10.39	1747.44	2081.3	147.55	137.9	25.3	25.3	5.8	7.1	6.4	0.053	0.053	5.145	5.102	0.425	0.398	91.7
7/19/2011 15:49	448.1	1266.9	10.185	12.13	10.39	1734.01	2092.08	145.26	136.1	22.9	22.7	6.2	7.2	6.7	0.048	0.049	5.16	5.096	0.418	0.392	91.8
7/19/2011 15:50	447	1310.3	10.178	12.07	10.39	1734.42	2087.61	144.51	135	21	21.1	5.9	7.2	6.7	0.043	0.043	5.188	5.088	0.416	0.389	91.9
7/19/2011 15:51	447.8	1307.1	10.258	12.08	10.37	1755.58	2085.37	149.46	139.1	22.2	22.1	5.7	7.2	6.4	0.045	0.045	5.177	5.11	0.414	0.387	91.9
7/19/2011 15:52	446.6	1301.9	10.304	12.13	10.38	1770.58	2099.81	146.51	136.9	24.9	25	5.6	7.3	6.5	0.051	0.051	5.173	5.14	0.419	0.392	91.8
7/19/2011 15:53	446.4	1306.9	10.175	12.02	10.44	1751.1	2071.94	152.64	142.2	26.8	26.8	6.1	7.3	6.5	0.055	0.055	5.151	5.144	0.435	0.408	91.6
7/19/2011 15:54	448.2	1298.2	10.116	12.1	10.37	1739.5	2089.23	151.79	142.5	25.8	25.8	5.4	7.3	6.6	0.054	0.054	5.157	5.137	0.430	0.412	91.5

Million-Coal

Date Time	GEN1	FLOW1	CO2 duct1	CO2 duct2	CO2 stack	SO2 duct1	SO2 duct2	SO2 stack	SO2 (high)	NOX (low)	NOX (high)	Opacity duct1	Opacity duct2	Opacity stack	NOx rate(low)	NOx rate (high)	SO2 rate duct1	SO2 rate duct2	SO2 rate stack (low)	SO2 rate stack (high)	% SO2 red'n
7/19/2011 15:55	446.9	1290.5	10.108	12.15	10.38	1735.84	2115.26	148.97	139.9	25.5	25.5	4.6	7.1	5.8	0.05	0.049	5.196	5.131	0.43	0.403	91.7
7/19/2011 15:56	449.2	1271.4	10.065	12.04	10.37	1725.87	2079.84	148.93	140	22.1	22.1	3.4	7.1	5.4	0.046	0.046	5.192	5.128	0.43	0.404	91.7
7/19/2011 15:57	447	1263.9	10.106	12.06	10.33	1732.38	2092.9	149.83	139.5	21.3	21.3	5.8	7.2	6.3	0.044	0.044	5.179	5.119	0.429	0.403	91.6
7/19/2011 15:58	449.4	1270.3	10.172	12.16	10.31	1761.07	2147.01	150.13	141	23.7	23.7	6.1	7.3	6.8	0.049	0.049	5.259	5.162	0.435	0.406	91.7
7/19/2011 15:59	449.8	1235.9	10.154	12.18	10.39	1762.7	2154.05	152.32	143.1	23.4	23.4	5.8	7.4	6.6	0.049	0.048	5.293	5.134	0.439	0.411	91.6
7/19/2011 16:00	447.3	1278.9	10.092	12.05	10.38	1723.92	2065.95	154.32	143.4	22	22	6.1	4.3	5.8	0.046	0.046	5.212	5.129	0.445	0.419	91.4
7/19/2011 16:01	448.7	1259.4	10.131	12	10.3	1729.94	2062.99	149.87	140.4	21.7	21.7	6.2	2.2	4.2	0.045	0.046	5.137	5.079	0.437	0.409	91.4
7/19/2011 16:02	449.3	1258.8	10.129	11.99	10.31	1757.81	2058.72	144.26	135.4	20.9	21	6	1.7	4	0.044	0.044	5.13	5.083	0.419	0.394	91.6
7/19/2011 16:03	447.7	1280.3	10.377	12.1	10.36	1780.19	2092.89	141.74	132.7	21.1	21.1	5.9	2	3.9	0.044	0.043	5.167	5.116	0.409	0.383	92.1
7/19/2011 16:04	447.9	1309.7	10.217	12.09	10.43	1752.72	2095.34	142.8	133.2	22.1	22.2	6.1	2.1	4.2	0.045	0.045	5.174	5.13	0.41	0.382	92.1
7/19/2011 16:05	446.7	1322.7	10.189	12.14	10.39	1744.99	2103.49	142.62	133.5	21.2	21.2	6	2.2	4	0.044	0.044	5.174	5.113	0.41	0.383	92
7/19/2011 16:06	450.7	1314	10.355	12.07	10.58	1776.73	2096.56	145.71	136.6	23.6	23.5	4.3	1.9	3.3	0.048	0.048	5.133	5.124	0.418	0.392	91.9
7/19/2011 16:07	448.5	1294.9	10.291	12.08	10.44	1766.97	2038.62	150.05	141.1	25.5	25.5	5.4	2.1	3.6	0.050	0.050	5.168	5.13	0.43	0.405	91.6
7/19/2011 16:08	447.1	1279.2	10.265	12.17	10.4	1750.03	2110.8	149.07	139.9	22.3	22.4	5.7	1.9	3.9	0.047	0.047	5.176	5.126	0.43	0.402	91.7
7/19/2011 16:09	449.5	1278.4	10.379	12.16	10.41	1793.25	2117.72	147.43	137.9	20.2	20.4	5.8	1.9	4	0.042	0.042	5.198	5.134	0.423	0.396	91.8
7/19/2011 16:10	449.4	1281.5	10.292	12.16	10.48	1777.95	2113.85	147.71	138.5	23.4	23.4	6.5	2.1	4.2	0.047	0.047	5.201	5.143	0.422	0.396	91.8
7/19/2011 16:11	448.5	1289.4	10.273	12.15	10.46	1767.99	2117.93	143.99	139.9	25.4	25.5	5.9	1.8	4	0.052	0.052	5.205	5.139	0.424	0.398	91.8
7/19/2011 16:12	448.7	1274.3	10.191	12.2	10.45	1751.91	2120.13	149.11	139.9	23.3	23.3	5.8	2.1	3.3	0.049	0.049	5.211	5.136	0.427	0.401	91.8
7/19/2011 16:13	449.6	1282.7	10.258	12.19	10.41	1755.37	2129.62	146.94	137.5	21.8	21.8	5.5	1.9	3.7	0.045	0.045	5.213	5.129	0.423	0.396	91.5
7/19/2011 16:14	447.5	1278.9	10.265	12.13	10.45	1757.61	2101.65	146.73	137.5	23	23	6.4	2	4.2	0.047	0.047	5.18	5.114	0.419	0.393	91.9
7/19/2011 16:15	447.9	1294.9	10.2	12.08	10.44	1739.71	2085.98	146.47	137.3	21.5	21.4	6.2	1.9	4.2	0.044	0.044	5.164	5.103	0.419	0.390	91.8
7/19/2011 16:16	447	1298.6	10.342	12.15	10.37	1770.02	2122.19	144.74	135	19.9	19.9	6.3	1.8	4.1	0.041	0.041	5.211	5.107	0.413	0.39	91.9
7/19/2011 16:17	448.3	1286.4	10.168	12.13	10.44	1747.03	2127.69	147.73	139.4	21.9	22	5.9	1.9	3.9	0.045	0.045	5.221	5.141	0.423	0.396	91.9
7/19/2011 16:18	447.6	1286.3	10.109	11.98	10.4	1726.89	2100.42	145.13	137.9	22	22	6	1.8	3.9	0.043	0.046	5.189	5.108	0.426	0.396	91.9
7/19/2011 16:19	447.3	1277.1	4.506	2.15	9	370.67	628.05	123.24	114.8	15.3	15.3	6.2	1.9	4	0.021	0.024	25.583	7.558	0.39	0.364	86.1
7/19/2011 16:20	447.7	12.75	0.839	1.39	0.31	157.66	248.82	14.93	12.6	0.1	0	5.9	2	4	0.018	0.012	20.905	21.94	1.572	1.292	59.9
7/19/2011 16:21	446.7	1290.7	0.929	7.58	1.94	157.67	1176.35	32.71	20.3	7.2	7.2	5.8	2	4	0.016	0.073	4.563	5.599	0.503	0.428	83.5
7/19/2011 16:22	448.2	1304.5	7.78	11.49	8.97	1177.37	1914.67	134.53	126	24.5	24.5	5.7	1.9	3.8	0.06	0.06	4.998	4.372	0.452	0.424	90.5
7/19/2011 16:23	448.5	1301.2	10.005	11.62	10.52	1678.26	1989.92	159.55	149.9	26.0	27	5.8	2.3	4.1	0.055	0.055	5.113	4.971	0.455	0.426	91.6
7/19/2011 16:24	448.8	1295.8	10.111	11.7	10.53	1734.62	2012.13	153.26	145.7	26.1	26.1	5.6	1.9	3.9	0.053	0.053	5.134	5.115	0.435	0.408	91.7
7/19/2011 16:25	448.8	1298.9	10.167	11.77	10.46	1756.59	2041.02	149.36	140.6	24.9	25	5.8	1.8	3.9	0.051	0.051	5.173	5.155	0.426	0.401	91.6
7/19/2011 16:26	448.4	1300	10.209	11.87	10.45	1767.99	2060.89	151.17	141.9	24.5	24.6	6	2	4	0.05	0.05	5.236	5.174	0.432	0.405	91.7
7/19/2011 16:27	449.5	1310.8	10.241	11.8	10.46	1772.97	2043.46	153.15	143.3	23.2	23.2	5.6	2	3.9	0.048	0.048	5.186	5.175	0.439	0.41	91.5
7/19/2011 16:28	447.7	1302.4	10.226	11.87	10.44	1761.38	2052.61	152.01	142.6	23.1	23.1	6.2	2.1	4.1	0.047	0.043	5.162	5.155	0.436	0.408	91.6
7/19/2011 16:29	449.3	1290	10.338	12.03	10.4	1782.02	2097.17	150.73	141.5	23.3	23.2	5.6	1.9	3.8	0.048	0.043	5.207	5.143	0.437	0.406	91.6
7/19/2011 16:30	448.6	1289.1	10.296	11.97	10.47	1785.06	2090.66	150.9	141.5	24	24	5.9	2.1	4	0.049	0.049	5.224	5.18	0.431	0.404	91.7
7/19/2011 16:31	448.4	1283.7	10.263	11.85	10.52	1769.59	2043.25	150.32	140.6	22.9	22.8	6.1	2.1	4	0.046	0.047	5.167	5.145	0.427	0.399	91.7
7/19/2011 16:32	447.2	1275.4	10.139	11.85	10.43	1752.54	2030.23	144.13	134.9	23.2	23.2	6	1.8	4	0.048	0.048	5.12	5.109	0.413	0.388	91.9
7/19/2011 16:33	447.9	1281.8	10.156	11.92	10.36	1722.41	2040.4	138.1	129.2	21.7	21.7	5.9	1.8	3.9	0.045	0.045	5.11	5.07	0.398	0.370	92.2
7/19/2011 16:34	449.5	1298.6	10.103	11.97	10.35	1727.7	2064.21	139.93	129.9	20.1	20.1	6.1	2	4.1	0.042	0.042	5.146	5.103	0.401	0.375	92.2
7/19/2011 16:35	447.8	1307.4	10.031	12.06	10.36	1724.85	2093.71	144.65	135.6	20.6	20.6	5.9	1.8	3.9	0.043	0.043	5.16	5.115	0.417	0.391	91.9
7/19/2011 16:36	450.8	1316.2	10.205	12.1	10.36	1750.49	2117.1	147.76	138.8	22.7	22.7	5.7	1.9	3.7	0.047	0.047	5.221	5.12	0.426	0.4	91.8
7/19/2011 16:37	448.9	1327	10.177	12.12	10.42	1751.1	2126.20	148.83	139	25.4	25.3	4.5	1.9	3.6	0.052	0.052	5.255	5.143	0.427	0.399	91.8
7/19/2011 16:38	447.3	1312.6	10.094	12.01	10.44	1753.94	2066.18	149.65	138.8	24.4	24.3	4.9	1.8	3	0.05	0.05	5.188	5.186	0.425	0.397	91.8
7/19/2011 16:39	448.2	1277.4	10.033	12.01	10.41	1739.5	2071.33	145.44	136.3	25.1	25.3	4.4	1.9	3.4	0.052	0.052	5.165	5.145	0.417	0.391	92
7/19/2011 16:40	447.8	1264.3	10.192	12	10.3	1740.11	2060.75	143.73	134.3	24.1	24.1	5.9	2	3.8	0.05	0.049	5.129	5.1	0.413	0.386	91.9
7/19/2011 16:41	449.1	1279.5	10.271	12	10.37	1761.07	2087.46	145.05	132.5	22.3	22.5	5.7	2	3.9	0.047	0.047	5.142	5.123	0.41	0.382	92
7/19/2011 16:42	448.2	1296.8	10.225	12.03	10.42	1735.55	2079.67	144.67	135.7	23.3	23.3	5.6	2	3.9	0.048	0.048	5.169	5.161	0.415	0.389	92
7/19/2011 16:43	447.5	1303	10.201	12.07	10.43	1749.99	2087.4	147.78	138.3	24.1	24	5.7	2	3.9	0.049	0.049	5.183	5.124	0.424	0.396	91.8
7/19/2011 16:44	448.7	1300.9	10.304	12.16	10.39	1772.46	2119.75	147.25	137.8	24.8	24.7	6	1.9	4	0.051	0.051	5.198	5.134	0.424	0.398	91.9
7/19/2011 16:45	449.6	1299.2	10.369	12.17	10.44	1790.16	2137.66	148.63	139.2	24.5	24.5	5.8	2	4.1	0.05	0.05	5.240	5.157	0.426	0.398	91.9
7/19/2011 16:46	448	1293.9	10.298	12.01	10.49	1783.23	2068.39	150.52	141.4	25.4	25.4	6.2	2	3.9	0.052	0.052	5.228	5.175	0.429	0.403	91.7
7/19/2011 16:47	448.5	1288.2	10.175	11.9	10.44	1747.64	2050.98	147.31	138.2	27.7	27.7	6	2	3.9	0.057	0.057	5.164	5.147	0.421	0.395	91.8
7/19/2011 16:48	446.4	1252.6	10.15	12.03	10.34	1729.51	2072.14	141.66	132.9	22.9	22.9	6	2	4.1	0.048	0.047	5.134	5.09	0.409	0.380	92
7/19/2011 16:49	448.6	1278.8	10.161	12.08	10.31	1738.43	2104.29	141.35	132.7	20	19.9	6.1	1.9	4.1	0.042	0.041	5.214	5.11	0.41	0.385	92.1
7/19/2011 16:50	448.5	1287.2	10.174	11.85	10.39	1740.92	2029.83	145.25	135.8	18.6	18.5	6.6	1.9	4.2	0.039	0.038	5.128	5.109	0.418	0.391	91.9
7/19/2011 16:51	447.3	1305.3	10.241	11.98	10.3	1753.95	2052.51	143.91	134.2	20.5	20.5	6.3	2	4.1	0.043	0.043	5.127	5.117	0.417	0.39	91.8
7/19/2011 16:52	448.9	1309.9	10.252	12.15	10.31	1763.71	2114.26	143.2	134.2	23.6	23.6	5.9	1.7	3.9	0.049	0.049	5.194	5.139	0.415	0.390	92
7/19/2011 16:53	448.7	1290.7	10.223	12.06	10.41	1763.51	2108.36	146.66	137	28	28	6.2	1.9	3.9	0.059	0.058	5.215	5.152	0.421	0.393	91.9
7/19/2011 16:54	448.7	1270.7	10.316	12.14	10.42	1765.75	2112.83	147.27	137.4	27.6	27.6	5.5	1.9	3.3	0.057	0.057	5.206	5.118	0.422	0.394	91.8
7/19/2011 16:55	447.3	1260.7	10.299	12.01	10.45	1765.34	2066.45	147.03	137.7	27.1	27.1	5.5	2	3.8	0.056	0.056	5.149	5.121	0.421	0.394	91.8
7/19/2011 16:56	447.1	1261.3	10.308	11.97	10.44	1764.73	2057.09	145.93	136.7	25.1	25.2	6.2	2	4	0.052	0.052	5.134	5.116	0.419	0.391	91.8
7/19/2011 16:57	448.3	1272.5	10.278	12.03	10.4	1767.78	2078.04	145.8	136.1	22.9	22.9	6	1.9	4.1	0.047	0.047	5.156	5.127	0.419	0.391	91.9
7/19/2011 16:58	448	1291.2	10.298	12.04	10.41	1772.87	2084.15	146.15	137	22.9	23	5.8	2.3	4.1	0.047	0.047	5.169	5.143	0.42	0.393	91.9
7/19/2011 16:59	448	1302.8	10.269	12.12	10.4	1770.02	2113.04	146.51	137.1	23.9	23.9	5.9	2.1	4.1	0.049	0.049	5.207	5.148	0.421	0.394	91.9
7/19/2011 17:00	448.4	1287.8	10.213	12	10.43	1750.8	2077.03	146.46	137.3	25.3	25.3	6.2	1.8	4.1	0.052	0.052	5.16	5.142	0.419	0.395	91.9
7/19/2011 17:01	448	1270.9	10.242	12.06	10.37	1769.61	2093.5	144.07	134.6	24.5	24.5	5.9	1.9	4	0.051	0.051	5.171	5.148	0.416	0.388	91.9
7/19/2011 17:02	448.4	1275.3	10.351	12.11	10.38	1786.94	2113.04	144.54	135.4	23.7	23.7	6	2	4	0.049	0.049	5.21	5.157	0.417	0.391	91.9
7/19/2011 17:03	448	1272.7	10.336	12.07	10.43	1785.69	2100.93	148.9	139.3	25.2	25.3	6.2	2	4	0.052	0.052	5.208	5.162	0.426	0.399	91.8
7/19/2011 17:04	447.6	1266.1	10.303	12.02	10.42	1778.77	2079.67	149.3	138.6	23.3	23.3	6.2	2	4.2	0.048	0.048	5.174	5.154	0.425	0.397	91.8
7/19/2011 17:05	447.9	1274.7	10.173	11.95	10.43	1752.52	2057.7	146.54	137.4	22.1	22.2	5.7	2.1	3.8	0.046	0.046	5.151	5.15	0.42	0.393	91.8
7/19/2011 17:06	447.5	1292.7	10.271	11.97	10.36	1769	2072.55	144.5	135.4	22.7	22.7	6.1	2	4	0.047	0.047	5.171	5.145	0.417	0.391	91.9
7/19/2011 17:07	447.8	1296.8	10.171	12.02	10.38	1759.03	2083.94	144.26	134.9	25.3	25.3	5.9	2	4	0.052	0.052	5.178	5.164	0.415	0.388	92
7/19/2011 17:08	448.9	1293.9	10.027	12.1	10.36	1726.89	2100.58	145.93	136.9	24.5	24.5	6.2	1.9	4.1	0.051	0.051	5.206	5.153	0.421	0.394	91.9
7/19/2011 17:09	448.1	1299.9	10.043	12.08	10.33	1715.87	2102.86	145.99	136.6	20.8	20.7	6	2	4	0.043	0.043	5.207	5.137	0.422	0.395	91.8
7/19/2011 17:10	449.5	1311.4	10.031	12.11	10.32	1722.82	2115.89	146.94	137.7	19.3	19.2	6.1	2	4	0.04	0.04	5.209	5.13	0.426	0.399	91.5
7/19/2011 17:11	447.7	1312.4	10.037	12.05	10.34	1724.21	2099.81	143.56	129.2	20	20	5.8	1.9	3.8	0.042	0.042	5.214	5.136	0.429	0.401	91.7
7/19/2011 17:12	446.7	1301.2	10.011	11.98	10.34	1717.94	2070.92	144.29	129.3	21.8	22	5.9	1.8	3.9	0.045	0.045	5.167	5.133	0.43	0.404	91.7
7/19/2011 17:13	449.2	1286.2	10.004	12.05	10.27	1715.9	2090.25	145.55	136.6	20.3	20.3	5.6	2.2	3.9	0.043	0.044	5.175	5.124	0.424	0.398	91.5
7/19/2011 17:14	450.5	1284.1	10.023	12.1	10.26	1720.78	2103.44	143.85	134.8	19.9	19.9	5.9	2.1	4	0.042	0.042	5.188	5.123	0.42	0.395	91.9
7/19/2011 17:15	447.8	1295.3	10.173	12.09	10.27	1758.59	2120.77	142.87	133.6	22	22	6	2	4.1	0.045	0.045	5.15	5.151	0.415	0.388	92
7/19/2011 17:16	447.3	1292.6	10.046	12.02	10.35	1734.82	2095.34	146.03	136.6	24.9	25	6.1	2.1	4.1	0.052	0.052	5.207	5.164	0.424	0.398	91.8
7/19/2011 17:17	447.5	1303.2	10.137	12.01	10.26	1797.27	2078.25	149.94	140.8	24	24.1	5.7	2.1	4	0.05	0.05	5.184	5.123	0.426	0.409	91.6
7/19/2011 17:18	444.9	1305	10.196	11.75	10.27	1753.95	2071.94	148.24	138	25.4	25.2	5.3	2.2	3.9	0.052	0.052	5.254	5.139	0.412	0.403	91.5
7/19/2011 17:19	448.3	1291	3.924	2.01	7.15	895.39	595.91	107.46	96.2	13.4	13.5	6	2.1	4.1	0.039	0.039	25.286	7.997	0.420	0.396	87.7

Date Time	GEN1	FLOW1	CO2 duct1	CO2 duct2	CO2 stack	SO2 duct1	SO2 duct2	SO2 stack	SO2 (high)	NOX (low)	NOX (high)	Opacity duct1	Opacity duct2	Opacity stack	NOx rate(low)	NOx rate (high)	SO2 rate duct1	SO2 rate duct2	SO2 rate stack (low)	SO2 rate stack (high)	% SO2 red'n
7/19/2011 17:20	448.6	1285	0.855	1.4	0.24	158.28	242.92	11.98	9.3	0.4	0.4	6.3	2.4	4.2	0.025	0.021	18.461	23.136	1.718	1.318	52.7
7/19/2011 17:21	448.8	1279.1	1.293	7.72	2.8	207.11	1185.71	44.71	40.8	10.1	10.1	6.1	2.1	4.2	0.092	0.095	4.850	5.246	0.54	0.454	85.5
7/19/2011 17:22	448.7	1265.3	8.071	11.45	9.15	1241.98	1915.49	135.35	126.7	21.6	21.6	6	2.1	4.1	0.053	0.053	4.943	4.477	0.428	0.409	90.2
7/19/2011 17:23	448.5	1272.1	9.939	11.79	10.47	1685.38	1998.05	158.95	149	23.5	23.4	5.6	2.1	3.9	0.049	0.048	5.129	5.026	0.455	0.427	91.4
7/19/2011 17:24	445.4	1297	10.075	11.66	10.43	1732.30	2022.5	158.72	146.8	24.4	24.3	5.9	2	4	0.05	0.049	5.195	5.131	0.449	0.421	91.6
7/19/2011 17:25	443	1317.4	10.201	11.86	10.42	1763.1	2063.4	158.32	146.2	26.2	26.2	5.9	2.1	4.1	0.054	0.054	5.194	5.104	0.449	0.42	91.4
7/19/2011 17:26	449.7	1316.1	10.286	11.68	10.46	1778.36	2078.65	155.62	146.1	29	28.9	6	2	4	0.059	0.059	5.227	5.165	0.445	0.417	91.4
7/19/2011 17:27	447	1322.5	10.167	11.82	10.5	1770.43	2050.17	154.77	145.4	30.8	30.9	5.9	2	3.9	0.063	0.063	5.191	5.203	0.442	0.415	91.5
7/19/2011 17:29	448.5	1303.9	9.946	11.74	10.43	1711.63	2016.6	150.7	141.1	28.5	28.6	6.1	2.2	4.2	0.06	0.06	5.123	5.155	0.433	0.405	91.6
7/19/2011 17:29	443.2	1295.9	9.916	11.76	10.25	1695.07	2012.94	142.28	133.2	25.2	25.4	5.7	2.1	4	0.053	0.054	5.114	5.1	0.417	0.39	91.2
7/19/2011 17:30	443.5	1309.8	10.053	11.84	10.22	1714.07	2029.01	142.52	133.5	21.6	21.7	5.6	2	3.8	0.047	0.047	5.121	5.091	0.414	0.388	91.9
7/19/2011 17:31	443.4	1325.7	10.126	11.97	10.25	1739.5	2078.65	146.92	137.1	22.4	22.5	6	2	3.9	0.048	0.048	5.19	5.126	0.423	0.4	91.7
7/19/2011 17:32	447.6	1332.9	10.134	11.92	10.33	1751.71	2071.74	146.55	136.7	27.2	27.1	6	2.1	4.1	0.056	0.056	5.194	5.162	0.424	0.398	91.8
7/19/2011 17:33	448.3	1322.3	10.067	11.87	10.31	1742.55	2052.61	146.08	136.7	27.5	27.6	6	2	4	0.057	0.057	5.166	5.172	0.424	0.397	91.8
7/19/2011 17:34	446.8	1321.6	10.057	11.89	10.28	1727.01	2055.26	143.19	133.6	24.7	24.8	6.1	1.9	4	0.053	0.053	5.165	5.15	0.417	0.389	91.9
7/19/2011 17:35	449	1318.7	10.124	11.87	10.26	1741.74	2052.21	144.01	135.4	23.9	23.7	5.9	2	4	0.049	0.049	5.167	5.136	0.419	0.392	91.6
7/19/2011 17:36	447.5	1313.4	10.173	11.97	10.3	1761.27	2092.69	145.89	136.9	25.5	25.4	6	2.1	4	0.053	0.053	5.225	5.167	0.423	0.397	91.5
7/19/2011 17:37	447.8	1304.8	10.171	11.93	10.33	1762.08	2085.17	147.28	137.9	26	26.1	5.9	2	4	0.054	0.054	5.222	5.177	0.426	0.398	91.8
7/19/2011 17:38	448	1298.2	10.072	11.94	10.34	1738.08	2047.12	148.21	139.1	25.9	26	6.1	2.1	4.1	0.053	0.054	5.165	5.185	0.428	0.401	91.7
7/19/2011 17:39	447.2	1276.4	10.151	11.81	10.27	1736.65	2029.85	144.96	135.7	24.3	24.3	5.9	2.1	4	0.052	0.052	5.137	5.114	0.423	0.398	91.8
7/19/2011 17:40	447.2	1288.2	10.142	11.9	10.26	1753.8	2052.41	142.8	132.2	22.8	22.7	5.8	2.1	4	0.047	0.047	5.154	5.108	0.418	0.393	91.9
7/19/2011 17:41	449.4	1281.4	10.205	11.59	10.28	1759.85	2058.31	141.94	132.8	26.8	26.9	6.1	1.9	4	0.055	0.054	5.173	5.146	0.414	0.387	92
7/19/2011 17:42	449.7	1288.1	10.337	11.89	10.3	1790.16	2082.18	140.43	131.7	30.8	30.9	6	2	4	0.063	0.064	5.184	5.169	0.409	0.383	92.1
7/19/2011 17:43	448.5	1286.5	10.394	11.97	10.34	1804.4	2087.8	141.83	132.2	32	32.2	5.8	1.9	3.9	0.066	0.067	5.211	5.185	0.408	0.38	92.1
7/19/2011 17:44	448.4	1270.2	10.369	11.92	10.4	1787.11	2074.38	145.1	135.4	32.6	32.5	6.1	2	3.9	0.063	0.067	5.201	5.188	0.415	0.387	92
7/19/2011 17:45	449.9	1261	10.239	11.89	10.36	1760.46	2045.49	146.38	137	29.7	28.6	5.8	1.9	3.8	0.061	0.061	5.141	5.143	0.422	0.396	91.8
7/19/2011 17:46	449.9	1271	10.315	11.85	10.3	1767.32	2037.15	142.46	133.5	28.8	28.7	6.1	2	4	0.056	0.058	5.136	5.121	0.414	0.388	91.9
7/19/2011 17:47	448.1	1289.1	10.414	11.91	10.5	1794.42	2051.13	140.05	130.9	25.8	25.7	6.1	1.9	4	0.054	0.054	5.147	5.146	0.407	0.381	92.1
7/19/2011 17:48	449	1299.8	10.177	11.98	10.37	1751.91	2059.73	141.18	132	27.4	27.3	6.1	2	3.9	0.056	0.056	5.146	5.148	0.407	0.379	92.1
7/19/2011 17:49	448.5	1303.1	10.371	12.12	10.33	1767.55	2112.45	140.59	131.9	26.9	26.8	5.9	1.9	4	0.056	0.056	5.21	5.14	0.407	0.381	92.1
7/19/2011 17:50	447.2	1298.5	10.318	12.05	10.37	1783.85	2112.02	145.49	136.0	28.1	28.3	6	2	4	0.058	0.055	5.259	5.187	0.417	0.391	92
7/19/2011 17:51	449.4	1288.9	10.247	12.04	10.42	1789	2113.65	146.57	136.8	28.7	28.7	5.8	2	3.9	0.059	0.059	5.217	5.156	0.425	0.399	91.8
7/19/2011 17:52	442.4	1278.3	10.281	12.01	10.33	1774.9	2095.74	148.58	139.2	29.1	29	6.4	2.3	4.3	0.06	0.06	5.216	5.159	0.429	0.401	91.7
7/19/2011 17:53	449.6	1278.3	10.36	11.91	10.36	1737.52	2066.04	146.55	139	28.6	28.7	6	2	4.1	0.06	0.059	5.184	5.154	0.428	0.401	91.7
7/19/2011 17:54	448.2	1282.7	10.341	11.95	10.36	1781.41	2066.45	146.05	137	26.5	26.7	6.2	2	4.1	0.055	0.056	5.167	5.15	0.422	0.396	91.8
7/19/2011 17:55	447.8	1287.4	10.248	11.95	10.57	1765.34	2063.4	143.29	134.1	25.1	25.1	5.9	2.1	4	0.052	0.052	5.161	5.146	0.414	0.387	92
7/19/2011 17:56	447.6	1282.1	10.216	12.05	10.52	1754.96	2095.54	141	132.5	24.9	25	6.2	2.1	4.1	0.052	0.052	5.198	5.133	0.409	0.384	92.1
7/19/2011 17:57	449.5	1281.2	10.282	11.9	10.34	1767.17	2055.25	142.39	133.2	28.1	28.1	5.9	1.8	3.9	0.058	0.058	5.16	5.134	0.41	0.385	92
7/19/2011 17:58	448.5	1299.8	10.219	11.97	10.32	1761.47	2069.5	145.17	136.7	29.7	29.7	5.9	2	3.9	0.062	0.062	5.164	5.152	0.419	0.394	91.9
7/19/2011 17:59	451	1318.3	10.369	12.12	10.3	1786.03	2108.67	148.24	138.9	29.1	29.2	6.3	1.8	4.1	0.061	0.061	5.273	5.147	0.423	0.402	91.3
7/19/2011 18:00	447.1	1322.2	10.304	12.16	10.39	1793.62	2177.94	152.14	142.2	32.6	32.7	5.8	1.9	3.9	0.066	0.066	5.259	5.199	0.437	0.41	91.7
7/19/2011 18:01	445.5	1311.1	10.114	11.83	10.43	1750.63	2070.11	154.38	144.1	33.6	33.9	5.8	2	3.8	0.07	0.07	5.205	5.171	0.442	0.413	91.5
7/19/2011 18:02	447.8	1277.4	10.059	11.86	10.25	1721.19	2031.05	145.42	136.3	24.2	24.2	5.7	2	4	0.055	0.055	5.117	5.117	0.423	0.401	91.6
7/19/2011 18:03	450.5	1285	10.135	12.01	10.19	1731.57	2068.68	139.3	130.6	16.2	16.2	5.9	2	4	0.035	0.035	5.146	5.102	0.41	0.385	92
7/19/2011 18:04	444.3	1274.9	10.184	12.04	10.24	1751.91	2098.59	140.01	131	17.1	17.2	6	1.9	4	0.035	0.035	5.209	5.14	0.407	0.381	92.1
7/19/2011 18:05	449.1	1285.6	10.229	12.07	10.3	1770.63	2108.12	143.37	134.9	19.4	19.3	5.7	2	3.9	0.04	0.04	5.215	5.173	0.415	0.388	92
7/19/2011 18:06	449.2	1308.4	10.181	12.00	10.33	1758.42	2091.67	146.2	136.4	22.4	22.6	5.8	2	3.9	0.048	0.048	5.193	5.164	0.422	0.394	91.9
7/19/2011 18:07	447.6	1322.4	10.238	12.01	10.32	1763.51	2075.4	149.93	140.6	25.6	25.6	5.8	1.9	3.9	0.053	0.053	5.165	5.15	0.430	0.406	91.6
7/19/2011 18:08	448.5	1325.9	10.29	12.04	10.3	1770.63	2085.17	147.81	138.1	29.2	29.3	6	1.9	4	0.06	0.06	5.174	5.142	0.43	0.401	91.6
7/19/2011 18:09	448.8	1310.7	10.413	12.13	10.25	1801.76	2116.09	146.91	137.7	31.1	31	5.9	1.9	3.9	0.064	0.064	5.210	5.17	0.425	0.390	91.6
7/19/2011 18:10	448.6	1303.2	10.401	12.16	10.44	1802.78	2153.72	145.8	136.3	30.8	30.8	6	1.9	4	0.064	0.061	5.29	5.18	0.418	0.391	92
7/19/2011 18:11	450.9	1295.3	10.255	12.05	10.45	1782.02	2114.26	146.33	136.8	27.1	27.2	6	1.9	4	0.057	0.057	5.242	5.172	0.418	0.391	92
7/19/2011 18:12	449.8	1286.1	10.248	12.05	10.4	1758.42	2099.23	145.61	133.6	23.5	23.5	5.9	1.9	3.9	0.049	0.049	5.179	5.127	0.416	0.392	91.9
7/19/2011 18:13	449.2	1281.6	10.216	12.06	10.35	1754.78	2097.17	144.78	135	22.1	22.2	5.8	2	4	0.046	0.046	5.137	5.132	0.418	0.391	91.9
7/19/2011 18:14	448.2	1283.8	10.186	12.04	10.35	1747.03	2088.22	143.51	133.8	20.9	21.2	6.1	2	4.1	0.043	0.044	5.183	5.125	0.415	0.387	91.9
7/19/2011 18:15	446.6	1282.5	10.15	11.97	10.31	1739.09	2062.78	141.99	132.7	20.5	20.5	6.2	1.8	4	0.042	0.043	5.15	5.12	0.412	0.385	92
7/19/2011 18:16	447.2	1297.4	10.17	12.02	10.26	1747.23	2072.55	141.13	132.3	23	23	6.2	1.8	3.9	0.047	0.046	5.153	5.133	0.411	0.385	92
7/19/2011 18:17	443.5	1316.8	10.19	12.13	10.26	1766.12	2120.06	143	133.6	25.1	25.3	5.9	2.1	4.1	0.053	0.053	5.239	5.173	0.416	0.39	92
7/19/2011 18:18	448.9	1317.3	10.308	12.05	10.3	1795.01	2114.26	147.46	138.8	26.4	26.5	6.1	2.2	4.2	0.055	0.055	5.244	5.204	0.427	0.397	91.9
7/19/2011 18:19	450.2	1304.5	4.22	3.34	7.81	344.82	936.28	113.24	105.4	17.4	17.5	5.7	2	3.9	0.041	0.042	25.367	12.257	0.440	0.403	89
7/19/2011 18:20	449	1295.3	0.679	0.74	0.23	169.68	174.36	12.63	10.1	0.2	0.3	5.8	1.8	3.9	0.023	0.023	20.241	17.774	1.835	1.321	65
7/19/2011 18:21	447.1	1291.9	1.209	6.51	2.78	201.82	993.04	39.20	35.7	9.7	9.8	5.6	2	3.8	0.091	0.093	4.527	5.297	0.526	0.471	83.2
7/19/2011 18:22	449.2	1289.9	7.835	11.25	9.46	1205.24	1834.51	139.85	130.7	24.2	24.1	5.9	2.1	4	0.058	0.058	4.872	4.54	0.441	0.412	90.6
7/19/2011 18:23	448.6	1258.4	9.949	11.53	10.46	1664.63	1960.85	154.92	144.0	21.7	21.7	6.4	2.2	4.4	0.045	0.045	5.052	4.999	0.442	0.413	91.8
7/19/2011 18:24	445.8	1258.8	10.062	11.63	10.4	1726.07	2001.95	147.85	139.1	20	19.9	6.8	2.3	4.4	0.041	0.041	5.143	5.129	0.425	0.399	91.6
7/19/2011 18:25	449.1	1271.1	10.196	11.86	10.38	1755.98	2070.72	145.99	137	23.4	23.5	6.3	1.9	4.1	0.048	0.048	5.215	5.148	0.42	0.394	91.9
7/19/2011 18:26	450.3	1292.2	10.428	11.97	10.45	1828.63	2123.92	150.71	141.1	23.4	26.4	6.2	2.2	4.2	0.05	0.059	5.3	5.149	0.431	0.404	91.8
7/19/2011 18:27	449.2	1294.4	10.264	11.91	10.54	1800.33	2107.34	158.15	148.5	30.7	30.7	5.5	2.1	4	0.063	0.063	5.264	5.24	0.449	0.421	91.5
7/19/2011 18:28	449.3	1293.2	10.084	11.74	10.48	1742.15	2031.47	154.85	145	26.3	26.2	5.7	2	3.9	0.054	0.054	5.171	5.162	0.432	0.415	91.4
7/19/2011 18:29	449.2	1274.1	10.076	11.73	10.31	1722.62	2013.75	144.63	135.7	21.3	21.2	5.8	2.1	4	0.044	0.044	5.128	5.109	0.419	0.392	91.8
7/19/2011 18:30	447.8	1273.4	10.220	11.8	10.24	1753.01	2027.59	138.35	128.9	18.5	18.5	5.9	2	3.9	0.039	0.039	5.133	5.135	0.405	0.377	92.1
7/19/2011 18:31	447.6	1286.5	10.199	11.87	10.3	1761.68	2050.99	139.27	130.3	21.3	21.3	5.8	2.3	4.1	0.045	0.045	5.165	5.161	0.405	0.377	92.2
7/19/2011 18:32	449.4	1305.2	10.141	11.9	10.33	1750.54	2072.95	140.47	134.2	23.4	23.5	5.9	2	4	0.049	0.049	5.216	5.166	0.414	0.387	92
7/19/2011 18:33	448.9	1314.4	10.164	11.89	10.31	1762.9	2116.7	146.39	137.1	24	24	5.8	2.4	4.1	0.049	0.049	5.261	5.179	0.424	0.396	91.9
7/19/2011 18:34	448.8	1314.8	10.298	11.99	10.34	1734.23	2133.18	151.14	142	29.2	29.2	5.5	2.2	3.9	0.059	0.059	5.308	5.2	0.434	0.407	91.7
7/19/2011 18:35	450.1	1310	10.101	11.98	10.41	1762.49	2136.23	155.81	146.2	32.3	32.2	5.7	2	3.8	0.067	0.067	5.339	5.219	0.447	0.419	91.6
7/19/2011 18:36	452.2	1305.4	9.831	11.8	10.35	1690.33	2051.59	153.8	144.1	28.2	28.3	5.6	2.1	3.9	0.061	0.061	5.215	5.152	0.446	0.418	91.4
7/19/2011 18:37	449	1290	9.908	11.78	10.15	1692.51	2019.04	147.91	138.6	21.3	21.3	5.5	2	3.8	0.046	0.046	5.132	5.092	0.427	0.4	91.7
7/19/2011 18:38	447.7	1282.7	9.977	11.71	10.15	1699.42	1994.60	138.62	129.8	21.9	22	5.8	2	3.9	0.046	0.046	5.099	5.090	0.41	0.384	91.9
7/19/2011 18:39	446.2	1271.2	9.997	11.61	10.14	1705.12	2022.3	135.72	127.8	24.5	24.4	5.5	1.8	3.8	0.052	0.051	5.109	5.09	0.4	0.377	92.2
7/19/2011 18:40	448.4	1299.4	10.117	11.94	10.17	1737.27	2074.78	141.26	132	26.5	26.5	5.7	1.9	3.8	0.055	0.055	5.181	5.123	0.411	0.384	92
7/19/2011 18:41	449.1	1323.2	10.29	11.92	10.28	1784.67	2087	150.66	141.6	31.1	31	5.7	2	3.9	0.064	0.063	5.222	5.175	0.436	0.41	91.6
7/19/2011 18:42	447.1	1324.1	10.207	11.96	10.37	1772.37	2091.47	150.41	142.1	33.1	33.2	5.6	2	3.8	0.069	0.069	5.203	5.193	0.442	0.413	91.5
7/19/2011 18:43	443.3	1315.6	10.143	11.84	10.35	1751.1	2048.71	151.81	142.1	30.6	30.6	5.4	1.9	3.8	0.064	0.064	5.169	5.162	0.44	0.411	91.5
7/19/2011 18:44	447.9	1305.3	10.155	11.87	10.28	1741.94	2053.83	145.22	135.8	27.1	27.1	5.9	1.9	3.9	0.058	0.058	5.164	5.139	0.424	0.396	91.8

Date Time	GEN1	FLOW1	CO2 duct1	CO2 duct2	CO2 stack	SO2 duct1	SO2 duct2	SO2 stack	SO2 (high)	NOX (low)	NOX (high)	Opacity duct1	Opacity duct2	Opacity stack	NOx rate(low)	NOx rate (high)	SO2 rate duct1	SO2 rate duct2	SO2 rate stack (low)	SO2 rate stack (high)	% SO2 red'n
7/19/2011 18:45	448.9	1287.1	10.113	11.98	10.25	1757.06	2085.37	141.14	132	24.2	24.0	5.8	2	3.9	0.051	0.051	5.195	5.120	0.412	0.395	92
7/19/2011 18:46	448.3	1281.2	10.102	12	10.3	1758.89	2097.57	142.71	133.6	23.7	23.7	6.1	2.2	4.1	0.05	0.05	5.219	5.147	0.413	0.387	92
7/19/2011 18:47	448.0	1286.9	10.157	12.05	10.28	1743.66	2109.76	144.35	135	24	23.9	5.8	1.9	4	0.049	0.05	5.236	5.142	0.419	0.392	91.9
7/19/2011 18:48	447.2	1300.9	10.169	11.96	10.32	1753.13	2082.93	146.05	137	26.8	26.7	5.7	1.9	3.8	0.055	0.055	5.207	5.15	0.423	0.396	91.8
7/19/2011 18:49	448	1316.3	10.152	11.99	10.31	1741.94	2072.14	146.07	136.9	26.5	26.5	6.1	2	4.1	0.06	0.06	5.167	5.132	0.423	0.396	91.8
7/19/2011 18:50	448	1314	10.194	11.91	10.31	1749.47	2059.72	144.7	135.6	27.1	27.1	5.9	1.9	3.6	0.057	0.057	5.167	5.127	0.419	0.392	91.9
7/19/2011 18:51	448.2	1304.5	10.214	11.96	10.32	1761.39	2072.01	144.08	134.2	26	26	5.9	1.9	4	0.054	0.055	5.163	5.146	0.418	0.39	91.9
7/19/2011 18:52	449.4	1304.6	10.212	12.08	10.34	1766.36	2125.24	144.17	134.6	24.8	24.7	5.9	1.6	3.8	0.052	0.052	5.245	5.166	0.417	0.399	92
7/19/2011 18:53	449.3	1312.3	10.197	12.04	10.37	1767.38	2120.57	146.19	136.8	24.6	24.6	5.8	1.7	3.9	0.05	0.051	5.282	5.161	0.42	0.394	91.9
7/19/2011 18:54	448.8	1306.5	10.095	11.90	10.38	1742.96	2095.54	149.15	139.9	26.8	26.8	5.5	1.9	3.7	0.054	0.054	5.241	5.165	0.429	0.402	91.8
7/19/2011 18:55	447	1284.6	10.016	11.9	10.32	1712.24	2066.45	143.97	140	27.8	27.7	5.7	1.9	3.6	0.059	0.058	5.195	5.112	0.432	0.405	91.6
7/19/2011 18:56	447.2	1273.3	10.123	11.92	10.25	1728.92	2052.41	143.46	133.9	25.6	25.5	5.9	1.9	3.8	0.054	0.054	5.133	5.104	0.421	0.393	91.5
7/19/2011 18:57	447.1	1281	10.278	12.12	10.25	1765.95	2113.73	139.44	130	24.9	25	6.2	1.9	4.2	0.052	0.052	5.224	5.121	0.407	0.38	92.1
7/19/2011 18:58	448.9	1284.8	10.197	12.07	10.39	1770.02	2119.95	141.75	132.5	26.8	26.7	6.1	2	4.1	0.058	0.058	5.25	5.185	0.407	0.38	92.2
7/19/2011 18:59	449.3	1285.6	10.183	11.97	10.38	1757.81	2086.13	145.01	135.3	30.2	30.3	5.7	2	3.8	0.063	0.063	5.219	5.168	0.416	0.389	92
7/19/2011 19:00	448.8	1280.7	10.121	11.94	10.32	1745.2	2068.89	145.02	135.8	28.9	28.8	5.4	1.9	3.7	0.061	0.061	5.173	5.153	0.42	0.394	91.9
7/19/2011 19:01	448.7	1272.7	10.113	11.97	10.27	1738.04	2086.65	143.42	134.2	27	27	5.4	1.8	3.6	0.057	0.057	5.154	5.131	0.418	0.391	91.9
7/19/2011 19:02	447.6	1276.3	10.217	11.96	10.28	1755.17	2085.84	142.69	133.6	26.6	26.6	5.6	1.9	3.9	0.056	0.056	5.161	5.129	0.415	0.389	92
7/19/2011 19:03	448.8	1294.8	10.233	11.96	10.32	1764.94	2068.99	144.57	135	27.2	27.3	5.2	1.9	3.6	0.057	0.057	5.161	5.154	0.418	0.391	91.9
7/19/2011 19:04	448.5	1303	10.29	12	10.34	1767.78	2093.91	146.23	137.2	29.4	29.3	5.7	1.9	3.8	0.059	0.059	5.228	5.150	0.423	0.396	91.9
7/19/2011 19:05	447.7	1327.1	10.194	11.94	10.34	1769.02	2095.13	148.49	139.9	29.9	29.9	5.5	1.9	3.8	0.062	0.062	5.25	5.186	0.427	0.4	91.8
7/19/2011 19:06	448.9	1303.8	10.233	11.93	10.32	1770.22	2086.18	148.25	139	29.8	28.7	5	2	3.5	0.06	0.06	5.228	5.172	0.43	0.404	91.9
7/19/2011 19:07	448.2	1277.5	10.127	11.89	10.35	1740.92	2071.74	145.6	136	28.2	28.2	5.7	1.8	3.9	0.059	0.059	5.214	5.144	0.422	0.394	91.8
7/19/2011 19:08	447.4	1266	10.145	11.91	10.31	1739.5	2072.14	143.16	133.8	26.5	26.5	5.5	1.9	3.8	0.055	0.055	5.202	5.121	0.415	0.387	91.9
7/19/2011 19:09	447	1282	10.147	11.87	10.3	1745.2	2055.63	144.92	135.3	26.7	26.7	5.4	1.9	3.6	0.056	0.056	5.163	5.137	0.42	0.392	91.9
7/19/2011 19:10	447.6	1302.9	10.11	11.99	10.28	1740.31	2087	144.29	134.5	25	24.9	5.8	1.7	3.8	0.053	0.053	5.194	5.141	0.419	0.391	91.9
7/19/2011 19:11	448.9	1329.1	10.014	12.01	10.3	1724.04	2097.78	144.48	135.6	23.4	23.4	6	2.2	4.1	0.049	0.049	5.22	5.151	0.42	0.394	91.9
7/19/2011 19:12	448.7	1329.5	10.199	12.1	10.25	1753.34	2129.11	144.6	134.8	22.7	22.8	5.9	2	4	0.047	0.047	5.26	5.13	0.421	0.392	91.9
7/19/2011 19:13	449.3	1312.4	10.254	12.11	10.34	1782.43	2161.96	147.01	133.5	26.8	26.9	6.2	1.9	4.1	0.055	0.055	5.334	5.187	0.427	0.399	91.9
7/19/2011 19:14	450.2	1294.7	10.16	11.92	10.39	1768.19	2104.29	152.62	142.5	30	30.1	6.1	2	4.1	0.062	0.062	5.278	5.207	0.438	0.409	91.8
7/19/2011 19:15	450.8	1298.8	9.907	11.9	10.02	1704.32	2098.54	150.22	141	29.5	29.6	6.1	2	4.1	0.062	0.062	5.158	5.182	0.436	0.409	91.8
7/19/2011 19:16	448.3	1291.9	9.99	11.9	10.15	1704.1	2014.16	142.99	133.5	24.3	24.4	6.1	2.2	4.1	0.053	0.053	5.094	5.098	0.422	0.395	91.7
7/19/2011 19:17	447.4	1295.9	10.062	11.89	10.12	1727.29	2047.66	140.94	131.4	21	21.1	6.2	2.4	4.3	0.045	0.045	5.139	5.121	0.415	0.388	91.9
7/19/2011 19:18	447.1	1301.4	9.963	11.95	10.19	1718.71	2086.85	141.35	131.4	21	21	6	2.3	4.2	0.044	0.044	5.161	5.16	0.414	0.386	92
7/19/2011 19:19	447.6	1310.5	3.942	3.89	8.08	879.52	943.2	107.59	109.2	12.3	12.3	5.6	2	3.9	0.031	0.031	26.285	7.769	0.4	0.372	86.1
7/19/2011 19:20	448.2	1316.3	0.649	0.76	0.19	158.49	174.36	9.93	8.2	0.1	0.2	5.4	1.9	3.8	0.022	0.031	20.023	22.301	1.62	1.136	93.4
7/19/2011 19:21	449.2	1311.8	1.343	6.72	2.84	215.25	1032.92	47.85	42.9	13.7	13.8	5.3	2	3.7	0.1	0.1	4.513	5.203	0.531	0.449	84.3
7/19/2011 19:22	449.1	1301.3	7.863	11.4	9.14	1224.77	1902.47	144.09	134.5	31.3	31.9	5.4	1.7	3.6	0.078	0.079	4.986	4.531	0.469	0.436	91.5
7/19/2011 19:23	449.2	1296.3	9.931	11.49	10.48	1682.53	1986.29	164.77	154	28.4	28.2	5.9	1.9	3.9	0.06	0.06	5.163	5.022	0.472	0.441	91.9
7/19/2011 19:24	447.5	1304.9	9.91	11.6	10.44	1703.11	1990.36	155	145.5	22.3	22.3	5.6	2.1	3.9	0.047	0.047	5.126	5.11	0.427	0.419	91.9
7/19/2011 19:25	447.8	1307.5	9.97	11.58	10.33	1703.28	1999.74	148.2	136.7	21.5	21.5	5.7	2	3.8	0.044	0.044	5.132	5.101	0.424	0.396	91.8
7/19/2011 19:26	448.4	1298.5	10.006	11.7	10.24	1718.55	2014.57	142.4	132.8	24.3	24.3	5.7	2.2	4	0.051	0.051	5.147	5.128	0.415	0.388	91.9
7/19/2011 19:27	448.5	1280.3	10.112	11.83	10.26	1741.74	2061.36	143.49	134.2	27.2	27.2	5.8	2.2	4	0.058	0.057	5.207	5.142	0.417	0.389	91.9
7/19/2011 19:28	447.4	1280.1	10.174	11.87	10.32	1761.47	2077.64	147.24	138.4	29.8	29.8	5.7	1.9	3.9	0.062	0.061	5.229	5.172	0.425	0.396	91.8
7/19/2011 19:29	448.6	1298.7	10.19	11.82	10.4	1763.3	2081.36	149.48	140.3	30.2	30.3	5.9	2.2	4.1	0.063	0.063	5.208	5.169	0.43	0.403	91.7
7/19/2011 19:30	448.2	1307.2	10.212	11.89	10.37	1766.19	2079.47	149.58	139.9	28.1	28.1	6	2.2	4.2	0.058	0.058	5.224	5.172	0.429	0.403	91.7
7/19/2011 19:31	447.7	1302.4	10.202	11.81	10.39	1771.65	2085.5	148.83	139.6	28.1	28	5.9	2	3.8	0.058	0.058	5.237	5.185	0.428	0.401	91.8
7/19/2011 19:32	448.2	1289.3	10.079	11.65	10.38	1729.73	2009.89	147.20	137.8	28.5	28.4	5.8	2.2	4.1	0.059	0.059	5.156	5.163	0.425	0.399	91.7
7/19/2011 19:33	449	1280.9	10.229	11.8	10.25	1760.26	2053.98	140.15	131.2	24.9	24.8	5.9	2	4	0.053	0.052	5.164	5.131	0.411	0.384	92
7/19/2011 19:34	444.6	1278.2	10.254	11.89	10.33	1774.09	2078.04	139.51	130.2	27	26.9	5.9	2.1	4	0.056	0.056	5.224	5.17	0.403	0.376	92.2
7/19/2011 19:35	448.9	1293.6	10.216	11.82	10.38	1769.31	2083.6	141.17	132	27.5	27.5	5.9	2.1	4.1	0.057	0.057	5.213	5.176	0.406	0.379	92.2
7/19/2011 19:36	449.7	1291.8	10.17	11.85	10.35	1755.57	2053.61	142.74	133.1	26.2	26.3	5.7	2	3.9	0.055	0.055	5.174	5.163	0.411	0.384	92.1
7/19/2011 19:37	448.3	1295.3	10.264	11.97	10.35	1770.02	2089.23	145.15	136	24.5	24.6	6	2.3	4.1	0.051	0.052	5.215	5.149	0.419	0.392	91.9
7/19/2011 19:38	449.6	1292.2	10.325	11.96	10.4	1789.35	2104.49	146.43	136.8	27.4	27.4	5.7	2	4	0.056	0.056	5.255	5.175	0.42	0.394	92
7/19/2011 19:39	449.4	1286.4	10.247	11.85	10.45	1773.68	2062.38	146.85	137.5	29.3	29.2	5.7	1.9	3.8	0.06	0.06	5.2	5.178	0.42	0.393	91.9
7/19/2011 19:40	448.1	1277.2	10.158	11.83	10.39	1742.36	2051.8	143.23	133.9	27.2	27.2	5.8	2	3.9	0.057	0.057	5.185	5.135	0.414	0.387	91.9
7/19/2011 19:41	446.3	1271.5	10.262	11.95	10.32	1765.34	2086.79	139.18	129.8	24	23.8	5.7	2.2	4	0.051	0.05	5.217	5.135	0.404	0.376	92.2
7/19/2011 19:42	448	1275.5	10.258	11.94	10.39	1769.61	2082.93	142.57	132.1	24.8	24.7	5.8	2.1	3.9	0.051	0.051	5.21	5.151	0.409	0.383	92.1
7/19/2011 19:43	447.8	1284.1	10.126	11.98	10.41	1760.25	2105.92	144.24	134.9	27	27	5.6	2	3.9	0.055	0.055	5.254	5.193	0.414	0.387	92.1
7/19/2011 19:44	448.1	1289.2	9.995	11.91	10.37	1719.16	2073.98	145.39	136.2	25.6	25.3	6	2	4	0.054	0.053	5.203	5.15	0.418	0.392	91.9
7/19/2011 19:45	449.6	1295.8	10.021	11.87	10.26	1710.05	2048.74	144.71	135.7	23	22.9	6.1	1.9	4	0.049	0.049	5.158	5.109	0.421	0.395	91.8
7/19/2011 19:46	448.7	1301.4	10.109	11.93	10.26	1712.99	2058.11	144.64	135	26.4	26.4	6.5	2.2	4.4	0.054	0.054	5.2	5.118	0.422	0.394	91.8
7/19/2011 19:47	450.4	1312.7	10.223	11.96	10.31	1774.09	2112.22	146.62	137.2	31	31	5.9	2.3	4.1	0.064	0.064	5.273	5.175	0.424	0.397	91.9
7/19/2011 19:48	448.1	1320.9	10.136	11.85	10.43	1771.04	2115.07	150.9	141.5	34.8	34.6	6	2.2	4.1	0.071	0.071	5.332	5.215	0.432	0.405	91.8
7/19/2011 19:49	447.6	1309.8	10.043	11.78	10.36	1750.29	2084.55	150.8	141.4	31.2	31.3	5.8	1.9	3.8	0.065	0.065	5.269	5.215	0.430	0.407	91.7
7/19/2011 19:50	447.6	1289.3	10.027	11.73	10.30	1727.5	2045.49	148.03	139	28	27.9	6	2	4.1	0.059	0.058	5.212	5.156	0.432	0.405	91.7
7/19/2011 19:51	449.6	1280.5	10.178	11.74	10.25	1764.73	2074.38	147.05	137.5	26	26.1	6	2	4	0.055	0.055	5.25	5.173	0.428	0.4	91.8
7/19/2011 19:52	447.9	1285.3	10.125	11.62	10.31	1754.76	2053.22	147.01	137.7	24.1	24.1	5.9	1.9	3.9	0.05	0.051	5.192	5.181	0.427	0.4	91.8
7/19/2011 19:53	449.3	1290	9.913	11.72	10.33	1713.87	2038.57	144.83	135.3	24.5	24.5	6	2.4	4.2	0.051	0.051	5.196	5.164	0.42	0.392	91.9
7/19/2011 19:54	448	1299	10.028	11.8	10.22	1734.82	2064.61	142.94	133.4	22	22.1	6.1	2.1	4.1	0.047	0.047	5.229	5.169	0.419	0.39	91.9
7/19/2011 19:55	449.2	1276.6	10.238	11.7	10.22	1774.7	2043.86	143.67	134.6	20.6	20.7	6.4	2.1	4.3	0.043	0.043	5.218	5.175	0.416	0.392	91.9
7/19/2011 19:56	444.9	1274.1	10.25	11.72	10.31	1797.89	2059.72	146.41	137.1	24.1	24.2	5.9	2.2	4.1	0.05	0.049	5.248	5.191	0.424	0.397	91.9
7/19/2011 19:57	446.9	1292.8	10.201	11.78	10.31	1769	2044.89	147.14	137.7	23.9	24	6.4	2.1	4.2	0.05	0.05	5.181	5.186	0.426	0.399	91.9
7/19/2011 19:58	448.7	1310.4	10.165	11.77	10.32	1767.17	2084.41	148.74	137.3	24.5	24.5	6.6	2	4.4	0.051	0.051	5.239	5.185	0.426	0.399	91.8
7/19/2011 19:59	445.2	1302.4	10.318	11.89	10.29	1811.32	2098.56	141.93	132.8	25	25	6.4	2.4	4.4	0.052	0.052	5.267	5.248	0.414	0.388	92.2
7/19/2011 20:00	446.5	1296.7	10.249	11.72	10.33	1790.8	2036.33	142.7	133.2	24.7	24.7	6.6	2.6	4.5	0.052	0.052	5.193	5.203	0.411	0.384	92.1

Date Time	GEN1	FLOW1	CO2 duct1	CO2 duct2	CO2 stack	SO2 duct1	SO2 duct2	SO2 stack	SO2 (high)	NOX (low)	NOX (high)	Opacity duct1	Opacity duct2	Opacity stack	NOx rate(low)	NOx rate (high)	SO2 rate duct1	SO2 rate duct2	SO2 rate stack (low)	SO2 rate stack (high)	% SO2 red'n
7/20/2011 6:00	451.2	1310.9	10.99	11.15	10.34	1852.74	1843.46	134.07	125.2	20.9	21	4.6	3.2	3.8	0.043	0.043	4.947	5.019	0.037	0.361	92.0
7/20/2011 6:01	449.1	1300.2	10.914	10.94	10.35	1846.11	1805.42	134.87	125.8	21	21	3.9	3.4	3.6	0.044	0.044	4.93	5.06	0.33	0.365	92.2
7/20/2011 6:02	447.6	1292.1	10.868	10.96	10.27	1814.37	1793.82	132.7	124.4	19.5	19.6	3.9	3.3	3.7	0.041	0.041	4.907	4.997	0.367	0.362	92.2
7/20/2011 6:03	450	1290.5	10.885	11.05	10.23	1819.66	1812.13	129.37	120.1	19.4	19.5	3.8	3.3	3.5	0.041	0.041	4.889	4.994	0.376	0.352	92.4
7/20/2011 6:04	449.7	1303.5	10.905	11.01	10.23	1822.51	1813.56	129.6	121.3	20.5	20.4	3.7	3.3	3.5	0.040	0.042	4.913	4.992	0.377	0.352	92.4
7/20/2011 6:05	450.1	1322.6	10.934	11.14	10.27	1841.02	1848.35	130.07	121.5	20.9	20.9	1.5	3.4	2.9	0.044	0.040	4.953	5.022	0.378	0.350	92.4
7/20/2011 6:06	449.2	1324	10.988	11.08	10.33	1853.03	1856.98	132.87	124.6	22.8	22.8	25.9	3.6	11.9	0.047	0.047	4.953	5.042	0.383	0.359	92.3
7/20/2011 6:07	451	1309.2	10.943	11.07	10.35	1844.49	1821.67	136.91	128.2	23.7	23.5	28	3.5	21.7	0.049	0.049	4.958	5.053	0.394	0.369	92.1
7/20/2011 6:08	447.5	1304.7	10.971	10.98	10.32	1836.75	1805.22	137.74	128.8	21.7	21.7	4	3.4	3.7	0.046	0.046	4.904	5.007	0.4	0.374	91.9
7/20/2011 6:09	447.8	1309.6	10.942	11.11	10.26	1835.53	1830.65	133.13	124.5	19.8	19.9	3.8	3.2	3.5	0.042	0.042	4.93	5.011	0.388	0.363	92.2
7/20/2011 6:10	449.6	1309.8	10.989	11.03	10.32	1840.01	1820.08	133.35	124.5	20.6	20.6	1.2	3.4	2.7	0.042	0.042	4.933	5.011	0.386	0.36	92.2
7/20/2011 6:11	449.3	1305.4	10.943	11.05	10.34	1839.99	1870.44	132.3	124.5	22.9	23	25.2	3.5	11.8	0.047	0.047	4.948	5.019	0.385	0.36	92.3
7/20/2011 6:12	449.4	1304.8	10.912	10.98	10.32	1833.7	1812.14	134.42	125.3	22.7	22.8	29	3.6	22.1	0.049	0.046	4.941	5.022	0.389	0.362	92.2
7/20/2011 6:13	448	1307	10.899	11.04	10.28	1833.7	1818.95	133.93	125.2	22	22	4.2	3.5	3.9	0.046	0.046	4.913	5.025	0.39	0.364	92.2
7/20/2011 6:14	447.8	1305.4	10.931	11.08	10.3	1839.99	1828.82	135.86	125	22.4	22.5	4.1	3.4	3.9	0.047	0.047	4.927	5.023	0.387	0.363	92.2
7/20/2011 6:15	447.8	1306.8	10.954	10.97	10.32	1844.68	1818.03	135.72	126.9	22.3	22.3	4.5	3.2	3.9	0.046	0.046	4.948	5.032	0.393	0.366	92.1
7/20/2011 6:16	449.8	1319.4	10.917	11.02	10.3	1845.09	1820.07	133.08	127.5	22.3	22.4	4.1	3.4	3.7	0.047	0.047	4.948	5.040	0.394	0.369	92.1
7/20/2011 6:17	447.5	1332.3	10.754	11	10.3	1813.55	1814.73	135.69	127.3	22	22.1	3.9	3.6	3.8	0.046	0.046	4.936	5.043	0.364	0.360	92.1
7/20/2011 6:18	449	1342.1	10.762	10.97	10.23	1804.61	1809.49	133.88	125.3	22.5	22.6	4.1	3.4	3.3	0.047	0.047	4.923	5.015	0.392	0.363	92.1
7/20/2011 6:19	450	1346.6	5.645	3.8	8.84	1161.3	847.98	111.22	103.5	15.2	15.2	3.9	3.8	3.7	0.033	0.033	25.304	8.605	0.374	0.349	85.3
7/20/2011 6:20	448.3	1339.2	0.082	0.6	0.31	104.73	142.21	10.47	11.2	0.1	0.1	3.3	3.5	3.9	0.01	0.009	23.273	38.441	1.486	1.127	39.4
7/20/2011 6:21	450.2	1339.8	0.028	8.04	0.15	10.98	873.41	1.13	-0.5	-0.3	-0.5	4.2	3.8	4	0	0	4.273	13.612	0.729	0.106	76.8
7/20/2011 6:22	451.1	1344.5	0.112	10.57	0.13	32.14	1668.29	0.61	-0.5	0.2	0	4.1	3.5	3.8	0.072	0.072	4.715	7.539	0.197	0	87.9
7/20/2011 6:23	449	1337.2	0.031	10.61	0.03	10.99	1761.64	2.09	0.4	0.2	0.4	4	3.6	3.8	0.483	0.496	4.96	10.782	2.508	0.847	34.3
7/20/2011 6:24	448.9	1315.3	0.015	10.48	0.01	1.66	1735.43	0.28	-0.8	-0.1	0	4.1	3.3	3.9	0	0.125	4.951	9.466	1.093	0	84.2
7/20/2011 6:25	448	1301.1	0.007	10.5	0	2.03	1724.85	-0.04	-0.8	-0.1	0	4.1	3.1	3.8	0	0.107	4.91	9.113	0.294	0	84
7/20/2011 6:26	448.5	1299	0.002	10.8	0	1.42	1737.67	0.07	-0.9	0	0	4.0	3.4	4	0	0	4.897	10.328	0.411	0	84
7/20/2011 6:27	449.8	1305.4	-0.002	10.9	0	0.41	1777.75	0.07	-0.9	-0.1	0	4.1	3.4	3.8	0	0.179	4.919	4.556	0.623	0	84
7/20/2011 6:28	449.5	1317.2	-0.002	10.95	0	-0.2	1823.73	0.1	-0.8	-0.1	0	4.3	3.3	3.9	0	0.09	4.977	0	0.81	0	84.2
7/20/2011 6:29	448	1329.7	4.119	4.4	0	951.74	947.87	2.12	0.5	1.4	1.4	4.6	3.3	3.9	0	0.09	15.421	6.11	0.735	0	88.5
7/20/2011 6:30	451.5	1345.6	16.572	0.06	11.28	3887.73	82.4	185.99	175	31	30.8	4.3	3.4	4	7.785	7.695	34.316	6.98	16.235	12.036	89.5
7/20/2011 6:31	448.6	1344.5	16.665	0.12	16.51	4209.39	30.72	276.32	263.9	34.1	34.2	3.8	3.4	3.7	0.045	0.045	9.16	7.522	0.6	0.472	89.7
7/20/2011 6:32	448.5	1317.2	15.864	0.09	16.19	4068.61	19.12	277.83	262.9	33.5	33.6	3.6	3.2	3.4	0.044	0.045	6.842	7.667	0.512	0.484	90
7/20/2011 6:33	448.4	1301.5	16.465	0.04	16.45	4178.47	3.88	279.72	264.4	34.4	34.6	4.2	3.2	3.8	0.045	0.045	2.659	7.577	0.509	0.481	89.7
7/20/2011 6:34	448.8	1293	16.538	0.03	16.53	4207.97	1.83	282.59	266.9	34.5	34.6	4.2	3.2	3.8	0.045	0.045	1.62	7.605	0.509	0.48	89.7
7/20/2011 6:35	449	1290.7	16.597	0.03	16.63	4216.36	-0.41	284.35	267.6	34.7	34.8	4.1	3.3	3.8	0.045	0.045	0	7.595	0.511	0.483	89.6
7/20/2011 6:36	449.8	1294.8	16.639	0.01	16.66	4232.70	-1.42	285.45	269.6	34.7	34.8	4.4	3.2	3.8	0.045	0.045	0	7.601	0.512	0.484	89.7
7/20/2011 6:37	450.7	1307.4	16.66	0.01	16.67	4230.55	-1.22	285.1	269	34.6	34.6	4.1	3.2	3.7	0.045	0.045	0	7.591	0.51	0.482	89.6
7/20/2011 6:38	447.5	1309.3	16.657	0.01	16.72	4231.36	-2.44	286.71	270.6	34.7	34.7	3.8	3.1	3.6	0.045	0.045	0	7.568	0.512	0.483	89.6
7/20/2011 6:39	448.6	1296.6	8.431	6.9	16.72	2600.1	1576.33	292.53	294.4	36.9	51.7	4	3.2	3.6	0.045	0.045	5.929	9.320	0.513	0.465	92.4
7/20/2011 6:40	449.2	1298.2	0.13	16.66	4.01	242.72	1998.41	340.75	2198	50	418	3.7	3.2	3.5	0.646	5.599	7.171	54.845	6.119	44.822	91.3
7/20/2011 6:41	449.5	1285.4	1.488	16.09	0.41	346.48	4087.52	340.75	2904.0	50	443.6	4	3.1	3.5	2.538	22.44	7.606	16.338	23.981	203.097	91.0
7/20/2011 6:42	450.1	1287.6	1.514	16.12	0.6	521.05	4094.65	340.75	3303.5	50	434.2	3.9	3.3	3.6	2.088	18.22	7.593	7.5	19.768	169.533	91.6
7/20/2011 6:43	449.4	1298.7	8.279	16.49	0.29	1202.01	4104.95	340.75	2932.9	50	445.9	3.9	3.3	3.6	3.415	30.452	7.603	4.544	32.361	277.867	93.3
7/20/2011 6:44	450	1312.8	10.705	16.53	0.18	1771.24	4209.6	340.75	2960.7	50	447.8	3.8	3.3	3.6	5.872	50.789	7.603	4.899	53.733	466.924	93.7
7/20/2011 6:45	449.1	1317	10.879	16.56	0.13	1842.85	4210.14	340.75	2975.7	50	448	4.2	3.4	3.5	7.755	69.487	7.611	5.051	73.479	641.477	93.8
7/20/2011 6:46	449.4	1309.6	10.845	16.58	0.1	1838.79	4207.87	340.75	2975.7	50	447.7	4	3.4	3.7	10.457	93.592	7.636	5.072	99.074	865.272	93.8
7/20/2011 6:47	447.8	1314.1	10.977	16.58	0.08	1861.95	4258.63	340.75	2994.4	50	448.9	4.1	3.3	3.7	12.736	114.357	7.675	5.06	120.671	1059.995	93.5
7/20/2011 6:48	448.8	1348.4	11.014	16.57	0.08	1875.61	4258.22	340.75	2990.5	49.9	446.2	4	3.3	3.7	17.098	152.971	7.68	5.069	161.813	1420.552	93.3
7/20/2011 6:49	447.1	1372.1	11.051	5.48	0.04	1872.97	1973.67	340.75	2325	49.9	277.1	4.3	3	3.7	25.62	152.721	45.722	5.066	243.287	1894.559	93.4
7/20/2011 6:50	450	1383.8	11.137	2.16	0	1892.7	631.51	245.82	366.5	7.6	8.6	4.1	3.4	3.8	41.92	59.73	29.464	5.073	1621.475	2092.409	89.7
7/20/2011 6:51	449.7	1343.6	11.162	7.34	0	1913.66	1330.97	140.81	225.4	22.4	54.8	4.2	3.4	3.8	76.286	161.996	5.528	5.122	756.586	897.81	92.7
7/20/2011 6:52	449.2	1319	11.135	10.54	0.59	1894.53	1731.36	340.39	550.4	44.5	63.4	3.9	3.3	3.6	128.736	290.619	4.908	5.069	1203.033	2509.048	92.1
7/20/2011 6:53	449.3	1301.9	11.173	10.74	7.05	1895.75	1800.33	277.6	294.0	30.6	30.6	4.3	3.4	3.8	0.13	0.129	5.01	5.07	1.739	1.671	92.2
7/20/2011 6:54	448.1	1303.9	11.157	10.75	10.11	1891.89	1809.28	232.33	219.7	26.9	27	4.5	3.3	3.9	0.06	0.06	5.031	5.068	0.714	0.676	92.2
7/20/2011 6:55	448.7	1297.2	11.079	10.86	10.52	1878.86	1817.42	207.27	195.3	27.8	27.7	4.5	3.3	3.9	0.056	0.056	4.999	5.067	0.599	0.565	91.6
7/20/2011 6:56	449.4	1292.8	10.855	10.84	10.55	1828.21	1808.64	186.50	175.4	26.3	26.3	4.6	3.3	4	0.054	0.054	4.978	5.070	0.538	0.506	92.2
7/20/2011 6:57	448.6	1285.6	10.959	10.88	10.42	1838.39	1809.9	169.07	157.4	24.6	24.6	3.9	3.4	3.8	0.051	0.051	4.965	5.01	0.489	0.455	90.2
7/20/2011 6:58	448.2	1281.2	10.964	10.84	10.41	1846.52	1807.06	157.47	148.1	24.3	24.5	4.2	3.5	3.9	0.05	0.05	4.96	5.036	0.475	0.428	90.9
7/20/2011 6:59	449.6	1295.8	11.005	10.86	10.39	1814.48	1800.34	149.76	140.1	24	24.2	4	3.6	3.8	0.049	0.05	4.952	5.011	0.433	0.406	91.3
7/20/2011 7:00	448.6	1315.3	11.051	11.05	10.38	1860.15	1842.04	145.71	136.8	23.6	23.6	3.9	3.3	3.6	0.049	0.049	4.983	5.02	0.421	0.395	91.6
7/20/2011 7:01	449	1320.3	11.163	11.01	10.36	1899.01	1844.26	144.65	135.9	23.6	23.7	4.1	3.2	3.7	0.049	0.049	5.003	5.072	0.414	0.388	91.8
7/20/2011 7:02	450.5	1317.8	11.135	11.12	10.51	1901.85	1875.81	144.54	135.3	23.5	23.5	4.2	3.3	3.8	0.048	0.048	5.041	5.105	0.41	0.384	91.9
7/20/2011 7:03	450.4	1305.3	11.159	10.96	10.57	1893.92	1836.95	146.09	136.8	24.1	24	4.1	3.2	3.7	0.049	0.049	5.007	5.079	0.417	0.391	91.7
7/20/2011 7:04	450.2	1294.1	11.125	10.84	10.5	1877.03	1805.22	147.09	137.9	23.4	23.4	3.7	3.3	3.5	0.048	0.048	4.977	5.048	0.42	0.394	91.6
7/20/2011 7:05	449.2	1291.7	11.051	10.83	10.44	1857.91	1797.23	140.85	131.7	22.1	22.1	3.9	3.1	3.6	0.046	0.046	4.957	5.027	0.405	0.379	91.6
7/20/2011 7:06	448.5	1299.1	11.094	11.05	10.4	1856.08	1828.21	135.05	126	19.1	19.2	4.1	3.3	3.7	0.04	0.04	4.944	4.996	0.389	0.363	92.1
7/20/2011 7:07	450.5	1297.7	11.139	11.13	10.47	1885.38	1859.94	135.1	126.2	18.9	18.8	4.3	3.3	3.8	0.038	0.038	4.995	5.054	0.385	0.359	92.4
7/20/2011 7:08	450.1	1294.2	11.097	10.95	10.56	1856.52	1830.24	141.47	131.8	21.4	21.4	4.1	3.2	3.6	0.042	0.042	4.995	5.036	0.398	0.37	92.1
7/20/2011 7:09	450.9	1302.9	11.041	10.98	10.45	1857.3	1838.09	141.09	132	23.3	23.3	4.4	3.2	3.9	0.048	0.048	4.937	5.024	0.404	0.379	91.9
7/20/2011 7:10	447	1306	11.105	11.14	10.39	1874.57	1865.24	140.45	131.3	24.4	24.5	4.3	3.2	3.7	0.05	0.05	5.001	5.064	0.404	0.377	92
7/20/2011 7:11	450.2	1307.4	11.081	11.14	10.45	1877.03	1864.02	143.21	133.8	24.7	24.6	4.2	3.3	3.9	0.051	0.051	5	5.063	0.409	0.382	91.9
7/20/2011 7:12	449.9	1289.6	11.176	11.24	10.46	1900.23	1887	142.41	133.5	22.6	22.7	4	3.2	3.5	0.047	0.047	5.017	5.076	0.407	0.382	91.9
7/20/2011 7:13	449.1	1290.3	11.181	11.22	10.52	1904.09	1897.58	143.13	134.1	21.4	21.5	4.1	3.1	3.6	0.044	0.044	5.052	5.089	0.406	0.381	92
7/20/2011 7:14	448.8	1292.7	10.972	10.94	10.58	1848.55	1829.40	141.67	132.5	22.4	22.5	4.2	3.2	3.7	0.045	0.046	4.995	5.049	0.402	0.377	92
7/20/2011 7:15	449.2	1276.3	10.898	10.93	10.57	1811.52	1805.01	134.24	125.5	20.3	20.2	4.2	3.2	3.7	0.043	0.043	4.933	4.973	0.389	0.364	92.1
7/20/2011 7:16	448.3	1273	10.879	11.09	10.28	1813.35	1821.67	129.71	121	17.5	17.4	4	3.3	3.7	0.037	0.036	4.938	4.975	0.377	0.352	92.4
7/20/2011 7:17	450.2	1287.8	11.007	11.18	10.3	1849.77	1871.14	133.25	124.2	18.8	18.7	4.4	3.4	3.9	0.039	0.038	4.999	5.013	0.384	0.358	92.0
7/20/2011 7:18	449.9	1308.6	11.073	11.25	10.36	1882.73	1891.07	137.02	127.6	22.6	22.5	3.9	3.4	3.7	0.046	0.046	5.024	5.07	0.393	0.366	92.4
7/20/2011 7:19	451.4	1313.4	4.916	8.81	7.8	1043.91	857.34	106.04	98.5	13.2	13.2	4.1	3.5	3.9	0.037	0.037	26.621	7.118	0.41	0.381	90.1
7/20/2011 7:20	450	1297.5	0.83	0.6	0.25	203.25	192.67	35	31.7	1.5	1.5	4.1	3.3	3.6	0.173	0.174	21.102	16.815	5.081	4.554	64.6
7/20/2011 7:21	449.1	1280.9	1.265	8.05	3.02	204.87	908.61	78.26	53.4	9.3	9.2	3.3	3.3	3.6	0.091	0.09	4.487	5.434	1.189	1.067	84.3
7/20/2011 7:22	450.4	1276.8	8.462	10.76	9.88	1263.16	1713.66	138.68	129.5	19.8	19.8	3.9	3.3	3.6	0.047	0.047	4.757	4.413	0.43	0.401	91.2
7/20/2011 7:23	451.4	1277.3	10.917	10.93	10.84	1820.68	1827.39	150.05	140.9	19.9	19.8	4	3.5	3.7	0.04	0.04	4.995	4.943	0.424	0.397	92.3
7/20/2011 7:24	449.8	1271.4	10.872	10.69	10.83	1836.98	1818.65	144.88	135.2	19.8	19.9	3.9	3.3	3.6	0.01	0.04	4.941	5.048	0.409	0.382	92.3

Allison-Coal

Date Time	GEN1	FLOW1	CO2 duct1	CO2 duct2	CO2 stack	SO2 duct1	SO2 duct2	SO2 stack	SO2 (high)	NOX (low)	NOX (high)	Opacity duct1	Opacity duct2	Opacity stack	NOx rate(low)	NOx rate (high)	SO2 rate duct1	SO2 rate duct2	SO2 rate stack (low)	SO2 rate stack (high)	% SO2 red'n
7/20/2011 7:25	451	1273.5	10.930	10.95	10.49	1847.33	1822.51	134.71	129.2	18.6	18.6	4	3.9	3.6	0.039	0.039	4.975	5.047	0.397	0.360	92.1
7/20/2011 7:26	449.2	1289.3	10.991	11.07	10.47	1852.82	1844.48	136.51	127.3	17.8	17.8	4	3.5	3.8	0.037	0.037	4.98	5.045	0.391	0.363	92.2
7/20/2011 7:27	449.1	1298.2	10.969	11.07	10.51	1853.24	1848.14	130.01	127.3	19.5	19.4	3.7	3.4	3.6	0.039	0.039	4.987	5.045	0.388	0.362	92.3
7/20/2011 7:28	448.6	1302.1	10.975	11.16	10.48	1864.02	1876.83	136.05	128.1	20.5	20.5	3.7	3.6	3.7	0.042	0.042	5.024	5.078	0.39	0.365	92.3
7/20/2011 7:29	448.4	1305.5	10.892	10.99	10.51	1841.84	1812.45	137.23	128.5	22.5	22.0	4	3.5	3.9	0.046	0.046	5.009	5.057	0.391	0.366	92.2
7/20/2011 7:30	448.6	1311.1	10.841	11.07	10.08	1825.16	1848.55	135.69	128.7	21.2	21.2	3.9	3.7	3.6	0.045	0.044	4.99	5.031	0.390	0.365	92.2
7/20/2011 7:31	448.7	1312	10.930	11.07	10.39	1842.88	1852.83	137.12	128.3	20.5	20.6	3.9	3.5	3.6	0.043	0.043	5	5.037	0.394	0.369	92.1
7/20/2011 7:32	448.9	1299.6	11.125	11.15	10.42	1893.31	1870.02	138.28	129.5	21.0	21.4	4.2	3.3	3.8	0.043	0.043	5.027	5.076	0.396	0.371	92.2
7/20/2011 7:33	449.8	1283.4	11.14	11.11	10.52	1906.33	1875.21	138.84	129.0	22.2	22.2	4.2	3.5	3.8	0.046	0.045	5.045	5.111	0.395	0.368	92.2
7/20/2011 7:34	450.1	1279.9	11.13	11.22	10.51	1897.59	1896.57	137.38	128.7	22	22	4.3	3.3	3.8	0.045	0.043	5.052	5.103	0.391	0.366	92.3
7/20/2011 7:35	452.5	1290.9	11.187	11.07	10.54	1903.46	1835.25	138.17	129.4	22.7	22.7	4.3	3.4	3.9	0.047	0.046	5.039	5.08	0.391	0.366	92.3
7/20/2011 7:36	449.4	1302.1	11.1	11.18	10.5	1892.09	1893.14	137.92	128.8	21.2	21.3	4.2	3.2	3.7	0.044	0.044	5.033	5.093	0.392	0.367	92.3
7/20/2011 7:37	449.4	1297.2	11.143	11.11	10.43	1895.95	1870.12	137.53	128.5	20.4	20.5	4.1	3.5	3.6	0.042	0.042	5.029	5.083	0.392	0.366	92.2
7/20/2011 7:38	449.4	1297.5	11.21	11.1	10.49	1915.69	1866.05	135.59	126.7	19.7	19.6	4.1	3.4	3.7	0.041	0.041	5.023	5.103	0.387	0.361	92.4
7/20/2011 7:39	449.3	1284.7	11.189	11.13	10.49	1907.55	1867.88	137.42	128.8	19.4	19.4	4.2	3.5	3.9	0.04	0.04	5.013	5.095	0.39	0.366	92.3
7/20/2011 7:40	450.2	1295	11.132	11.18	10.49	1905.52	1871.54	136.84	128.1	19.1	19.1	4.1	3.5	3.7	0.039	0.039	5.004	5.09	0.39	0.365	92.5
7/20/2011 7:41	449.5	1298.5	11.125	11.07	10.51	1878.66	1864.45	136.08	127.3	18.5	18.4	4.6	3.4	3.9	0.038	0.038	4.98	5.045	0.398	0.363	92.3
7/20/2011 7:42	447.9	1305.9	11.119	11.11	10.43	1877.44	1857.91	135.08	124.8	18.7	18.7	4.2	3.6	4	0.035	0.033	4.997	5.046	0.392	0.358	92.4
7/20/2011 7:43	448.1	1299.7	11.11	11.18	10.41	1886.19	1874.39	131.08	122.7	18.4	18.4	4.2	3.6	3.8	0.033	0.034	5.012	5.07	0.376	0.352	92.5
7/20/2011 7:44	451	1273.6	11.128	11.15	10.45	1890.87	1870.37	131.66	122.7	19.2	19.3	4.4	3.5	3.9	0.04	0.04	5.022	5.075	0.376	0.351	92.6
7/20/2011 7:45	448.6	1269.9	11.162	11.22	10.45	1896.16	1895.93	134.09	125.2	18.6	18.5	4.4	3.4	4	0.038	0.038	5.024	5.074	0.382	0.357	92.4
7/20/2011 7:46	448.4	1288.3	11.08	11.1	10.48	1875.2	1880.76	136.82	127.5	19.4	19.4	4.2	3.5	3.9	0.039	0.04	5.008	5.068	0.389	0.363	92.3
7/20/2011 7:47	446.3	1276.6	11.032	11.14	10.42	1864.21	1865.85	134.79	125.0	20.3	20.2	4.5	3.7	4.2	0.042	0.042	5.005	5.049	0.386	0.362	92.3
7/20/2011 7:48	444.6	1281.1	11.145	11.17	10.41	1896.77	1860.49	133.14	124.5	20.3	20.3	4.4	3.3	3.9	0.042	0.042	5.03	5.081	0.383	0.359	92.4
7/20/2011 7:49	449.6	1283.5	11.217	11.23	10.46	1920.57	1896.57	137.85	125.2	20.4	20.3	4.6	3.4	4	0.042	0.042	5.046	5.119	0.382	0.357	92.5
7/20/2011 7:50	449.2	1249	11.271	11.3	10.53	1939.9	1918.33	137.71	129.2	20	20.1	4.2	3.5	3.9	0.041	0.041	5.074	5.141	0.39	0.365	92.0
7/20/2011 7:51	448.5	1289.1	11.166	11.17	10.59	1916.0	1891.69	139.77	130.9	21	21	4.5	3.6	4	0.043	0.043	5.06	5.133	0.394	0.369	92.3
7/20/2011 7:52	447.5	1297.9	11.01	11.12	10.50	1870.12	1863.4	137.03	127.6	20	20.1	4	3.5	3.8	0.041	0.041	5.008	5.075	0.39	0.364	92.3
7/20/2011 7:53	449.4	1279.1	11.063	11.26	10.4	1878.05	1885.79	134.06	125.3	19.3	19.3	4.4	3.1	3.8	0.04	0.04	5.007	5.073	0.395	0.36	92.4
7/20/2011 7:54	450.5	1270	11.134	11.2	10.46	1885.38	1890.7	133.86	124.9	18.6	18.7	4.4	3.4	4	0.038	0.039	5.016	5.054	0.382	0.357	92.4
7/20/2011 7:55	449.2	1274.6	11.105	11.21	10.45	1875.72	1862.94	134.06	125	17.7	17.5	4.4	3.3	3.9	0.036	0.036	5.019	5.048	0.383	0.357	92.4
7/20/2011 7:56	448.4	1288.6	11.012	11.12	10.46	1856.28	1869.1	134	125.2	18.5	18.4	4.4	3.3	3.9	0.035	0.036	5.025	5.037	0.393	0.368	92.4
7/20/2011 7:57	448.3	1308.3	11.062	11.12	10.37	1866.25	1859.34	132.49	124.1	19	19	4.3	3.5	3.9	0.039	0.039	4.985	5.041	0.382	0.358	92.4
7/20/2011 7:58	449.5	1320.2	11.147	11.24	10.4	1899.01	1890.87	132.17	123.7	20.1	20.1	4.5	3.4	4	0.041	0.041	5.025	5.09	0.379	0.355	92.5
7/20/2011 7:59	447.8	1322.6	11.118	11.31	10.45	1905.52	1918.56	136.4	127.8	21.4	21.5	4.4	3.3	3.8	0.044	0.044	5.055	5.121	0.388	0.364	92.4
7/20/2011 8:00	448.7	1321.7	11.186	11.22	10.5	1916.0	1894.53	139.99	130.9	20.8	20.9	4	3.5	3.7	0.043	0.043	5.045	5.119	0.398	0.372	92.2
7/20/2011 8:01	450.5	1316	11.09	11.09	10.5	1890.08	1860.96	138.82	129.5	20.4	20.3	4.6	3.5	4.1	0.042	0.042	5.015	5.078	0.396	0.37	92.2
7/20/2011 8:02	449.8	1310.7	11.109	11.17	10.44	1883.14	1869.71	135.44	126	19.6	19.5	4.2	3.5	3.9	0.041	0.041	5.002	5.065	0.389	0.363	92.3
7/20/2011 8:03	448.5	1310.6	11.165	11.16	10.42	1897.38	1873.98	133.02	124.4	19.7	19.7	4.3	3.9	3.8	0.041	0.041	5.017	5.076	0.392	0.356	92.4
7/20/2011 8:04	447.5	1303.1	11.145	11.34	10.46	1900.64	1912.22	134.62	125.5	19.1	19	4.4	3.3	3.9	0.039	0.039	5.029	5.096	0.384	0.357	92.4
7/20/2011 8:05	451.8	1289.4	11.157	11.27	10.5	1916.95	1909.59	137.67	128.6	20.3	20.3	4.9	3.5	3.7	0.041	0.041	5.061	5.129	0.39	0.365	92.3
7/20/2011 8:06	448.5	1273.2	11.08	11.16	10.54	1879.89	1868.63	139.67	129.6	21.4	21.4	4	3.4	3.7	0.043	0.043	5.047	5.078	0.393	0.363	92.2
7/20/2011 8:07	447.2	1281.6	10.995	11.06	10.45	1848.35	1861.4	137.23	128	21.7	21.7	4.3	3	3.7	0.045	0.045	5.003	5.023	0.393	0.366	92.2
7/20/2011 8:08	449.3	1267.7	11.05	11.26	10.36	1852.83	1882.73	139.14	124.2	19.0	19.8	4.1	3.5	3.9	0.041	0.041	4.997	5.01	0.385	0.359	92.5
7/20/2011 8:09	449.1	1289.5	11.086	11.23	10.49	1871.14	1881.31	132.52	123.9	19.8	19.9	4.2	3.4	3.8	0.04	0.04	5.008	5.039	0.379	0.354	92.4
7/20/2011 8:10	447.8	1300.4	11.072	11.13	10.48	1866.9	1869.71	135.24	126.4	21.3	21.4	4	3.3	3.7	0.044	0.044	5.018	5.044	0.386	0.36	92.0
7/20/2011 8:11	447.8	1304.9	11.105	11.17	10.39	1879.07	1879.68	134.61	125.6	21.2	21.4	4.2	3.4	3.8	0.044	0.044	5.027	5.058	0.387	0.361	92.9
7/20/2011 8:12	448.5	1306.5	11.197	11.21	10.4	1907.05	1890.46	134.6	125.3	21.9	21.9	4.1	3.4	3.7	0.045	0.046	5.039	5.09	0.386	0.36	92.4
7/20/2011 8:13	448.8	1312.8	11.144	11.14	10.46	1904.7	1877.04	138.52	129.1	21.9	21.9	4.4	3.3	3.9	0.045	0.045	5.032	5.107	0.394	0.368	92.2
7/20/2011 8:14	449.2	1309.6	11.115	11.03	10.44	1885.78	1867.51	139.55	131.3	21.2	21.2	4.1	3.6	3.9	0.044	0.044	5.004	5.07	0.399	0.375	92.1
7/20/2011 8:15	449.1	1301.3	11.192	11.14	10.4	1898.36	1867.07	135.38	126.9	20.3	20.4	4	3.4	3.7	0.042	0.042	5.009	5.063	0.389	0.364	92.2
7/20/2011 8:16	448.8	1297.9	11.178	11.09	10.45	1904.91	1883.4	135.56	126.8	21.5	21.5	4.2	3.1	3.7	0.044	0.044	5.021	5.092	0.398	0.36	92.0
7/20/2011 8:17	448.2	1285.9	11.12	11.17	10.43	1884.84	1875.2	135.43	126.3	21.9	21.9	4.1	3.5	3.8	0.045	0.045	5.016	5.076	0.388	0.363	92.0
7/20/2011 8:18	448	1281.7	11.108	11.15	10.41	1883.95	1879.17	135.77	125.9	22.2	22.1	4.4	3.3	3.9	0.046	0.046	5.019	5.068	0.389	0.361	92.0
7/20/2011 8:19	449.1	1253.3	4.725	3.91	7.92	1012.6	581	105.49	98.4	11.9	11.9	4.0	3.5	3.9	0.032	0.023	25.69	10.76	0.6	0.552	89.5
7/20/2011 8:20	448.1	1274	0.77	0.64	0.23	132.09	150.55	15.67	12.9	0.4	0.5	4.2	3.5	3.9	0.029	0.056	19.411	14.842	2.399	1.942	68.4
7/20/2011 8:21	450.4	1298.9	1.416	6.13	3.06	224.21	913.49	43.42	44.2	9.2	9.2	4.3	3.6	4	0.067	0.067	4.41	5.065	0.553	0.481	84.5
7/20/2011 8:22	448.8	1311.3	8.725	10.68	8.45	1321.41	1714.48	137.62	128.4	22.1	22	4.6	3.5	4	0.05	0.05	4.793	4.945	0.432	0.403	91.3
7/20/2011 8:23	449.8	1306	10.893	10.89	10.65	1825.15	1830.45	153.63	144.3	23.1	23.2	4.2	3.3	3.8	0.047	0.047	5.024	5.006	0.432	0.405	92.2
7/20/2011 8:24	448.7	1285.1	10.938	10.99	10.6	1856.49	1897.16	147.85	138.5	22	22	4.5	3.4	4	0.045	0.044	5.043	5.072	0.417	0.39	92.0
7/20/2011 8:25	449.2	1269.6	10.95	10.94	10.56	1854.05	1858.79	141.09	131.7	20.4	20.4	4.2	3.4	3.8	0.042	0.042	5.021	5.059	0.4	0.374	92
7/20/2011 8:26	447.6	1285.9	10.886	10.88	10.52	1838.58	1823.[illegible]	137.53	128.8	19.8	19.5	4.3	3.6	4	0.04	0.04	5.006	5.047	0.391	0.366	92.0
7/20/2011 8:27	450.4	1305.8	10.939	10.86	10.43	1840.21	1821.49	138.26	129.2	19.5	19.5	4.4	3.4	3.9	0.04	0.04	5.01	5.027	0.396	0.369	92.1
7/20/2011 8:28	449	1318.3	10.917	10.9	10.39	1839.81	1829.32	139.76	130.2	19.6	19.5	4.6	3.5	4.1	0.041	0.04	5	5.036	0.402	0.374	92
7/20/2011 8:29	447.5	1320	11.039	11.07	10.36	1878.26	1872.56	139.94	129.8	21	20.9	4.3	3.5	3.8	0.044	0.043	5.056	5.104	0.401	0.375	92.1
7/20/2011 8:30	449.1	1327.7	11.084	10.94	10.45	1893.19	1862.52	142.32	133.1	24	24	4.5	3.7	4.1	0.049	0.049	5.058	5.117	0.407	0.38	92
7/20/2011 8:31	450.4	1320.9	11.039	10.87	10.45	1888.22	1827.8	140.97	132.4	24	24.1	4.4	3.3	3.8	0.049	0.049	5.026	5.111	0.403	0.379	92
7/20/2011 8:32	449.5	1304.5	10.903	10.99	10.39	1857.3	1848.14	139.4	130.2	21.1	21.1	4.4	3.4	3.9	0.045	0.045	5.021	5.093	0.401	0.376	92.1
7/20/2011 8:33	450.4	1296.7	10.925	10.97	10.38	1854.68	1853.79	138.69	127.7	18.9	18.8	4.3	3.4	3.9	0.04	0.039	5.01	5.074	0.395	0.369	92.2
7/20/2011 8:34	450	1294.5	11.034	11.13	10.38	1870.50	1867.47	134.11	125.2	18.3	18.4	4.6	3.3	4	0.035	0.034	5.007	5.065	0.387	0.361	92.3
7/20/2011 8:35	449.5	1297.6	10.973	11.26	10.47	1866.45	1906.94	135.69	126.9	18.7	18.7	4.1	3.1	3.6	0.033	0.034	5.06	5.082	0.386	0.361	92.4
7/20/2011 8:36	450.3	1302.4	10.725	11.09	10.51	1812.74	1873.78	139.11	130.1	21.3	21.3	4.4	3.4	3.8	0.043	0.042	5.052	5.057	0.395	0.369	92.2
7/20/2011 8:37	449.1	1309.9	10.645	11.17	10.03	1797.28	1873.98	133.44	127.7	22.6	22.7	4.5	3.4	3.9	0.047	0.047	5.016	5.043	0.395	0.368	92.2
7/20/2011 8:38	449.9	1298.3	10.644	11.09	10.31	1705.43	1861.98	135.96	127	20.9	20.8	4.6	3.4	4.1	0.044	0.044	5.014	5.039	0.394	0.367	92.1
7/20/2011 8:39	443	1297.8	10.855	10.98	10.27	1831.28	1838.79	135.27	126	21.9	21.9	4.5	3.3	3.8	0.046	0.046	5.004	5.039	0.394	0.368	92.2
7/20/2011 8:40	447.8	1309.2	11.082	11.16	10.26	1866.19	1886.59	135.07	125.6	20.0	21	4.5	3.2	3.8	0.044	0.044	5.041	5.078	0.393	0.366	92.2
7/20/2011 8:41	450.8	1313.5	11.028	11.42	10.44	1897.58	1952.11	141.81	132.4	23.1	23	4.4	3.3	3.9	0.047	0.047	5.101	5.135	0.404	0.377	92.1
7/20/2011 8:42	449.1	1307.1	10.876	11.26	10.55	1855.08	1913.22	148.32	137	24.1	24.1	4.2	3.4	3.9	0.049	0.049	5.101	5.11	0.414	0.383	91.9
7/20/2011 8:43	448.1	1306.3	10.886	11.17	10.44	1839.19	1883.34	142.97	132	22.4	22.3	4.4	3.6	4	0.047	0.047	5.059	5.051	0.41	0.385	91.0
7/20/2011 8:44	448.2	1310.3	10.89	11.11	10.50	1833.29	1860.76	137.78	128.9	19.4	19.3	4.5	3.6	4.1	0.041	0.04	5.022	5.025	0.398	0.373	92.1
7/20/2011 8:45	448.8	1317.4	10.943	11.05	10.38	1803.09	1843.06	134.87	126	18.3	18.3	4.2	3.2	3.7	0.039	0.039	4.974	5.005	0.389	0.365	92.2
7/20/2011 8:46	449.5	1315.8	10.999	11.19	10.34	1855.26	1882.73	134.9	125.9	18.7	18.6	4.1	3.5	3.8	0.038	0.039	5.021	5.03	0.389	0.363	92.3
7/20/2011 8:47	450.1	1318.6	11.082	11.23	10.39	1892.7	1912.64	138.24	129.6	19.9	20	4.3	3.2	3.9	0.041	0.041	5.058	5.098	0.396	0.371	92.2
7/20/2011 8:48	449.2	1329.1	11.058	11.07	10.5	1893.95	1864.62	141.54	132.8	21.7	21.6	4.4	3.3	3.8	0.044	0.044	5.049	5.092	0.403	0.378	92.1
7/20/2011 8:49	450	1327.4	11.058	11.03	10.4	1878.05	1855.42	141.31	132.2	21.2	21.1	4.3	3.6	4	0.044	0.045	5.018	5.078	0.406	0.381	91.9

Wilson-Coal

Date Time	GEN1	FLOW1	CO2 duct1	CO2 duct2	CO2 stack	SO2 duct1	SO2 duct2	SO2 stack	SO2 (high)	NOX (low)	NOX (high)	Opacity duct1	Opacity duct2	Opacity stack	NOx rate(low)	NOx rate (high)	SO2 rate duct1	SO2 rate duct2	SO2 rate stack (low)	SO2 rate stack (high)	% SO2 red'n
7/20/2011 8:50	449	1310.3	11.044	11.11	10.58	1876.63	1870.32	136.86	129.5	20.1	20.1	4.2	3.3	3.7	0.043	0.042	5.016	5.075	0.4	0.373	92.1
7/20/2011 8:51	448.0	1302.2	10.979	11.15	10.41	1872.36	1882.73	136.48	129.2	20	20.1	4.3	3.4	3.8	0.041	0.041	5.059	5.096	0.397	0.371	92.2
7/20/2011 8:52	448.3	1300.4	10.930	11.13	10.4	1847.23	1875.2	137.79	129	20.8	20.7	4.6	3.4	4	0.043	0.043	5.023	5.073	0.397	0.371	92.1
7/20/2011 8:53	449.2	1303.3	10.972	11.04	10.39	1837.16	1852.32	135.37	126.2	20.5	20.6	4.4	3.2	3.9	0.043	0.043	5.023	5.049	0.39	0.364	92.3
7/20/2011 8:54	449.5	1320.0	10.975	11.03	10.22	1834.66	1854.45	134.65	125.5	20.7	20.6	4.6	3.6	4.1	0.043	0.043	5.019	5.049	0.380	0.363	92.3
7/20/2011 8:55	452.2	1344.4	10.987	11.15	10.32	1861.37	1872.97	137.1	128.2	20.7	20.5	4.2	3.7	4	0.044	0.043	5.007	5.06	0.396	0.37	92.1
7/20/2011 8:56	450.9	1354.4	10.95	11.21	10.33	1858.10	1904.3	139.94	131	21.4	21.4	5	3.6	4.3	0.044	0.044	5.08	5.072	0.402	0.377	92.1
7/20/2011 8:57	444.6	1339.8	10.919	11.1	10.33	1850.79	1870.52	139.91	131	22.4	22.3	4.2	3.6	4	0.046	0.047	5.026	5.065	0.403	0.378	92
7/20/2011 8:58	448.9	1318	10.899	11.13	10.33	1843.06	1870.32	136.88	128	20.8	20.9	4.3	3.9	4.1	0.043	0.044	5.019	5.057	0.396	0.37	92.2
7/20/2011 8:59	448.9	1310.5	10.978	11.17	10.34	1859.74	1879.85	134.24	125.5	20.1	20.2	4.6	3.6	4.1	0.042	0.042	5.036	5.058	0.389	0.364	92.3
7/20/2011 9:00	449.5	1307.6	10.971	11.18	10.39	1852.21	1882.12	136.02	127.3	20.1	20.2	4.4	3.6	4	0.042	0.042	5.02	5.060	0.39	0.365	92.2
7/20/2011 9:01	449.9	1302.2	10.923	11.10	10.38	1841.84	1871.54	136.45	128.1	20.9	20.9	4.5	3.7	4.1	0.043	0.043	5.02	5.007	0.390	0.368	92.2
7/20/2011 9:02	448.3	1292.9	10.912	11.18	10.36	1841.23	1880.09	135.74	127	20.7	20.8	4.4	3.6	4.1	0.043	0.043	5.018	5.045	0.392	0.368	92.2
7/20/2011 9:03	448.2	1291.2	10.867	11.25	10.36	1829	1837.41	137.45	128.9	21.1	21.1	4.6	3.7	4.2	0.044	0.044	5.017	5.025	0.396	0.371	92.1
7/20/2011 9:04	449.6	1295.0	11.017	11.31	10.39	1867.27	1909.38	139.15	130.2	21.4	21.5	4.5	3.9	4.1	0.041	0.044	5.016	5.053	0.401	0.374	92.1
7/20/2011 9:05	450.5	1309.0	11.09	11.26	10.43	1897.70	1907.15	142.61	133.6	24	24	4.4	3.3	4.2	0.049	0.049	5.045	5.110	0.409	0.382	91.3
7/20/2011 9:06	450.6	1319.2	11.076	11.22	10.45	1887.81	1887.82	143.66	134.5	25.1	25	4.4	3.6	4	0.052	0.052	5.035	5.099	0.411	0.385	91.9
7/20/2011 9:07	448.3	1313.9	11.002	11.16	10.41	1859.52	1866.86	139.83	131	22.4	22.5	4.2	3.9	3.9	0.047	0.047	5.004	5.053	0.405	0.378	92
7/20/2011 9:08	450	1320.8	10.976	11.08	10.39	1838.58	1842.65	133.75	125.1	19.4	19.5	4.5	3.7	4.2	0.041	0.041	4.977	5.011	0.386	0.361	92.3
7/20/2011 9:09	448	1325.5	11.024	11.07	10.42	1856.44	1840.28	134.74	126.3	18.1	18.2	4.5	3.5	3.8	0.037	0.037	4.967	5.023	0.390	0.364	92.2
7/20/2011 9:10	449.7	1335.4	10.992	11.14	10.32	1861.98	1865.85	139.89	130	20.2	20.1	4.4	3.9	4.2	0.041	0.040	5.004	5.06	0.4	0.376	92
7/20/2011 9:11	449.6	1333.9	11.095	11.15	10.33	1887.82	1883.75	139.9	130.6	20.6	20.7	4.3	3.9	4	0.040	0.043	5.057	5.076	0.405	0.378	92
7/20/2011 9:12	449.8	1329.2	11.071	11.18	10.39	1881.1	1889.85	141.57	132.7	21.2	21.4	4.6	3.8	4.3	0.044	0.044	5.042	5.091	0.407	0.382	91
7/20/2011 9:13	447.6	1331.3	10.957	11.15	10.35	1856.49	1851.71	141.04	132	22.2	22.3	4.2	3.9	4	0.046	0.046	5.043	5.067	0.407	0.381	92
7/20/2011 9:14	448.5	1331.4	11.025	11.05	10.32	1864.35	1854.66	139.66	130.2	21	21	4.5	3.6	4.1	0.044	0.045	5.017	5.057	0.404	0.378	92
7/20/2011 9:15	448.9	1324	11.095	11.09	10.29	1884.58	1860.15	134.75	129.4	18.5	18.5	4.3	3.7	4.1	0.039	0.039	5.01	5.067	0.403	0.379	92
7/20/2011 9:16	448.4	1314.5	11.079	11.11	10.33	1890.08	1869.51	137.35	128.2	17.6	17.5	4.4	3.6	3.9	0.037	0.036	5.026	5.101	0.397	0.37	92.2
7/20/2011 9:17	451.7	1317.6	10.981	11.22	10.36	1869.51	1893.31	142.62	133.6	18.2	18.1	4.3	3.5	4	0.038	0.038	5.041	5.083	0.409	0.383	91.9
7/20/2011 9:18	443.8	1336.9	11.008	11.19	10.35	1879.27	1877.85	144.52	134.1	19.8	19.6	3.9	3.9	3.9	0.041	0.04	5.013	5.101	0.416	0.387	91.9
7/20/2011 9:19	446.7	1343.2	4.372	0.78	8.3	974.94	842.28	109.1	101.3	11.7	11.6	4.3	3.7	4.1	0.028	0.028	28.59	7.969	0.291	0.303	89.9
7/20/2011 9:20	449.4	1324.1	0.731	0.64	0.16	170.49	151.16	15.85	11.9	0.1	0.1	4.3	3.9	4.1	0.025	0.032	19.656	19.834	2.316	1.98	52.6
7/20/2011 9:21	447.2	1296.3	1.475	6.09	2.86	229.7	906.37	46.03	41.9	7.7	7.3	4.3	3.7	4	0.072	0.071	4.416	5.148	0.619	0.545	80.8
7/20/2011 9:22	449.2	1283	8.455	10.52	9.23	1279.5	1674.4	131.8	123.2	17.1	17	4.6	3.6	4.2	0.04	0.04	4.753	4.41	0.422	0.393	90.7
7/20/2011 9:23	448	1289.2	10.727	10.71	10.42	1775.31	1782.02	132.79	140.2	21.1	21.1	4.3	3.8	4.2	0.043	0.043	4.973	4.890	0.439	0.411	91.6
7/20/2011 9:24	450.7	1305.2	11.028	10.81	10.36	1878.05	1813.35	150.73	141.5	21.6	21.5	4.3	3.7	4.1	0.045	0.044	5.013	5.077	0.435	0.409	91.8
7/20/2011 9:25	448.9	1310.2	11.145	10.95	10.44	1905.31	1845.5	147.56	139.1	21.5	21.5	4.1	3.7	3.9	0.044	0.044	5.036	5.107	0.424	0.397	91.6
7/20/2011 9:26	449.5	1312.1	11.143	10.84	10.46	1913.05	1831.87	146.81	137.7	23.6	23.6	4.6	4.1	4.3	0.048	0.048	5.052	5.114	0.419	0.392	91.8
7/20/2011 9:27	449	1307.5	11.181	10.77	10.4	1915.48	1819.26	145.12	136.7	24.9	25	4.4	3.9	4.2	0.051	0.052	5.047	5.116	0.417	0.392	91.8
7/20/2011 9:28	448.4	1296.9	10.998	10.72	10.42	1873.17	1804.6	145.57	136.1	23.1	23.1	4.4	3.5	3.9	0.049	0.049	5.032	5.097	0.417	0.391	91.8
7/20/2011 9:29	447	1282.5	11.067	10.78	10.31	1876.62	1809.69	141.56	132.9	20.9	21	4.4	3.9	4.2	0.044	0.044	5.014	5.06	0.411	0.386	91.9
7/20/2011 9:30	446.4	1294.4	11.085	10.85	10.31	1874.39	1819.87	138.83	129.9	20.7	20.8	4.3	3.5	3.9	0.040	0.043	5.013	5.051	0.402	0.377	92
7/20/2011 9:31	447	1334.1	11.1	10.83	10.34	1881.72	1814.79	140.45	131.7	21.1	21.1	4.2	3.7	4	0.044	0.044	5.005	5.066	0.406	0.38	91.9
7/20/2011 9:32	449.5	1360.1	11.207	10.97	10.31	1907.15	1843.87	142.79	133.8	21.4	21.5	4.6	3.4	4	0.044	0.045	5.025	5.079	0.413	0.387	91.9
7/20/2011 9:33	449.0	1340.2	11.143	11.02	10.39	1902.46	1860.35	144.06	134.8	22.5	22.7	4.2	3.6	4	0.047	0.047	5.046	5.102	0.414	0.387	91.5
7/20/2011 9:34	448.8	1314.5	11.048	11.03	10.39	1878.86	1865.64	144.85	135.7	24.3	24.4	4.1	3.7	3.9	0.05	0.05	5.052	5.082	0.417	0.391	91.8
7/20/2011 9:35	449.2	1300.8	11.099	11.03	10.37	1890.46	1865.03	142.32	133.1	24.2	24.2	4.1	3.9	4	0.051	0.051	5.051	5.092	0.411	0.384	91.9
7/20/2011 9:36	446.2	1291.7	11.127	11.04	10.4	1895.38	1855.06	140.48	132.3	22.9	22.9	4.5	3.7	4.1	0.049	0.047	5.021	5.066	0.405	0.381	92
7/20/2011 9:37	448	1273.1	11.105	11.06	10.41	1879.68	1863.81	140.96	132.1	22.2	22.1	3.9	3.7	3.8	0.046	0.046	5.034	5.063	0.404	0.38	92
7/20/2011 9:38	451	1261.4	11.069	11.03	10.4	1860.35	1850.38	142.11	133.1	20.6	20.6	4.3	3.6	4	0.043	0.043	5.011	5.038	0.408	0.383	91.9
7/20/2011 9:39	449.4	1283.5	11.022	11.03	10.37	1859.54	1848.15	140.1	131.4	21	21	4.4	3.6	4	0.043	0.043	5.006	5.042	0.405	0.379	92
7/20/2011 9:40	448.5	1321.1	11.054	10.91	10.36	1868.08	1834.92	141.25	132.5	21.4	21.4	4.5	3.6	4.1	0.044	0.044	5.025	5.049	0.407	0.382	91.9
7/20/2011 9:41	449	1331.7	11.123	10.9	10.3	1878.25	1870.09	142.25	132.9	22.6	22.7	4.5	3.8	4.2	0.047	0.047	5.025	5.037	0.411	0.384	91.8
7/20/2011 9:42	451.3	1330.7	11.203	10.91	10.31	1904.3	1892.79	144.01	134.4	22.9	22.9	4.3	3.8	4	0.048	0.048	5.018	5.079	0.417	0.39	91.8
7/20/2011 9:43	449.2	1328.3	11.114	10.97	10.37	1860.09	1879.9	144.78	135.8	22.6	22.7	4.1	3.7	4	0.047	0.047	4.996	5.056	0.418	0.392	91.7
7/20/2011 9:44	449	1328.4	11.049	10.9	10.35	1869.3	1826.58	143.87	135	23.1	23	4.2	3.8	4	0.048	0.048	5.009	5.056	0.415	0.389	91.7
7/20/2011 9:45	450.4	1329.8	11.012	10.9	10.29	1857.71	1822.51	144.1	135.3	23.1	23.2	4.4	3.7	4	0.049	0.049	4.998	5.044	0.417	0.392	91.7
7/20/2011 9:46	450.5	1339.1	11.064	10.92	10.25	1871.34	1836.95	144.84	135.4	22.5	22.6	4.4	3.7	4.1	0.047	0.047	5.027	5.049	0.421	0.394	91.6
7/20/2011 9:47	450.3	1333	11.07	11.03	10.26	1870.78	1854.05	144.02	135	22.3	22.4	4.2	3.8	4.1	0.047	0.047	5.021	5.056	0.419	0.393	91.7
7/20/2011 9:48	451.4	1329.9	11.02	11.01	10.32	1868.29	1857.51	141.3	134.2	21.9	21.9	4.3	3.6	4	0.046	0.046	5.043	5.067	0.415	0.389	91.9
7/20/2011 9:49	449.2	1322.2	11.082	10.98	10.29	1873.17	1848.35	141.32	133.5	22.2	22.2	4.2	3.6	3.9	0.046	0.046	5.028	5.054	0.412	0.387	91.8
7/20/2011 9:50	447.7	1321	11.062	10.88	10.33	1861.37	1819.66	140.88	132.4	23.1	22.9	3.8	3.4	3.7	0.048	0.048	5	5.029	0.408	0.384	91.9
7/20/2011 9:51	448.2	1329.4	11.125	10.88	10.28	1879.47	1822.92	141.93	133.8	21.7	21.7	4.7	3.6	4	0.046	0.046	5.008	5.045	0.411	0.386	91.8
7/20/2011 9:52	449.1	1329.0	11.143	10.66	10.3	1890.46	1836.95	142.87	134.9	21.8	21.9	4.0	3.6	4	0.046	0.046	5.006	5.064	0.416	0.389	91.8
7/20/2011 9:53	449.4	1319.6	11.166	11.05	10.29	1904.3	1866.46	142.44	133.3	22.4	22.5	4.4	3.8	4.1	0.047	0.046	5.049	5.035	0.413	0.387	91.9
7/20/2011 9:54	449.5	1312.4	11.152	10.95	10.37	1901.45	1870.38	144.14	135.3	23	22.8	4.2	3.6	3.9	0.048	0.047	5.052	5.096	0.415	0.389	91.8
7/20/2011 9:55	449.2	1310.6	11.115	10.86	10.34	1885.99	1831.46	143.69	134.3	23.1	22.9	4.4	3.4	4	0.048	0.048	5.047	5.076	0.416	0.390	91.8
7/20/2011 9:56	450	1311.3	11.1	10.87	10.31	1871.34	1820.27	142.26	133.2	22.6	22.4	4	3.7	3.9	0.047	0.047	5.005	5.04	0.414	0.387	91.8
7/20/2011 9:57	449.4	1319.9	11.225	10.99	10.27	1892.4	1863.33	140.39	131.6	21.6	21.5	4.3	3.5	3.9	0.046	0.045	4.988	5.051	0.409	0.382	91.9
7/20/2011 9:58	449.1	1328.4	11.206	10.95	10.33	1897.36	1836.34	141.27	132.4	21.5	21.4	4.6	3.9	4.2	0.047	0.045	5.012	5.058	0.407	0.382	91.9
7/20/2011 9:59	449.3	1318.2	11.195	10.88	10.36	1895.75	1828	143.29	134.1	20.9	20.8	4.4	3.5	4.1	0.043	0.043	5.022	5.061	0.412	0.386	91.8
7/20/2011 10:00	449.4	1316.3	11.176	10.98	10.31	1894.73	1848.96	144.19	135.4	20.8	20.7	4.6	3.9	4.2	0.043	0.043	5.034	5.064	0.417	0.391	91.8
7/20/2011 10:01	448.7	1330.9	11.138	11.08	10.35	1893.51	1870.12	144.34	135.3	21.5	21.7	4	3.7	3.9	0.045	0.045	5.043	5.08	0.418	0.391	91.7
7/20/2011 10:02	449.9	1342.7	10.992	11.02	10.36	1862.59	1857.5	145.87	136.6	22	22.2	3.9	3.7	3.8	0.045	0.046	5.039	5.062	0.419	0.393	91.7
7/20/2011 10:03	448.9	1337.1	10.93	10.94	10.3	1841.23	1833.7	144.28	136	22.1	22.1	4.3	3.7	3.9	0.046	0.046	5.008	5.042	0.42	0.395	91.7
7/20/2011 10:04	449.9	1328.5	11.007	11.03	10.23	1844.28	1842.95	140.66	132.1	22.4	22.3	4.3	3.6	4	0.047	0.047	4.995	5.007	0.411	0.386	91.9
7/20/2011 10:05	448.6	1325.6	11.032	11.10	10.28	1866.66	1872.35	143.23	133.8	21.9	21.9	4	3.5	3.8	0.046	0.046	5.027	5.027	0.415	0.389	91.8
7/20/2011 10:06	449.5	1330.2	11.014	11.12	10.34	1864.22	1876.42	146.04	133.9	21.7	21.6	4.1	3.6	3.8	0.045	0.045	5.041	5.056	0.422	0.395	91.7
7/20/2011 10:07	450.6	1335	10.953	11.11	10.33	1859.54	1875.61	145.47	136.1	23.2	23.3	4.3	3.6	4	0.049	0.049	5.042	5.05	0.421	0.395	91.7
7/20/2011 10:08	450.1	1329.5	11.037	11.04	10.32	1878.25	1866.66	143.56	134.2	24.3	24.2	4.1	3.3	3.8	0.05	0.05	5.053	5.07	0.417	0.39	91.8
7/20/2011 10:09	449.1	1331.1	11.114	11.01	10.33	1879.07	1852.82	141.55	132.5	22.8	22.9	4.3	3.8	4	0.048	0.048	5.03	5.049	0.411	0.384	91.9
7/20/2011 10:10	448	1327.7	11.092	10.9	10.32	1870.73	1828.82	142.04	132.8	21.7	21.7	4.4	3.8	4.1	0.045	0.045	5.011	5.047	0.411	0.384	91.9
7/20/2011 10:11	448.3	1313.4	11.118	10.94	10.29	1870.85	1830.24	141.21	132.4	20.9	21	4	3.5	3.8	0.044	0.044	4.999	5.032	0.411	0.385	91.8
7/20/2011 10:12	449.3	1302.5	11.11	11.12	10.28	1873.17	1869.1	139.98	130.3	21.6	21.7	4.3	3.7	4	0.045	0.045	5.022	5.031	0.407	0.33	91.9
7/20/2011 10:13	447.1	1315.5	11.044	11.03	10.37	1863.6	1856.49	143.75	134.9	22.6	22.5	4.3	3.6	4	0.046	0.046	5.025	5.049	0.413	0.387	91.8
7/20/2011 10:14	446.8	1328	11.003	11.04	10.3	1849.97	1848.14	144.54	135.9	22.4	22.5	4.4	3.6	4	0.047	0.047	5.004	5.024	0.419	0.394	91.7

Wilson-Coal

Date Time	GEN1	FLOW1	CO2 duct1	CO2 duct2	CO2 stack	SO2 duct1	SO2 duct2	SO2 stack	SO2 (high)	NOX (low)	NOX (high)	Opacity duct1	Opacity duct2	Opacity stack	NOx rate(low)	NOx rate (high)	SO2 rate duct1	SO2 rate duct2	SO2 rate stack (low)	SO2 rate stack (high)	% SO2 red'n
7/20/2011 10:15	449.3	1322.2	10.993	11.01	10.28	1846.31	1852.62	144.45	134.8	22.6	22.6	4	3.5	3.8	0.047	0.047	5.028	5.033	0.42	0.391	91.7
7/20/2011 10:16	449.2	1315.8	11.116	11.08	10.22	1877.24	1872.56	140.39	134.2	23.1	23.1	4.3	3.4	3.8	0.048	0.048	5.058	5.039	0.419	0.393	91.7
7/20/2011 10:17	449.4	1318.8	11.056	11.09	10.31	1889.55	1873.46	144.59	135.4	23	23	4.5	3.6	4	0.048	0.048	5.069	5.072	0.42	0.392	91.7
7/20/2011 10:18	448.9	1320.2	11.077	11.11	10.29	1884.36	1880.08	143.63	133.4	23.8	23.8	4.3	3.6	4	0.05	0.049	5.056	5.078	0.417	0.385	91.7
7/20/2011 10:19	449.8	1308.6	4.608	3.77	8.08	1009.3	542.9	107.72	99.5	12.3	12.5	4	3.8	3.9	0.025	0.015	25.288	8.473	0.401	0.371	89.9
7/20/2011 10:20	448.8	1297.5	0.722	0.09	0.22	175.37	155.03	12.81	10.8	0.2	0.2	4.2	3.8	3.9	0.031	0.016	19.781	20.412	2.258	1.871	54.9
7/20/2011 10:21	448.1	1298.2	1.505	5.08	2.76	232.95	891.52	47.40	43.3	9.4	9.5	4.1	3.8	3.9	0.087	0.086	4.422	5.011	0.816	0.540	92.8
7/20/2011 10:22	448.7	1302.9	8.584	10.41	9.25	1202.52	1661.99	140.57	131.7	21.6	21.5	4	3.8	3.7	0.052	0.052	4.77	4.419	0.451	0.422	90.6
7/20/2011 10:23	449.5	1310.6	10.733	10.71	10.4	1771.65	1785.69	146.98	147.2	22.9	23.1	4.2	3.5	3.9	0.049	0.048	4.931	4.696	0.454	0.425	91.5
7/20/2011 10:24	452.1	1325.8	10.959	10.82	10.4	1853.64	1820.27	151.55	142.0	23.6	23.5	4.1	3.5	3.9	0.048	0.048	5.028	5.048	0.426	0.41	91.7
7/20/2011 10:25	449.7	1308.1	11.128	11.02	10.43	1903.48	1871.75	149.87	140.5	24.9	24.9	4	3.5	3.8	0.052	0.051	5.076	5.108	0.43	0.403	91.6
7/20/2011 10:26	450.9	1335.2	11.1	10.94	10.52	1903.28	1803.41	153.5	144.4	26.8	26.9	4.3	3.5	3.8	0.054	0.055	5.09	5.121	0.435	0.409	91.5
7/20/2011 10:27	449.6	1328.6	10.972	10.83	10.46	1864.01	1825.56	152.49	143.9	26	25.9	4.1	3.6	3.9	0.054	0.054	5.037	5.078	0.436	0.411	91.4
7/20/2011 10:28	450.2	1303.7	10.95	10.95	10.33	1846.72	1820.07	148.15	137.1	24.1	24.1	4.3	3.6	4	0.05	0.051	5.013	5.044	0.424	0.398	91.5
7/20/2011 10:29	449.1	1292.3	11.002	10.91	10.28	1852.62	1826.59	141.53	132.7	21	21	4.4	3.4	4	0.045	0.045	5.004	5.032	0.412	0.387	91.9
7/20/2011 10:30	449.1	1302.9	10.954	10.92	10.3	1838.58	1812.15	140.47	131.6	21	21.1	4.2	3.7	3.9	0.044	0.044	5.005	5.027	0.407	0.381	91.9
7/20/2011 10:31	449.8	1319.8	11.067	10.95	10.23	1870.93	1838.58	141	132.5	23.2	23.3	3	3.7	3.7	0.048	0.048	5.018	5.046	0.411	0.386	91.8
7/20/2011 10:32	449.4	1327.3	11.196	11.11	10.29	1914.06	1884.77	145.12	136	25.6	25.7	0.1	3.7	[illegible]	0.053	0.053	5.067	5.105	0.42	0.393	91.8
7/20/2011 10:33	447.7	1325.1	11.113	11.02	10.39	1902.67	1868.9	150.01	140.4	27.1	27.1	0.1	3.6	1.9	0.056	0.056	5.07	5.116	0.411	0.404	91.5
7/20/2011 10:34	449.3	1312.5	10.997	10.95	10.37	1867.27	1844.08	148.95	137.2	26.7	26.9	0	3.7	2	0.056	0.056	5.033	5.08	0.425	0.398	91.6
7/20/2011 10:35	448.6	1296.4	10.992	10.96	10.31	1852.62	1803.09	141.36	132	24.5	24.5	0.2	3.7	2	0.052	0.052	4.998	5.038	0.412	0.384	91.6
7/20/2011 10:36	449.9	1301.7	11.007	10.94	10.25	1852.67	1825.33	137.81	129.2	22.3	22.4	-0.1	3.9	2	0.047	0.047	5.014	5.038	0.402	0.376	92
7/20/2011 10:37	448.3	1317.9	11.078	11.03	10.26	1872.76	1852.82	139.14	129.9	23.1	23	0.2	3.8	2	0.049	0.048	5.017	5.05	0.404	0.378	92
7/20/2011 10:38	450.9	1329.8	11.182	11.25	10.31	1907.14	1907.55	143.05	133.9	24.4	24.2	-0.2	3.6	1.8	0.05	0.051	5.085	5.093	0.414	0.386	91.9
7/20/2011 10:39	449.3	1322.3	11.132	11.11	10.45	1899.01	1882.52	146.98	137.7	26.9	26.7	0.1	3.5	1.8	0.055	0.054	5.084	5.097	0.42	0.394	91.8
7/20/2011 10:40	449.6	1310.5	11.021	10.94	10.4	1843.37	1837.7	146.79	137.2	25.8	25.7	0.2	3.4	1.8	0.054	0.054	5.006	5.017	0.422	0.395	91.6
7/20/2011 10:41	448.9	1310.3	11.092	11.04	10.24	1855.88	1847.94	141.72	132.6	23.3	23.2	61.7	3.6	39	0.049	0.049	5.001	5.014	0.414	0.388	91.7
7/20/2011 10:42	447.7	1322.4	11.027	10.91	10.29	1845.7	1822.92	140.45	131.4	22.2	22.1	18.2	3.7	10.6	0.047	0.047	4.993	5.001	0.409	0.382	91.8
7/20/2011 10:43	450.1	1335.6	11.111	11.09	10.25	1871.54	1849.07	140.24	130.9	21.9	21.9	-0.2	3.7	1.9	0.046	0.046	5.013	5.034	0.409	0.382	91.8
7/20/2011 10:44	447.6	1331.6	11.174	11.02	10.31	1891.07	1853.23	141.65	132.1	24.7	24.7	0	3.8	2	0.051	0.051	5.028	5.066	0.41	0.382	91.9
7/20/2011 10:45	448.2	1312.4	11.149	11.04	10.33	1891.83	1850.32	143.3	134.1	25.8	25.9	0.1	3.5	1.9	0.054	0.054	5.031	5.07	0.414	0.387	91.8
7/20/2011 10:46	451.1	1292.9	11.138	11.08	10.35	1886.16	1857.91	143.5	133.9	25.2	25.3	-0.3	3.8	1.9	0.053	0.053	5.011	5.057	0.414	0.387	91.8
7/20/2011 10:47	449.3	1299.3	11.178	11.13	10.34	1894.12	1874.6	143.84	134.5	24.2	24.3	98.4	3.9	35	0.05	0.05	5.035	5.062	0.417	0.389	91.8
7/20/2011 10:48	451.7	1317.6	11.13	11.14	10.08	1892.7	1883.95	144.01	134.6	20.8	20.9	99.9	3.8	96.8	0.049	0.049	5.054	5.081	0.415	0.389	91.8
7/20/2011 10:49	449.9	1330	11	11	10.36	1860.35	1854.86	144.28	135.2	23.5	23.5	99.9	3.9	96.2	0.048	0.048	5.036	5.072	0.416	0.389	91.8
7/20/2011 10:50	446.6	1334	10.996	10.99	10.29	1849.16	1837.97	141.56	132.8	23	23	99.8	3.8	95.8	0.048	0.048	5.002	5.026	0.412	0.386	91.8
7/20/2011 10:51	449.5	1330.1	10.993	11.02	10.29	1855.47	1848.35	141.69	132.7	23	23	99.9	3.8	95.9	0.048	0.048	5.012	5.043	0.413	0.387	91.8
7/20/2011 10:52	447.8	1319.5	11.061	11.14	10.26	1872.56	1880.7	142.64	133.5	24.3	24.8	99.8	3.8	95.8	0.052	0.052	5.046	5.053	0.415	0.389	91.8
7/20/2011 10:53	449.4	1314.2	11.143	11.19	10.13	1900.84	1895.75	144.57	135.3	26.3	26.7	100	3.8	96.5	0.055	0.055	5.064	5.097	0.418	0.39	91.9
7/20/2011 10:54	448.7	1320.7	11.12	11.16	10.4	1900.84	1897.18	148.12	138.9	26.8	26.9	99.8	3.7	95.3	0.056	0.055	5.081	5.108	0.424	0.397	91.6
7/20/2011 10:55	449.7	1323.5	11.079	11.08	10.39	1889.65	1877.2	146.41	136.9	26.9	27	99.7	3.8	94.8	0.056	0.056	5.085	5.096	0.422	0.394	91.7
7/20/2011 10:56	449.4	1312	11.003	10.95	10.33	1861.57	1840.82	143.94	134.5	24.1	24.1	99.9	3.8	95.9	0.051	0.051	5.023	5.055	0.418	0.391	91.7
7/20/2011 10:57	448.3	1295	11.031	11.1	10.23	1864.42	1872.98	139.18	129.9	22.1	22.2	70.3	3.7	63.8	0.047	0.047	5.042	5.05	0.409	0.381	91.9
7/20/2011 10:58	447.3	1289.2	10.984	11.01	10.3	1855.27	1854.88	140.91	131.7	22.6	22.9	3.4	3.8	3.5	0.047	0.046	5.033	5.047	0.406	0.382	91.9
7/20/2011 10:59	449.2	1284.8	10.955	10.95	10.26	1842.24	1840.82	140.25	131.1	24.4	24.3	3.2	3.8	3.5	0.051	0.051	5.023	5.025	0.408	0.382	91.9
7/20/2011 11:00	449.2	1313.5	11.142	10.93	10.23	1835.55	1844.08	143.29	134.1	25.3	25.3	3.1	3.6	3.4	0.053	0.053	5.041	5.083	0.418	0.391	91.7
7/20/2011 11:01	449	1341	11.25	11.03	10.27	1937.05	1877.04	147.67	138.5	26.7	26.7	2.9	3.7	3.3	0.056	0.056	5.036	5.145	0.429	0.402	91.6
7/20/2011 11:02	447.2	1357.1	11.014	10.92	10.39	1891.28	1851.6	150.71	141.9	28.7	28.8	-0.2	3.9	2	0.059	0.06	5.067	5.122	0.434	0.408	91.5
7/20/2011 11:03	449.4	1342.8	11.007	10.88	10.26	1865.64	1836.14	147.77	138.5	28.2	28.2	45.1	3.8	27.5	0.059	0.059	5.044	5.064	0.43	0.403	91.5
7/20/2011 11:04	445.6	1314.7	11.001	10.82	10.22	1855.67	1818.44	142.5	133.6	26.1	26	10.4	3.8	7.5	0.055	0.055	5.023	5.04	0.419	0.392	91.7
7/20/2011 11:05	448.3	1302.8	10.983	10.93	10.2	1847.94	1828.21	140.33	132.3	24.1	24.1	3.5	4	3.8	0.051	0.051	5	5.028	0.411	0.387	91.8
7/20/2011 11:06	449	1312.3	10.962	11.11	10.21	1649.57	1878.99	141.21	132.1	23.7	23.9	0.6	3.9	2.4	0.05	0.05	5.042	5.042	0.413	0.387	91.8
7/20/2011 11:07	450.9	1333.8	11.047	11.24	10.25	1887.81	1910.8	144.1	134.4	25.7	25.8	30.5	4.1	19.3	0.053	0.054	5.081	5.105	0.419	0.391	91.8
7/20/2011 11:08	449.8	1307.4	11.14	11.10	10.35	1909.57	1895.55	150.19	140.8	28.3	28.4	53.6	4	15.2	0.059	0.059	5.089	5.119	0.433	0.400	91.5
7/20/2011 11:09	447.9	1325.1	11.012	11.05	10.39	1881.71	1873.99	151.82	141.9	27.9	27.9	2.9	4	3.8	0.057	0.058	5.067	5.108	0.436	0.409	91.4
7/20/2011 11:10	449.6	1310.6	10.862	10.84	10.32	1824.95	1835.94	147.58	139.9	26.4	26.5	3.6	4	3.8	0.055	0.056	5.015	5.02	0.429	0.403	91.4
7/20/2011 11:11	451.2	1318.4	10.926	11	10.17	1826.08	1834.11	140.81	131.7	23.5	24	3.8	4	3.8	0.05	0.051	4.991	4.997	0.414	0.387	91.7
7/20/2011 11:12	449.3	1306.5	10.899	11.05	10.19	1826.78	1844.28	138.58	129.6	22.5	22.6	3.9	4.1	4	0.048	0.047	4.985	5.008	0.407	0.381	91.9
7/20/2011 11:13	449.8	1317.6	11.162	11.14	10.3	1902.06	1894.4	140.04	131.3	23.7	23.5	3.9	4.1	4	0.05	0.049	5.058	5.082	0.41	0.384	91.9
7/20/2011 11:14	450.9	1336.4	11.206	11.03	10.34	1915.69	1872.35	148.66	139.3	27.5	27.5	3.5	4	3.8	0.057	0.057	5.072	5.108	0.429	0.403	91.6
7/20/2011 11:15	449.5	1332.3	11.057	10.84	10.34	1879.27	1835.73	152.99	143.9	28.8	28.7	3.9	3.8	3.9	0.06	0.06	5.063	5.079	0.442	0.415	91.3
7/20/2011 11:16	449.2	1305	11.044	10.95	10.21	1864.02	1851.8	148.36	139	28.4	28.5	3.4	4	3.7	0.06	0.06	5.039	5.043	0.403	0.407	91.4
7/20/2011 11:17	450.2	1290.2	11.097	11.02	10.22	1874.59	1861.37	140.4	134.2	26.5	26.5	3.7	3.7	3.7	0.056	0.056	5.047	5.047	0.419	0.390	91.7
7/20/2011 11:18	447.0	1299.1	11.162	11	10.26	1899.41	1853.52	141.6	132.5	24.5	24.4	3.6	4.1	3.9	0.052	0.051	5.049	5.084	0.413	0.386	91.8
7/20/2011 11:19	448.4	1312.9	4.439	3.63	7.95	968.22	821.23	110.19	102.6	14	14.1	3.7	4.2	4	0.039	0.039	18.897	7.607	0.397	0.371	87.0
7/20/2011 11:20	449.3	1321.5	0.75	0.74	0.10	174.56	162.96	12.44	10.4	0.2	0.1	3.9	4.2	4	0.038	0.031	27.195	19.601	2.329	1.926	55.4
7/20/2011 11:21	451.5	1325.7	1.493	5.92	3.49	231.32	893.55	41.75	37.6	9.8	9.9	3.6	4	3.8	0.112	0.101	4.522	5.185	0.813	0.776	82.7
7/20/2011 11:22	450.7	1325.9	8.933	10.69	9.14	1536.67	1719.57	141.06	131.7	22.6	22.6	3.8	3.6	3.7	0.059	0.058	4.731	4.388	0.458	0.426	90.7
7/20/2011 11:23	447.5	1318.5	10.927	10.82	10.61	1820.07	1818.64	165.92	155.9	23	22.9	3.7	3.9	3.9	0.047	0.047	5.016	4.937	0.469	0.44	91.7
7/20/2011 11:24	449.7	1311.9	10.933	10.87	10.53	1850.18	1837.16	158.96	149.1	22.4	22.4	3.6	4	3.9	0.046	0.046	5.041	5.047	0.453	0.426	91.8
7/20/2011 11:25	447.7	1304.6	10.97	10.91	10.42	1855.08	1852.62	153.35	143.8	22.2	22.3	3.4	4.1	3.6	0.045	0.046	5.076	5.095	0.442	0.414	91.3
7/20/2011 11:26	449.2	1291.4	10.881	10.95	10.4	1855.27	1857.1	148.98	139	21	21	3.6	3.9	3.8	0.044	0.044	5.058	5.094	0.429	0.401	91.6
7/20/2011 11:27	449.6	1282.4	10.989	10.93	10.37	1851.6	1845.5	144.27	135.3	19	19	3.8	4	3.9	0.04	0.04	5.047	5.085	0.416	0.392	91.9
7/20/2011 11:28	448.7	1285.8	10.835	10.94	10.3	1851.4	1846.11	145.04	135.8	19	19	3.7	4.2	4	0.039	0.039	5.036	5.091	0.42	0.393	91.7
7/20/2011 11:29	450.8	1299.7	10.913	10.94	10.27	1854.86	1847.13	145.89	136.5	19.8	19.9	3.6	4	3.8	0.041	0.041	5.045	5.08	0.425	0.398	91.6
7/20/2011 11:30	449.2	1304.5	10.896	10.98	10.27	1847.33	1853.03	145.03	135.3	20.2	20.3	3.5	4.1	3.8	0.042	0.043	5.038	5.067	0.421	0.393	91.7
7/20/2011 11:31	448.4	1337.2	10.884	11.04	10.25	1845.5	1865.23	144.71	135.4	21.2	21.2	3.5	4	3.9	0.044	0.044	5.051	5.067	0.423	0.396	91.6
7/20/2011 11:32	449.5	1335.1	10.956	11	10.26	1867.07	1855.88	143.88	134.8	21.4	21.5	3.8	4	3.8	0.045	0.045	5.053	5.089	0.419	0.392	91.7
7/20/2011 11:33	449.5	1328.5	10.951	11.01	10.26	1866.25	1856.29	144.41	134.7	21.7	21.8	3.9	3.9	3.8	0.045	0.046	5.036	5.074	0.42	0.393	91.7
7/20/2011 11:34	450.6	1301.1	11.102	11.18	10.22	1907.35	1895.75	144.45	136.1	21.3	21.2	4	4.1	4.1	0.045	0.045	5.055	5.121	0.42	0.394	91.8
7/20/2011 11:35	450.6	1276.3	11.182	11.09	10.25	1925.86	1897	148.26	139.9	22.8	22.8	3.7	4.1	3.9	0.047	0.047	5.083	5.149	0.421	0.394	91.8
7/20/2011 11:36	447.2	1279.8	11.09	11.06	10.37	1868.56	1868.29	147.73	139.5	22.2	22.2	3.8	4.2	4	0.046	0.046	5.056	5.121	0.426	0.399	91.6
7/20/2011 11:37	450.5	1295.8	11.115	11.09	10.32	1869.65	1865.44	145.89	136.3	20.8	20.8	4	4.1	4.1	0.044	0.044	5.024	5.077	0.423	0.396	91.6
7/20/2011 11:38	446.3	1301.3	11.113	11.18	10.33	1896.57	1895.95	142.5	133.6	20.3	20.3	3.5	4.1	3.9	0.042	0.042	5.042	5.1	0.413	0.387	91.9
7/20/2011 11:39	446.7	1297.7	11.019	11.03	10.36	1867.87	1862.18	143.11	133.9	20.3	20.5	4	4	3.9	0.042	0.042	5.063	5.074	0.412	0.386	91.9

Wilson-Coal

Date Time	GEN1	FLOW1	CO2 duct1	CO2 duct2	CO2 stack	SO2 duct1	SO2 duct2	SO2 stack	SO2 (high)	NOX (low)	NOX (high)	Opacity duct1	Opacity duct2	Opacity stack	NOx rate(low)	NOx rate (high)	SO2 rate duct1	SO2 rate duct2	SO2 rate stack (low)	SO2 rate stack (high)	% SO2 red'n
7/20/2011 11:40	449.7	1303.4	10.908	10.93	10.28	1841.02	1823.78	142.47	173.5	19.7	19.6	4.2	4.1	4.1	0.041	0.041	5.035	5.042	0.414	0.387	91.9
7/20/2011 11:41	449.4	1324.5	10.984	11.11	10.17	1867.07	1880.09	141.27	132	19.9	20	3.7	3.9	3.9	0.042	0.042	5.057	5.085	0.414	0.357	91.8
7/20/2011 11:42	449.8	1339.4	11.096	11.12	10.23	1899.41	1891.69	145.93	136.5	21.9	21.9	3.8	4.2	4	0.046	0.045	5.080	5.113	0.424	0.397	91.7
7/20/2011 11:43	448.8	1305.5	11.052	11.18	10.29	1898.8	1898.77	150.51	141	22.5	22.7	3.5	4	3.7	0.047	0.047	5.067	5.122	0.436	0.400	91.4
7/20/2011 11:44	447.6	1316.5	10.987	11.15	10.21	1871.34	1885.58	149.93	140.9	21.9	21.8	3.5	3.8	3.8	0.046	0.046	5.058	5.098	0.415	0.41	91.4
7/20/2011 11:45	449.5	1312.8	10.959	11.03	10.3	1849.23	1850.49	146.59	137.2	21.1	21.2	3.7	4	3.9	0.044	0.045	5.035	5.05	0.426	0.399	91.6
7/20/2011 11:46	450	1329.2	10.975	11.09	10.22	1855.67	1867.07	142.64	133.3	20	20	3.8	4.1	3.9	0.042	0.042	5.042	5.049	0.417	0.39	91.7
7/20/2011 11:47	448.8	1346.1	10.911	11.04	10.23	1845.7	1867.07	143.91	134.5	20.7	20.8	3.7	4.2	4.1	0.043	0.043	5.044	5.053	0.419	0.391	91.7
7/20/2011 11:48	449.1	1352.2	10.937	11.07	10.19	1862.16	1880.03	147.27	137.9	21.6	21.7	3.5	3.9	3.8	0.045	0.045	5.064	5.079	0.432	0.405	91.5
7/20/2011 11:49	449.4	1334.5	10.935	11.16	10.18	1874.8	1909.43	150.02	140.8	22.3	22.3	3.6	4.2	3.9	0.047	0.047	5.097	5.122	0.429	0.411	91.4
7/20/2011 11:50	448.7	1314.7	10.921	11.07	10.22	1855.98	1872.56	151.02	141.9	22.7	22.8	3.6	3.9	3.7	0.048	0.048	5.061	5.088	0.442	0.415	91.3
7/20/2011 11:51	448.7	1308.4	11.025	10.95	10.28	1859.54	1838.58	147.88	139.1	21.5	21.7	3.6	4	3.9	0.046	0.046	5.000	5.045	0.430	0.405	91.4
7/20/2011 11:52	450.1	1313.6	11.121	10.9	10.27	1875.41	1830.65	144.59	135.2	20.7	20.8	3.6	4.2	4	0.043	0.043	5.025	5.035	0.42	0.393	91.6
7/20/2011 11:53	450.3	1306.4	11.066	11.16	10.21	1870.17	1894.38	149.89	134.8	21.5	21.5	3.6	4	3.7	0.045	0.045	5.036	5.058	0.421	0.394	91.7
7/20/2011 11:54	450.6	1292.3	11.123	11.21	10.28	1893.11	1904.09	144.74	135.3	22.7	22.9	3.9	3.8	3.9	0.047	0.048	5.083	5.078	0.421	0.393	91.7
7/20/2011 11:55	450.9	1298.3	11.199	11.14	10.34	1923.42	1891.68	147.42	133.2	24.2	24.2	3.9	4	3.7	0.05	0.05	5.09	5.124	0.424	0.398	91.7
7/20/2011 11:56	451	1310.3	11.158	11.15	10.25	1911.21	1887.32	150.54	140.8	23.2	23.3	4.1	4.1	4.1	0.049	0.049	5.098	5.124	0.430	0.405	91.5
7/20/2011 11:57	449.7	1309.9	11.110	11.23	10.32	1899.62	1903.48	150.99	141.7	22.7	22.7	3.5	3.8	3.6	0.047	0.047	5.085	5.11	0.438	0.41	91.4
7/20/2011 11:58	448.9	1299.7	10.945	11.14	10.35	1859.54	1884.97	149.86	139.7	22.8	22.6	3.6	4.1	3.9	0.047	0.047	5.051	5.082	0.431	0.404	91.5
7/20/2011 11:59	448.7	1290.4	10.898	11.19	10.23	1845.20	1888.63	143.37	134.2	20.2	20.2	3.4	4.1	3.7	0.043	0.043	5.056	5.082	0.42	0.393	91.7
7/20/2011 12:00	450.2	1301.8	10.899	11.23	10.22	1861.57	1903.89	140.41	131	18.5	18.5	3.8	4	3.6	0.039	0.039	5.076	5.055	0.411	0.384	91.9
7/20/2011 12:01	449.6	1320.9	10.982	11.14	10.29	1863	1895.75	144.12	134.9	19.5	19.6	3.8	3.7	3.7	0.041	0.041	5.075	5.074	0.418	0.391	91.6
7/20/2011 12:02	448.6	1325.5	11.024	11.2	10.29	1882.73	1901.04	146.04	136.7	20.6	20.5	3.9	4	3.9	0.043	0.043	5.083	5.094	0.424	0.397	91.7
7/20/2011 12:03	450.6	1313	10.998	11.22	10.31	1894.16	1914.47	147.16	137.9	20.9	20.9	3.8	3.9	3.9	0.044	0.044	5.101	5.118	0.425	0.399	91.6
7/20/2011 12:04	448	1302.3	10.904	11.16	10.31	1878.46	1897.79	149.76	140	21.5	21.5	4.1	4.1	4.1	0.045	0.045	5.079	5.114	0.43	0.405	91.5
7/20/2011 12:05	447.2	1301.2	10.913	11.12	10.26	1859.13	1878.87	149.14	140	21.3	21.3	3.9	3.9	4.1	0.045	0.045	5.047	5.09	0.429	0.405	91.4
7/20/2011 12:06	450.1	1302	10.99	11.09	10.24	1876.43	1879.27	146.71	137.5	21	21	4	4	4	0.044	0.044	5.086	5.102	0.429	0.402	91.6
7/20/2011 12:07	449.6	1305.9	11.05	11.03	10.26	1896.8	1871.95	146.34	137.1	20.5	20.6	3.9	3.9	3.9	0.043	0.043	5.069	5.102	0.426	0.399	91.6
7/20/2011 12:08	449	1310.4	10.98	11.09	10.34	1869.51	1841.31	146.9	136.6	20.5	20.5	4.2	3.7	4	0.042	0.043	5.069	5.082	0.42	0.394	91.7
7/20/2011 12:09	448	1309	10.945	11.14	10.29	1866.86	1893.19	145.41	136.4	20.8	20.9	3.7	4.1	4	0.043	0.044	5.09	5.098	0.421	0.395	91.7
7/20/2011 12:10	450	1308.9	10.929	11.14	10.28	1864.83	1838.22	147.76	139.8	20.9	20.8	3.8	4	3.8	0.044	0.044	5.085	5.095	0.428	0.402	91.6
7/20/2011 12:11	449.7	1316.9	11.01	11.07	10.24	1871.39	1874.39	149.11	139.7	20.6	20.6	3.9	3.9	3.9	0.043	0.043	5.059	5.079	0.434	0.406	91.4
7/20/2011 12:12	449.5	1320.6	11.104	11.15	10.24	1892.9	1894.36	146.69	137.4	20.7	20.9	3.4	3.8	3.6	0.044	0.044	5.051	5.095	0.429	0.402	91.5
7/20/2011 12:13	448.2	1317.1	11.152	11.09	10.26	1899.01	1876.22	144.74	136.1	20.7	20.6	3.5	4	3.8	0.043	0.043	5.054	5.035	0.422	0.396	91.7
7/20/2011 12:14	449.4	1313.8	11.090	11.19	10.23	1893.72	1895.75	144.02	134.1	20.8	20.9	3.5	3.9	3.7	0.044	0.044	5.062	5.102	0.421	0.393	91.7
7/20/2011 12:15	449.7	1309.2	11.182	11.26	10.04	1926.47	1915.60	144.28	135.3	20.7	20.7	3.5	4.1	3.8	0.043	0.043	5.093	5.13	0.417	0.392	91.8
7/20/2011 12:16	447.7	1306.4	11.185	11.22	10.06	1935.83	1912.03	146.22	137.4	20.8	20.9	3.8	3.9	3.8	0.043	0.043	5.080	5.187	0.421	0.394	91.8
7/20/2011 12:17	448.5	1302.8	11.043	11.12	10.42	1883.05	1891.51	147.49	138.3	20.8	20.7	3.7	3.9	3.8	0.043	0.043	5.058	5.109	0.424	0.1	91.7
7/20/2011 12:18	447.3	1297.7	10.981	11.18	10.3	1862.16	1895.55	145.52	134.9	19.7	19.6	3.6	4.1	3.8	0.041	0.041	5.066	5.079	0.421	0.392	91.6
7/20/2011 12:19	448	1299.5	4.785	8.82	7.59	978.39	870.16	109.53	101.4	11.4	11.4	3.7	4	4	0.028	0.028	26.49	7.324	0.402	0.375	89.6
7/20/2011 12:20	449.9	1307.8	0.741	0.82	0.2	174.15	177.41	11.8	9.3	0.2	0.1	4	3.7	3.8	0.026	0.039	19.995	19.960	2.35	1.890	84
7/20/2011 12:21	449.1	1313.2	1.454	5.91	2.34	228.68	383.18	40.84	38.8	7.5	7.5	3.5	3.9	3.7	0.072	0.069	4.495	5.160	0.579	0.495	80.3
7/20/2011 12:22	448.9	1325.9	8.739	10.72	9.42	1346.03	1737.47	143.95	134.7	19.8	19.9	3.3	3.9	3.7	0.047	0.047	4.842	4.475	0.46	0.428	90.5
7/20/2011 12:23	450.4	1330.9	10.834	10.84	10.58	1819.46	1870.24	162.23	152.4	22.3	22.3	3.5	3.8	3.6	0.045	0.045	5.047	4.978	0.463	0.432	91.5
7/20/2011 12:24	448.2	1318.6	10.964	10.99	10.55	1876.43	1872.15	157.27	147.6	22.4	22.5	3.5	3.9	3.7	0.046	0.046	5.092	5.102	0.447	0.419	91.7
7/20/2011 12:25	449.7	1297.7	10.964	10.95	10.51	1875.2	1858.93	154.52	144.4	22.5	22.6	3.2	4	3.6	0.046	0.046	5.075	5.12	0.44	0.412	91.4
7/20/2011 12:26	449.8	1293.6	10.943	10.98	10.44	1850.36	1851.91	147.84	139.1	20.5	20.5	3.6	3.9	3.8	0.043	0.043	5.029	5.08	0.425	0.397	91.6
7/20/2011 12:27	449.6	1283.4	10.967	10.96	10.37	1847.12	1843.47	143.98	134.7	18.9	18.9	3.5	3.9	3.9	0.039	0.039	5.028	5.021	0.415	0.389	91.6
7/20/2011 12:28	448	1301	11.057	11.15	10.31	1885.58	1886.39	142.97	133.8	20.4	20.4	3.4	3.9	3.6	0.042	0.042	5.064	5.088	0.414	0.387	91.9
7/20/2011 12:29	450	1320.9	11.077	11.11	10.30	1886.8	1881.51	145.59	136.8	21.6	21.7	3.3	3.9	3.6	0.045	0.045	5.062	5.093	0.419	0.393	91.6
7/20/2011 12:30	448.5	1324.9	11.188	11.2	10.48	1917.72	1904.5	147.32	137.9	21.5	21.4	3.6	3.9	3.7	0.044	0.044	5.079	5.113	0.42	0.394	91.6
7/20/2011 12:31	448	1319.2	11.136	11.21	10.46	1922.2	1919.19	147.73	138.2	21.9	21.9	3.5	4.1	3.9	0.045	0.045	5.09	5.13	0.422	0.395	91.7
7/20/2011 12:32	451.2	1297.7	11.125	11.1	10.52	1906.98	1898.39	149.54	140	22.4	22.2	3.6	3.9	3.7	0.046	0.045	5.076	5.133	0.425	0.398	91.7
7/20/2011 12:33	448.4	1283.7	10.993	11.15	10.43	1860.76	1875	146.98	138.1	20.9	20.7	3.7	4	3.8	0.043	0.043	5.027	5.085	0.422	0.396	91.7
7/20/2011 12:34	447.2	1282.5	11.021	11.15	10.34	1860.91	1880.09	142.95	133.9	19.8	19.5	3.7	3.9	3.8	0.041	0.04	5.04	5.053	0.413	0.387	91.8
7/20/2011 12:35	447.7	1295.6	10.984	11.14	10.35	1850.03	1870.46	143.37	134.3	19.7	19.7	3.7	4	3.8	0.041	0.041	5.060	5.038	0.412	0.387	91.8
7/20/2011 12:36	449.7	1318	10.889	11.2	10.25	1859.8	1903.69	144.15	134.5	20.5	20.6	3.7	3.9	3.9	0.043	0.042	5.03	5.052	0.416	0.389	91.9
7/20/2011 12:37	449.3	1328.8	10.917	11.31	10.3	1946.92	1927.69	145.11	136.1	22	21.9	3.6	4	3.8	0.045	0.045	5.092	5.052	0.42	0.393	91.7
7/20/2011 12:38	450.4	1316.3	10.902	11.03	10.36	1855.98	1903.91	149.4	139.2	22.7	22.1	3.8	4.2	4	0.047	0.047	5.089	5.057	0.427	0.399	91.6
7/20/2011 12:39	449.2	1299.2	11.015	11.02	10.39	1872.36	1925.25	150.74	141.1	22.4	22.3	3.6	4	3.8	0.046	0.046	5.062	5.075	0.430	0.106	91.5
7/20/2011 12:40	449	1290.8	11.058	11.23	10.44	1884.16	1919.05	149.14	140	21.9	21.7	3.8	4.1	4	0.044	0.044	5.108	5.09	0.428	0.401	91.6
7/20/2011 12:41	448.9	1296.2	10.903	11.14	10.46	1861.38	1891.07	148.43	139.2	21.2	21.2	3.9	4.1	4	0.044	0.044	5.07	5.105	0.424	0.398	91.7
7/20/2011 12:42	448.8	1310	10.723	11.1	10.4	1811.11	1867.67	144.57	135.7	20.8	20.8	3.9	4	4	0.043	0.043	5.03	5.036	0.417	0.391	91.7
7/20/2011 12:43	448.8	1319.7	10.87	11.17	10.17	1801.15	1833.55	141.23	132.3	19.5	19.5	3.5	4.2	3.9	0.041	0.041	5.033	5.04	0.414	0.388	91.9
7/20/2011 12:44	449.4	1325	10.76	11.26	10.13	1821.29	1808.18	145.98	134.6	20.3	20.4	3.4	4.2	3.8	0.043	0.043	5.066	5.053	0.423	0.396	91.6
7/20/2011 12:45	451.3	1341.1	11.016	11.29	10.25	1882.53	1938.48	147.22	138.1	22.4	22.4	3.6	4.1	3.9	0.046	0.047	5.107	5.096	0.429	0.403	91.6
7/20/2011 12:46	449.7	1357.2	10.948	11.29	10.4	1879.26	1851.86	152.38	143.2	23.5	23.5	3.4	4.1	3.9	0.049	0.048	5.122	5.123	0.436	0.41	91.5
7/20/2011 12:47	450	1345.6	10.979	11.31	10.41	1853.44	1922.83	153.38	144.3	23.5	23.4	3.7	4.2	3.9	0.049	0.049	5.089	5.097	0.441	0.414	91.4
7/20/2011 12:48	448.3	1312.2	10.833	11.14	10.35	1840.01	1896.16	150.16	141.4	23	23	3.5	4.1	3.9	0.048	0.047	5.085	5.076	0.435	0.41	91.4
7/20/2011 12:49	448	1286	10.822	11.16	10.3	1820.38	1876.22	145.72	136.7	22.1	22.2	3.6	4.1	4	0.047	0.047	5.038	5.038	0.424	0.399	91.6
7/20/2011 12:50	446.9	1290.4	10.902	11.23	10.21	1819.26	1893.72	140.99	131.9	21.1	21	3.7	3.6	3.8	0.044	0.044	5.025	5.002	0.414	0.384	91.8
7/20/2011 12:51	447.8	1304.4	10.879	11.29	10.24	1839.36	1912.33	141.46	132.7	21.4	21.4	3.4	4.5	4	0.045	0.045	5.057	5.049	0.412	0.386	91.9
7/20/2011 12:52	448.2	1322.2	10.931	11.29	10.27	1848.96	1919.76	145.71	136.6	22.4	22.4	3.7	4.1	4	0.048	0.046	5.08	5.054	0.421	0.394	91.7
7/20/2011 12:53	450.2	1332	11.043	11.2	10.34	1895.78	1907.15	150.84	141.5	23.5	23.5	3.2	3.9	3.8	0.049	0.049	5.093	5.103	0.435	0.409	91.5
7/20/2011 12:54	449.3	1333.1	10.977	11.13	10.39	1869.71	1876.63	151.66	142.2	23.3	23.4	3.3	4.3	3.9	0.048	0.048	5.058	5.089	0.437	0.409	91.4
7/20/2011 12:55	448.9	1337.5	11.007	11.24	10.3	1870.32	1937.05	148.14	139.5	24.4	24.4	3.9	4.2	4	0.05	0.05	5.08	5.077	0.431	0.406	91.5
7/20/2011 12:56	449.9	1348.1	11.043	11.4	10.37	1891.23	1952.11	147.16	137.8	25.9	26	3.3	4.2	3.7	0.054	0.054	5.120	5.115	0.424	0.398	91.7
7/20/2011 12:57	448.7	1348.1	10.936	11.17	10.43	1865.64	1909.36	150.02	141	27.2	27.2	3.4	4	3.8	0.056	0.056	5.103	5.097	0.428	0.401	91.8
7/20/2011 12:58	447.6	1326.2	10.955	11.02	10.34	1834.11	1855.87	148.08	138.8	26	26	3.2	4	3.7	0.055	0.055	5.04	5.049	0.43	0.403	91.5
7/20/2011 12:59	448.2	1318.5	10.837	11.25	10.19	1829.02	1894.73	143.07	133.3	24.1	24.1	3.6	4.1	3.9	0.051	0.051	5.002	5.043	0.42	0.392	91.7
7/20/2011 13:00	448.4	1313	10.808	11.08	10.2	1829.02	1942.95	144.71	135.6	23.8	23.8	3.6	4	3.8	0.049	0.049	5.08	5.057	0.422	0.395	91.7
7/20/2011 13:01	448.2	1311.6	10.913	11.4	10.29	1861.17	1942.55	148.64	139.9	26.8	26.8	3.3	4	3.7	0.055	0.055	5.115	5.098	0.43	0.402	91.6
7/20/2011 13:02	449.8	1310.9	10.898	11.36	10.35	1855.86	1945.4	151.82	142.2	27.3	27.4	3.6	4.2	3.8	0.057	0.057	5.105	5.085	0.438	0.41	91.4
7/20/2011 13:03	449.7	1325.1	10.87	11.23	10.36	1844.59	1928.19	151.55	142.2	26.8	27	3.6	4.1	3.9	0.056	0.056	5.097	5.071	0.438	0.411	91.4
7/20/2011 13:04	450	1327.5	10.852	11.3	10.31	1842.04	1929.91	149.23	139.9	28.2	28.1	3.2	4.2	3.7	0.058	0.058	5.095	5.072	0.439	0.407	91.5

Wilson-Coal

Date Time	GEN1	FLOW1	CO2 duct1	CO2 duct2	CO2 stack	SO2 duct1	SO2 duct2	SO2 stack	SO2 (high)	NOX (low)	NOX (high)	Opacity duct1	Opacity duct2	Opacity stack	NOx rate(low)	NOx rate (high)	SO2 rate duct1	SO2 rate duct2	SO2 rate stack (low)	SO2 rate stack (high)	% SO2 red'n
7/20/2011 13:05	450.5	1310.7	10.822	11.35	10.32	1828.4	1930.14	147.06	137.8	27.4	27.4	3.4	4.2	3.9	0.058	0.058	5.082	5.079	0.420	0.399	91.6
7/20/2011 13:06	449.1	1299.7	10.855	11.2	10.33	1836.73	1909.18	147.62	134.6	26.2	26.2	3.6	3.8	3.8	0.055	0.055	5.092	5.056	0.417	0.399	91.6
7/20/2011 13:07	448.2	1285.6	10.918	11.24	10.29	1847.34	1919.15	146.89	139.3	25.3	25.3	3.4	3.9	3.7	0.053	0.053	5.089	5.057	0.452	0.404	91.5
7/20/2011 13:08	449.3	1294.2	10.88	11.24	10.28	1846.7	1899.21	147.03	137.7	25.9	25.9	3.6	4.2	3.8	0.054	0.054	5.074	5.069	0.428	0.401	91.6
7/20/2011 13:09	450.7	1307.2	10.829	11.25	10.28	1835.12	1913.89	146.29	137.1	26.5	26.5	3.5	4.1	3.8	0.056	0.055	5.067	5.060	0.425	0.399	91.6
7/20/2011 13:10	449.7	1324.6	10.732	11.17	10.27	1844.28	1884.38	144.86	135.7	26.7	26.6	3.9	4	3.9	0.055	0.055	5.062	5.064	0.421	0.395	91.7
7/20/2011 13:11	450.7	1333.1	10.937	11.11	10.29	1852.01	1881.55	146.47	137.4	26.7	26.7	3.8	4.1	3.8	0.056	0.056	5.065	5.06	0.425	0.398	91.6
7/20/2011 13:12	450	1329.2	10.937	11.27	10.25	1872.97	1919.25	147.71	138.3	26.5	26.6	3.7	4.1	3.9	0.055	0.056	5.09	5.093	0.431	0.403	91.5
7/20/2011 13:13	449.6	1326.6	10.905	11.28	10.28	1862.09	1917.11	149.75	139.9	27.9	27.9	4.4	3.9	4.2	0.056	0.057	5.093	5.103	0.428	0.4	91.6
7/20/2011 13:14	449.4	1334.2	10.828	11.4	10.31	1845.5	1948.04	149.77	140.7	27.1	27.2	3.7	4.1	3.9	0.057	0.057	5.092	5.093	0.434	0.407	91.5
7/20/2011 13:15	448.7	1326.8	10.838	11.14	10.29	1834.31	1920.78	150.65	141.4	27.1	27	3.9	4.1	4	0.057	0.057	5.083	5.057	0.437	0.411	91.4
7/20/2011 13:16	449.6	1309.4	10.939	11.02	10.33	1827.8	1930.75	147.48	138.2	26.5	26.5	3.9	4.1	4	0.056	0.056	5.069	5.039	0.429	0.402	91.5
7/20/2011 13:17	449.2	1303.1	10.746	11.18	10.29	1806.44	1886.39	146.18	136.8	25	26	3.8	4.3	3.9	0.054	0.055	5.063	5.023	0.424	0.397	91.6
7/20/2011 13:18	450	1321.1	10.722	11.11	10.18	1811.93	1878.02	144.6	134.2	25.6	25.6	3.5	4.1	3.9	0.054	0.054	5.052	5.05	0.425	0.395	91.6
7/20/2011 13:19	448.7	1345.2	8.065	2.86	7.26	1204.22	703.94	101.93	94.8	12.7	12.7	3.8	3.8	3.8	0.036	0.037	27.413	8.135	0.431	0.339	86
7/20/2011 13:20	448.6	1354.3	0.598	1.16	0.17	177	210.01	11.23	9.1	0.4	0.3	3.5	4.2	3.8	0.024	0.025	19.516	20.303	2.076	1.844	52.9
7/20/2011 13:21	447.2	1341.4	0.978	6.54	2.81	161.31	993.04	49.01	45.1	12.1	12.2	3.8	4.1	3.8	0.105	0.108	4.463	5.246	0.593	0.507	62
7/20/2011 13:22	449.5	1315.2	7.487	10.79	9.44	1102.3	1749.06	146.7	137.8	26.8	26.9	3.5	4.2	3.8	0.063	0.063	4.324	4.354	0.462	0.435	90.5
7/20/2011 13:23	449	1302.1	10.487	10.69	10.42	1727.09	1853.99	150.2	150.1	27.8	27.9	3.4	4.3	3.9	0.057	0.057	5.058	4.93	0.462	0.428	91.5
7/20/2011 13:24	448.1	1307.7	10.558	11	10.39	1782.23	1859.13	152.62	143	25.4	25.3	4	4	4	0.053	0.053	5.045	5.045	0.44	0.412	91.6
7/20/2011 13:25	449.1	1322	10.599	11.08	10.36	1792.8	1876.25	150.81	141.1	24.9	24.9	3.6	4.2	3.9	0.051	0.052	5.067	5.054	0.425	0.407	91.4
7/20/2011 13:26	449.1	1326.5	10.679	11.26	10.26	1814.17	1924.64	151.12	141.9	24.4	24.5	3.6	4	3.8	0.051	0.051	5.1	5.076	0.439	0.412	91.4
7/20/2011 13:27	450.9	1327.4	10.781	11.03	10.32	1843.97	1892.91	153.86	144.7	26.1	26.1	3.5	4.2	3.8	0.054	0.054	5.116	5.11	0.444	0.416	91.3
7/20/2011 13:28	450.8	1326.6	10.807	11.03	10.32	1833.49	1876.02	153.98	144.9	26.1	26.1	3.5	4.3	3.9	0.055	0.054	5.03	5.1	0.446	0.42	91.2
7/20/2011 13:29	447.8	1319.1	10.791	10.98	10.29	1852.69	1854.65	150.27	141	23.9	23.9	3.8	4.3	4.1	0.05	0.05	5.044	5.077	0.437	0.41	91.4
7/20/2011 13:30	449.6	1304.4	10.83	11.12	10.25	1826.45	1870.12	144.13	135	21.9	21.9	3.6	4	3.8	0.046	0.046	5.033	5.048	0.422	0.396	91.6
7/20/2011 13:31	448.8	1295.3	10.884	11.21	10.27	1841.83	1903.28	141.27	132.3	20.3	20.1	3.6	4.3	4	0.043	0.042	5.05	5.065	0.412	0.395	91.9
7/20/2011 13:32	447.9	1292.7	10.803	11.32	10.32	1840.82	1923.83	142	133.2	21.3	21.4	3.5	4.3	3.9	0.044	0.045	5.094	5.089	0.41	0.395	91.9
7/20/2011 13:33	449.9	1292.9	10.784	11.3	10.35	1829.79	1918.94	142.91	133.9	23.5	23.4	3.5	4.2	3.8	0.049	0.048	5.076	5.095	0.413	0.397	91.9
7/20/2011 13:34	449.3	1291.3	10.782	11.34	10.33	1830.85	1926.07	145.79	137	23.4	23.4	3.7	4	3.9	0.049	0.049	5.073	5.073	0.422	0.396	91.7
7/20/2011 13:35	449.1	1295.4	10.755	11.3	10.33	1819.05	1915.28	147.41	138.1	23.7	23.7	3.2	4	3.8	0.049	0.049	5.067	5.054	0.426	0.399	91.6
7/20/2011 13:36	450.6	1286.5	10.889	11.41	10.3	1848.96	1941.12	146.44	137.3	22.8	22.8	3.6	4.2	3.8	0.047	0.047	5.081	5.074	0.425	0.399	91.6
7/20/2011 13:37	447.9	1288.1	10.941	11.36	10.39	1864.22	1934.52	145.68	136.7	23.1	22.9	3.5	3.9	3.8	0.048	0.047	5.096	5.091	0.419	0.394	91.8
7/20/2011 13:38	447.1	1298.5	10.927	11.35	10.38	1860.35	1948.85	143.81	134.6	23.3	23.3	3.6	4.5	4	0.048	0.048	5.109	5.047	0.414	0.387	91.9
7/20/2011 13:39	450	1301.1	10.856	11.2	10.39	1836.34	1936.19	143.31	133.8	22.2	22.3	3.4	4.1	3.8	0.046	0.047	5.082	5.054	0.412	0.385	91.9
7/20/2011 13:40	449.2	1297.9	10.837	11.22	10.31	1820.83	1887.2	140.48	131.3	20.4	20.4	3.4	4.2	3.8	0.042	0.042	5.026	5.02	0.407	0.381	91.9
7/20/2011 13:41	447.9	1286.2	10.941	11.2	10.28	1846.72	1891.49	140.15	131.1	20	20	3.5	4.3	3.9	0.041	0.042	5.041	5.043	0.407	0.381	91.9
7/20/2011 13:42	448.1	1290.7	10.901	11.14	10.32	1854.66	1871.54	143.44	134.1	21.8	21.8	3.8	4	3.8	0.045	0.046	5.052	5.081	0.415	0.388	91.8
7/20/2011 13:43	451	1298.3	10.937	11.29	10.25	1856.23	1908.36	144.6	134.8	22	22	4	4.1	4.1	0.046	0.046	5.039	5.071	0.421	0.393	91.8
7/20/2011 13:44	448.5	1319.7	10.954	11.48	10.29	1865.23	1958.62	144.63	135.2	22.5	22.5	4	4.2	4.1	0.047	0.047	5.089	5.088	0.42	0.392	91.8
7/20/2011 13:45	447.9	1314.4	10.925	11.37	10.29	1862.4	1973.07	145.33	136.0	23.2	23.3	3.9	4.4	4.1	0.043	0.048	5.099	5.096	0.427	0.401	91.8
7/20/2011 13:46	449.2	1291.8	10.827	11.29	10.37	1828.82	1904.5	146.95	138.1	24.3	24.3	3.3	4.3	3.9	0.05	0.05	5.045	5.047	0.423	0.398	91.8
7/20/2011 13:47	448.6	1286.7	10.876	11.27	10.27	1837.16	1900.02	141.02	131.7	23.1	23.2	3.7	4.1	3.9	0.048	0.049	5.022	5.048	0.412	0.384	91.3
7/20/2011 13:48	448.8	1303.9	10.93	11.22	10.3	1822.71	1833.34	142.12	133.5	22.2	22.3	3.5	4.1	3.9	0.046	0.047	5.015	5.029	0.412	0.388	91.8
7/20/2011 13:49	450.4	1330.6	10.851	11.3	10.23	1822.51	1894.53	144.17	134.8	21.5	21.6	3.5	4.3	4	0.045	0.045	5.015	5.019	0.421	0.394	91.6
7/20/2011 13:50	449.6	1336.9	11.02	11.48	10.23	1863	1950.46	145.28	136.4	23.7	23.6	3.3	4.2	3.9	0.05	0.05	5.06	5.051	0.424	0.396	91.6
7/20/2011 13:51	448.9	1308.2	10.965	11.25	10.4	1873.07	1933.18	148.94	139.6	26.5	26.4	3.4	4	3.8	0.054	0.055	5.092	5.091	0.428	0.401	91.6
7/20/2011 13:52	448.1	1278.5	10.954	11.31	10.4	1866.26	1928.1	149.02	139.7	26.8	26.9	3.6	4.4	4	0.055	0.056	5.109	5.091	0.428	0.402	91.6
7/20/2011 13:53	448.2	1270.6	10.8	11.2	10.32	1824.54	1892.7	146.06	136.4	24.5	24.5	3.4	4.1	3.9	0.051	0.051	5.051	5.048	0.423	0.395	91.6
7/20/2011 13:54	448.6	1281.4	10.776	11.16	10.23	1803.18	1870.11	141.5	132.1	20.8	20.7	3.5	4.1	3.9	0.043	0.043	5.011	5	0.413	0.386	91.7
7/20/2011 13:55	449.2	1306.4	10.69	11.23	10.18	1825.77	1885.17	139.86	129.9	18.9	18.7	3.5	4.3	3.9	0.04	0.04	4.998	5.009	0.407	0.381	91.9
7/20/2011 13:56	447.6	1325.6	10.841	11.44	10.28	1829.02	1934.82	142.54	133.1	21	20.9	3.4	4.2	3.9	0.044	0.044	5.051	5.041	0.414	0.387	91.8
7/20/2011 13:57	449.2	1315.6	10.910	11.52	10.36	1857.09	1968.59	145.53	136.2	24.9	25.1	3.4	4.4	3.9	0.052	0.052	5.107	5.083	0.42	0.393	91.7
7/20/2011 13:58	449.5	1309.3	10.911	11.3	10.38	1817.53	1914.47	148.15	138.8	26.5	26.5	3.3	4.2	3.8	0.055	0.055	5.06	5.059	0.426	0.399	91.6
7/20/2011 13:59	451.2	1294.5	10.98	11.45	10.33	1842.86	1925.46	146.26	137	26.1	26.1	3.5	4.1	3.8	0.054	0.054	5.028	5.015	0.423	0.396	91.6
7/20/2011 14:00	449	1301.9	10.9	11.28	10.4	1829.43	1900.43	143.63	134.8	25.2	25.2	3.3	4	3.7	0.052	0.052	5.023	5.015	0.413	0.387	91.7
7/20/2011 14:01	448.3	1300.5	10.791	11.19	10.36	1792.6	1855.27	139.35	129.4	22.9	23	3.5	4	3.8	0.047	0.047	4.983	4.984	0.399	0.373	92
7/20/2011 14:02	447.6	1311.6	10.793	11.11	10.23	1791.99	1852.21	138.44	128.1	20.7	20.6	3.8	4	3.9	0.043	0.043	4.984	4.981	0.399	0.374	92
7/20/2011 14:03	447.5	1314.5	10.824	11.19	10.21	1799.5	1851.81	138.05	129.1	20.1	20.1	3.7	4.4	4.1	0.042	0.042	4.945	4.965	0.404	0.378	91.9
7/20/2011 14:04	448.2	1327.9	10.812	11.24	10.21	1802.37	1877.65	138.33	129.1	22.2	22.2	3.2	4.2	3.7	0.047	0.047	4.981	4.981	0.405	0.378	91.9
7/20/2011 14:05	449.2	1334.7	10.705	11.31	10.25	1798.28	1908.78	140.46	131.1	24.5	24.5	3.7	4.5	4.1	0.052	0.051	5.043	4.991	0.41	0.383	91.9
7/20/2011 14:06	448.8	1329.9	10.827	11.41	10.23	1829.23	1927.69	140.13	131.4	24.4	24.3	3.5	4	3.8	0.051	0.051	5.046	4.999	0.41	0.384	91.8
7/20/2011 14:07	448.9	1318.2	10.908	11.32	10.26	1828.81	1912.23	142.03	132.7	26.9	27	3.5	4.2	4	0.055	0.056	5.051	5.007	0.41	0.383	91.8
7/20/2011 14:08	448.5	1316.9	11.036	11.2	10.36	1850.59	1886.19	142.73	133.2	24.9	24.9	3.2	4	3.8	0.053	0.053	5.029	5.009	0.41	0.384	91.8
7/20/2011 14:09	448.9	1315.8	10.85	11.03	10.36	1813.15	1854.25	141.65	132.5	22.7	22.6	3.4	4.5	3.9	0.048	0.048	5.011	5.002	0.409	0.383	91.9
7/20/2011 14:10	448.3	1311.1	10.810	11.26	10.23	1799.42	1854.65	137.06	128.3	19	19.2	3.1	4.4	3.9	0.04	0.041	4.923	4.962	0.404	0.377	91.9
7/20/2011 14:11	448.2	1303.6	10.811	11.29	10.25	1790.36	1874.6	137.06	128.4	19.9	19.9	3.9	3.8	3.9	0.042	0.042	4.952	4.944	0.4	0.374	92
7/20/2011 14:12	449	1307.6	10.789	11.33	10.29	1791.79	1912.45	139.4	129.4	21.4	21.5	3.5	4.5	4	0.044	0.044	5.059	4.987	0.401	0.376	91.9
7/20/2011 14:13	449	1311.7	10.911	11.32	10.3	1809.7	1939.42	139.71	130	21.2	21.2	3.6	4.2	3.9	0.045	0.045	5.014	4.956	0.405	0.377	91.9
7/20/2011 14:14	449.6	1316.7	10.998	11.35	10.35	1847.53	1912.23	140.01	131.1	22.1	22.2	3.7	4.1	4	0.046	0.046	5.03	5.005	0.405	0.379	91.9
7/20/2011 14:15	449.1	1304.6	10.893	11.4	10.4	1836.75	1929.73	140.93	131.6	22.6	22.7	4	4.3	4.1	0.047	0.047	5.057	5.048	0.404	0.377	92
7/20/2011 14:16	447.4	1290.9	10.817	11.26	10.36	1834.52	1910.81	143.54	134.5	22.3	22.4	3.9	4.4	4.2	0.046	0.047	5.069	5.069	0.413	0.387	91.9
7/20/2011 14:17	449.3	1291.2	10.806	11.29	10.31	1825.97	1907.55	144.43	135.1	22.4	22.4	4	4.3	4.1	0.047	0.047	5.061	5.054	0.418	0.391	91.7
7/20/2011 14:18	448.2	1300.1	10.815	11.24	10.27	1825.16	1899.82	142.87	132.4	22	22.1	3.6	4.2	4	0.046	0.046	5.05	5.044	0.416	0.388	91.7
7/20/2011 14:19	448.4	1291.6	8.243	2.41	7.26	1237.39	631.92	102.1	94.6	11.1	11	3.6	4.4	3.9	0.032	0.032	25.497	8.031	0.416	0.355	89.6
7/20/2011 14:20	450.1	1287.6	0.592	1.02	0.23	179.95	199.58	11.20	9.5	0.3	0.3	3.7	4.3	4	0.028	0.028	19.129	20.053	1.741	1.38	53.3
7/20/2011 14:21	450.6	1245.6	1.066	6.89	2.95	175.55	1046.95	47.85	43.3	10.6	10.6	3.5	4.3	4	0.085	0.085	4.441	5.462	0.55	0.481	83.1
7/20/2011 14:22	450.4	1309.5	7.501	10.74	9.0	1110.64	1750.08	148.53	139	23.6	23.5	3.4	4.4	3.9	0.058	0.056	4.818	4.924	0.461	0.42	90.6
7/20/2011 14:23	450.3	1299.4	10.617	11.06	10.54	1707.41	1969.1	159.38	149.3	24.1	24.2	3.5	4	3.8	0.049	0.05	5.064	4.909	0.455	0.427	91.6
7/20/2011 14:24	450.1	1272.9	10.641	11.09	10.57	1803.39	1891.89	150.08	143.3	24.5	24.5	3.6	4.4	3.8	0.05	0.049	5.082	5.058	0.435	0.407	91.7
7/20/2011 14:25	449.3	1277	10.576	11.05	10.43	1787.11	1866.05	149.08	139.4	21.9	22.1	3.5	4.4	3.9	0.046	0.046	5.047	5.057	0.428	0.401	91.5
7/20/2011 14:26	448.3	1305.2	10.58	11	10.29	1787.25	1862.79	145.91	136.1	21.1	21	3.8	4.2	4	0.044	0.044	5.052	5.039	0.422	0.394	91.6
7/20/2011 14:27	448.7	1321.2	10.619	11.15	10.25	1788.87	1882.12	142.69	134.1	21	21	3.6	4.2	3.9	0.044	0.044	5.042	5.02	0.419	0.391	91.7
7/20/2011 14:28	448.5	1312.5	10.741	11.23	10.27	1808.27	1901.24	140.13	133.9	24.2	24.2	3.3	4.1	3.8	0.05	0.05	5.053	5.03	0.416	0.389	91.8
7/20/2011 14:29	449.6	1306.4	10.772	11.3	10.34	1829.30	1923.83	144.46	135.3	25.2	25.3	3.4	4.6	3.9	0.053	0.053	5.086	5.07	0.417	0.39	91.6

Wilson-Coal

Date Time	GEN1	FLOW1	CO2 duct1	CO2 duct2	CO2 stack	SO2 duct1	SO2 duct2	SO2 stack	SO2 (high)	NOX (low)	NOX (high)	Opacity duct1	Opacity duct2	Opacity stack	NOx rate(low)	NOx rate (high)	SO2 rate duct1	SO2 rate duct2	SO2 rate stack (low)	SO2 rate stack (high)	% SO2 rad'n
7/20/2011 14:30	448.9	1302	10.924	11.10	10.36	1846.31	1920.17	148.46	139.1	25.4	25.4	3.9	4.2	4.1	0.053	0.053	5.088	5.091	0.426	0.399	91.6
7/20/2011 14:31	449	1295.2	10.829	11.14	10.78	1845.09	1933.92	150.76	141.6	24.7	24.7	3.4	4.1	4	0.051	0.052	5.07	5.092	0.401	0.408	91.4
7/20/2011 14:32	449.1	1292.3	10.842	11.13	10.32	1843.7	1869.91	146.74	137.8	24.9	24.9	3.6	4.1	3.9	0.052	0.052	5.043	5.06	0.426	0.401	91.6
7/20/2011 14:33	448.7	1298.4	10.923	11.08	10.26	1822.51	1885.64	141.7	132.5	23.2	23.2	3.6	4.1	4	0.049	0.049	5.024	5.034	0.415	0.389	91.8
7/20/2011 14:34	448.4	1307.5	10.874	11.17	10.24	1828.61	1881.1	133.54	129.5	22.2	22.2	3.9	4.3	4	0.047	0.047	5.028	5.022	0.405	0.378	92
7/20/2011 14:35	449.7	1310.6	10.88	11.14	10.3	1830.44	1883.95	139.93	130.9	21.4	21.4	3.5	4.1	3.9	0.045	0.045	5.044	5.032	0.405	0.379	91.9
7/20/2011 14:36	447.7	1313.6	10.911	11.16	10.29	1836.34	1876.63	143.03	133.5	22	21.9	3.2	4.2	3.9	0.046	0.045	5.023	5.038	0.414	0.387	91.5
7/20/2011 14:37	449.5	1320.5	11.061	11.27	10.3	1872.15	1897.23	142.74	133.6	21.7	21.8	3.5	4	3.9	0.046	0.046	5.04	5.058	0.414	0.387	91.8
7/20/2011 14:38	449.8	1322.7	11.058	11.44	10.4	1893.31	1944.24	145.15	136.4	23.6	23.5	3.3	4.2	3.8	0.047	0.047	5.079	5.111	0.416	0.391	91.5
7/20/2011 14:39	449.6	1311.8	10.925	11.42	10.45	1870.52	1915.6	149.43	140.3	26.5	26.4	3.5	4.3	4.1	0.054	0.054	5.097	5.117	0.426	0.4	91.8
7/20/2011 14:40	450.2	1291.8	10.773	11.33	10.42	1832.07	1930.74	143.57	139.5	24.7	24.6	3.1	4	3.8	0.052	0.052	5.077	5.064	0.428	0.401	91.6
7/20/2011 14:41	450.5	1276.2	10.794	11.38	10.34	1816.61	1921.59	143.37	133.9	22.1	22.1	3.4	4.2	3.8	0.046	0.047	5.035	5.024	0.417	0.39	91.8
7/20/2011 14:42	447.8	1280.2	10.789	11.42	10.33	1817.22	1925.46	138.40	129.6	21.1	21.1	3.3	4.2	3.9	0.044	0.044	5.042	5.034	0.402	0.376	92.1
7/20/2011 14:43	448.9	1291.5	10.718	11.20	10.35	1803.18	1905.11	137.08	128.8	21.4	21.5	3.4	4.2	3.9	0.044	0.044	5.035	5.032	0.397	0.371	92.1
7/20/2011 14:44	449.5	1300.1	10.683	11.32	10.29	1798.88	1897.58	140.44	131	21.2	21.1	3.4	4.4	3.9	0.045	0.045	5.021	5.027	0.406	0.379	91.9
7/20/2011 14:45	449.2	1322.4	10.68	11.44	10.25	1798.87	1931.78	143.08	134.2	22.3	22.4	3.4	4.3	3.9	0.046	0.046	5.05	5.027	0.417	0.391	91.7
7/20/2011 14:46	448.8	1343.3	10.784	11.52	10.29	1820.27	1960.65	144.13	134.9	23.9	23.8	3.3	4.3	3.7	0.05	0.049	5.078	5.04	0.42	0.393	91.7
7/20/2011 14:47	448.3	1347.7	10.789	11.53	10.35	1821.05	1966.14	144.92	135.7	25.9	25.9	3.5	4.5	3.9	0.053	0.053	5.107	5.071	0.418	0.391	91.3
7/20/2011 14:48	443.4	1321.7	10.732	11.39	10.4	1818.44	1941.53	145.19	136	26.1	25.9	3.5	4.3	4	0.054	0.054	5.077	5.063	0.418	0.392	91.3
7/20/2011 14:49	449	1294.5	10.805	11.39	10.29	1826.17	1928.1	143.67	134.1	24.5	24.5	3.6	4.4	4	0.051	0.051	5.068	5.05	0.417	0.389	91.6
7/20/2011 14:50	443.4	1282.9	10.812	11.47	10.3	1834.92	1943.56	144.16	134.9	24	24	3.4	4.5	3.9	0.05	0.051	5.06	5.071	0.419	0.392	91.6
7/20/2011 14:51	449	1299.4	10.785	11.46	10.32	1829.63	1941.93	143.41	134.1	23.8	23.9	3.3	4.2	4	0.05	0.05	5.067	5.073	0.415	0.388	91.6
7/20/2011 14:52	448.4	1316.7	10.836	11.45	10.31	1843.9	1944.38	144.71	135.3	23.5	23.5	3.3	4.3	3.8	0.049	0.049	5.055	5.057	0.418	0.391	91.5
7/20/2011 14:53	449.6	1314.4	10.817	11.29	10.31	1823.55	1914.88	144.81	135.6	23.2	23.1	3.3	4.4	3.8	0.049	0.049	5.054	5.037	0.42	0.394	91.7
7/20/2011 14:54	447.8	1302.9	10.913	11.18	10.23	1859.45	1873.78	142.3	133.4	22.2	22.3	3.5	4.2	4	0.047	0.047	5.003	5.012	0.417	0.39	91.7
7/20/2011 14:55	449	1292.8	10.92	11.3	10.23	1895.13	1905.92	140.88	132.3	22.4	22.4	3.3	4.1	3.8	0.047	0.047	5.016	5.021	0.411	0.387	91.8
7/20/2011 14:56	448.6	1293.5	11.017	11.44	10.27	1866.23	1936.85	140.38	131.8	22.5	22.7	3.5	4.2	3.8	0.047	0.047	5.061	5.059	0.409	0.384	91.9
7/20/2011 14:57	447.9	1305.3	11.019	11.44	10.38	1896.19	1942.55	142.84	133.5	24.1	24.1	3.3	4.4	3.9	0.049	0.049	5.082	5.101	0.41	0.384	91.9
7/20/2011 14:58	449.6	1320.7	10.952	11.43	10.43	1866.25	1939.29	147.33	138.2	24	24	3	4.3	3.8	0.05	0.049	5.072	5.092	0.421	0.393	91.7
7/20/2011 14:59	448.7	1321.4	10.925	11.39	10.39	1852.22	1926.07	149.11	140.5	24.8	24.9	3	4.5	3.7	0.051	0.052	5.062	5.066	0.426	0.404	91.5
7/20/2011 15:00	448.8	1304.1	10.948	11.46	10.35	1848.15	1933.39	144.86	135.7	25.1	25.2	3.5	4.2	3.9	0.052	0.053	5.028	5.045	0.42	0.394	91.7
7/20/2011 15:01	443.9	1288.4	10.895	11.46	10.35	1845.55	1920.78	140.95	131.7	24.1	24.1	3.5	4.1	3.9	0.051	0.05	5.023	5.028	0.409	0.382	91.9
7/20/2011 15:02	450	1299.1	10.934	11.45	10.39	1836.34	1928.91	137.92	129	23.3	23.3	3.1	4.4	3.8	0.048	0.048	5.01	5.018	0.393	0.371	92.1
7/20/2011 15:03	448.7	1314	10.903	11.49	10.35	1831.66	1923.22	137.93	128.8	23.5	23.5	3.2	4.4	3.7	0.049	0.049	5.022	5.02	0.398	0.372	92.1
7/20/2011 15:04	447.2	1329.6	10.841	11.47	10.36	1827.10	1947.84	140.88	131.8	23.5	23.4	3.5	4.6	4.1	0.049	0.049	5.063	5.028	0.404	0.378	92
7/20/2011 15:05	450.1	1344.7	10.813	11.51	10.33	1824.54	1956.18	142.8	133.3	23.5	23.5	3.4	4.4	4	0.049	0.048	5.075	5.042	0.412	0.385	91.9
7/20/2011 15:06	448.7	1343.2	10.903	11.53	10.36	1842.24	1956.58	145.14	136.4	24.7	24.7	3.2	4.4	3.8	0.051	0.052	5.072	5.048	0.418	0.392	91.8
7/20/2011 15:07	450.2	1337	11.021	11.53	10.41	1873.37	1966.75	147.56	137.9	26.4	26.4	3.4	4.5	4	0.054	0.054	5.09	5.079	0.423	0.396	91.7
7/20/2011 15:08	449.7	1311	10.936	11.51	10.44	1894.01	1962.23	147.66	138.5	26.7	26.7	3.2	4.5	3.8	0.055	0.056	5.101	5.093	0.423	0.397	91.7
7/20/2011 15:09	450.6	1287.6	10.792	11.33	10.44	1832.07	1922.61	146.63	137.4	25.4	25.5	3.3	4.4	4	0.053	0.053	5.076	5.072	0.42	0.394	91.7
7/20/2011 15:10	449.3	1284.4	10.837	11.32	10.28	1822.71	1901.24	140.28	131.6	22.4	22.4	3.1	4	3.8	0.047	0.047	5.027	5.028	0.41	0.385	91.3
7/20/2011 15:11	449.6	1294.4	10.656	11.33	10.27	1788.74	1869.82	137.43	129.7	21.3	21.3	3	4.5	3.8	0.045	0.045	5.018	5.018	0.4	0.375	92
7/20/2011 15:12	448.6	1301.2	10.701	11.46	10.21	1792.4	1942.31	139.52	130.7	22.8	22.8	3.5	4.5	4.1	0.047	0.047	5.059	5.005	0.406	0.38	91.9
7/20/2011 15:13	449.6	1299.6	10.783	11.42	10.24	1818.44	1927.05	144.36	135.4	25.6	25.5	3.3	4.4	3.8	0.052	0.053	5.075	5.037	0.42	0.394	91.7
7/20/2011 15:14	449.6	1297	10.845	11.42	10.3	1839.6	1940.31	144.5	135.7	26.2	26.3	3.9	4.6	3.8	0.055	0.055	5.085	5.068	0.42	0.394	91.7
7/20/2011 15:15	449	1291.1	10.901	11.47	10.32	1849.77	1950.07	142.54	133.5	24.4	24.3	3.3	4.2	3.8	0.052	0.052	5.082	5.071	0.414	0.388	91.3
7/20/2011 15:16	448.5	1275.6	10.831	11.46	10.36	1837.16	1939.27	140.04	131.1	22.5	22.5	3.1	4.2	3.7	0.047	0.047	5.071	5.018	0.405	0.38	92
7/20/2011 15:17	448.9	1270.7	10.806	11.46	10.33	1825.97	1939.49	138.48	129.4	22.7	22.7	2.9	4.2	3.7	0.047	0.047	5.045	5.049	0.4	0.374	92.1
7/20/2011 15:18	448.9	1278.3	10.745	11.36	10.31	1812.74	1920.98	139.11	129.5	22	22	3.4	4.1	3.9	0.048	0.048	5.055	5.041	0.400	0.375	92.1
7/20/2011 15:19	450.6	1291.5	5.992	2.47	7.49	1166.98	649.41	94.95	63	10.7	10.5	3.6	4.7	4.1	0.031	0.031	26.554	7.929	0.373	0.345	90.3
7/20/2011 15:20	447	1300.3	0.653	0.93	0.23	195.92	193.28	11.79	9.8	0.9	0.2	3.3	4.5	3.9	0.029	0.033	20.003	22.888	1.775	1.437	57.6
7/20/2011 15:21	446	1291.9	0.951	7	2.97	161.54	1062.01	49.25	44.7	9.7	9.6	3.3	4.3	3.9	0.084	0.084	4.446	5.485	0.572	0.5	83.6
7/20/2011 15:22	447.7	1280.6	7.576	10.92	9.46	1137.49	1762.22	142.62	134.2	23	23.1	3.3	4.3	3.3	0.054	0.054	4.809	5.445	0.455	0.427	91.1
7/20/2011 15:23	448.6	1282.2	10.576	11.11	10.48	1742.15	1856.49	156.03	146.8	23.5	23.5	3.2	4.6	3.8	0.049	0.049	4.992	4.922	0.447	0.421	91.9
7/20/2011 15:24	449.1	1296.6	10.76	11.21	10.48	1814.17	1896.36	149.49	140.4	23.5	23.5	3.1	4.3	3.8	0.047	0.048	5.032	5.038	0.429	0.403	92
7/20/2011 15:25	449.5	1310.3	10.851	11.33	10.47	1848.96	1918.74	148.49	137.3	25	25.1	3.3	4.6	3.9	0.051	0.052	5.084	5.06	0.419	0.393	91.8
7/20/2011 15:26	450.2	1310.6	10.754	11.33	10.5	1826.98	1931.15	145.04	136.5	25.1	25.1	3.3	4.3	3.9	0.052	0.051	5.071	5.076	0.42	0.392	91.7
7/20/2011 15:27	448.7	1305.2	10.709	11.28	10.43	1808.08	1901.65	147.44	138.8	24.4	24.3	3.2	4.5	3.9	0.05	0.05	5.058	5.048	0.423	0.393	91.6
7/20/2011 15:28	450.2	1290.6	10.751	11.24	10.36	1809.9	1885.14	142.17	133.5	23.2	23.2	3.1	4.2	3.7	0.049	0.049	5.012	5.03	0.412	0.387	91.6
7/20/2011 15:29	448.5	1296.9	10.816	11.23	10.36	1821.9	1897.21	139.15	130.2	21.1	21	2.9	4.1	3.8	0.044	0.044	5.015	5.033	0.402	0.376	92
7/20/2011 15:30	448.9	1312.6	10.825	11.27	10.35	1826.09	1904.26	137.21	128.5	21.6	21.6	3.1	4.4	3.8	0.045	0.044	5.037	5.042	0.397	0.372	92.1
7/20/2011 15:31	448.5	1313.3	10.901	11.44	10.35	1850.79	1938.38	140.2	131.4	23.4	23.4	3.2	4.1	3.7	0.048	0.048	5.057	5.073	0.403	0.378	92
7/20/2011 15:32	448.3	1300.9	10.971	11.48	10.43	1866.66	1943.77	144.31	135.2	24.4	24.3	3.3	4.3	3.9	0.05	0.049	5.074	5.085	0.412	0.386	91.9
7/20/2011 15:33	449.2	1289.1	10.941	11.26	10.5	1863.41	1904.91	145.84	137	25.4	25.5	3.4	4.3	3.9	0.052	0.052	5.064	5.089	0.415	0.389	91.5
7/20/2011 15:34	447.8	1286	10.859	11.23	10.43	1837.97	1882.93	142.68	133.9	24.1	24.1	3.0	4.4	3.9	0.05	0.05	5.011	5.057	0.41	0.385	91.9
7/20/2011 15:35	448.1	1284.1	10.812	11.27	10.34	1822.51	1888.34	138.62	129.8	21	21	3.5	4.4	4	0.044	0.045	5.005	5.037	0.401	0.376	92
7/20/2011 15:36	449.9	1278.7	10.763	11.4	10.34	1812.95	1919.76	137.78	128.7	21.1	21.1	2.9	4.5	3.7	0.043	0.043	5.019	5.033	0.398	0.372	92.1
7/20/2011 15:37	447.8	1280.6	10.77	11.39	10.35	1817.63	1921.79	138.62	129.8	22.8	22.7	3.3	4.3	3.9	0.047	0.047	5.042	5.049	0.4	0.374	92.1
7/20/2011 15:38	449.1	1291.9	10.772	11.42	10.36	1817.22	1924.03	140.05	131.7	23.9	23.8	3.2	4.7	3.9	0.049	0.049	5.038	5.041	0.404	0.379	92
7/20/2011 15:39	448.8	1298.2	10.838	11.48	10.34	1841.02	1950.86	139.26	130.3	24	24.1	3.3	4.3	3.8	0.05	0.05	5.074	5.052	0.403	0.377	92.1
7/20/2011 15:40	449.5	1299.6	11.004	11.44	10.39	1873.58	1965.63	142.58	133.5	24.1	24	3	4.3	3.9	0.05	0.05	5.07	5.087	0.408	0.381	92
7/20/2011 15:41	448.6	1288.4	10.928	11.38	10.45	1847.39	1963.99	144.78	135.9	24.1	24.1	3.1	4.1	3.6	0.05	0.049	5.019	5.051	0.415	0.39	91.6
7/20/2011 15:42	449.8	1274.7	10.68	11.43	10.39	1830.24	1914.06	140.09	131	22	22	3.2	4.2	3.7	0.046	0.046	5.022	5.028	0.406	0.379	91.9
7/20/2011 15:43	449.1	1286.1	10.912	11.41	10.39	1334.92	1928.51	135.72	126.7	21.4	21.4	3.2	4.2	3.7	0.044	0.044	5.037	5.025	0.391	0.366	92.2
7/20/2011 15:44	450.1	1308	10.962	11.46	10.4	1853.84	1930.95	139.94	129.9	21.4	21.5	3.1	4.1	3.6	0.044	0.044	5.043	5.054	0.398	0.372	92.3
7/20/2011 15:45	448.1	1301.1	10.93	11.46	10.40	1849.57	1920.39	137.99	129.2	22.9	23	3.5	4.5	4	0.046	0.047	5.045	5.058	0.394	0.368	92.2
7/20/2011 15:46	447.9	1346.7	10.851	11.36	10.41	1837.97	1916.1	141.2	132.1	23.8	23.8	3.5	4.3	4	0.049	0.049	5.042	5.061	0.403	0.377	92
7/20/2011 15:47	450	1344.4	10.664	11.44	10.37	1799.93	1927.49	142.82	133.8	25.2	25.3	3.2	4.2	3.9	0.052	0.052	5.044	5.046	0.411	0.381	91.8
7/20/2011 15:48	450	1328.6	10.806	11.53	10.33	1823.21	1967.37	144.17	135	25.4	25.5	3.5	4.3	3.9	0.053	0.053	5.068	5.055	0.416	0.38	91.8
7/20/2011 15:49	450.4	1314.6	10.863	11.52	10.41	1849.57	1957.4	146.93	137.8	26.1	26.1	3.2	4.2	3.8	0.054	0.054	5.103	5.087	0.421	0.395	91.7
7/20/2011 15:50	447.6	1299.2	10.804	11.36	10.48	1824.95	1926.66	147.05	137.8	25.8	26	3.2	4.3	3.7	0.054	0.054	5.056	5.047	0.42	0.394	91.7
7/20/2011 15:51	447.8	1295.6	10.702	11.38	10.39	1797.89	1905.92	142.51	133.5	23.4	23.4	3.4	4.3	4	0.049	0.049	5.019	5.019	0.411	0.385	91.8
7/20/2011 15:52	449	1313	10.689	11.39	10.31	1794.84	1923.63	143.96	135.2	20.9	20.9	3.8	4.3	4.1	0.044	0.044	5.028	5.017	0.403	0.378	92
7/20/2011 15:53	447.1	1331.6	10.719	11.35	10.31	1806.94	1905.72	139.32	129.9	20.6	20.6	3.7	4.2	3.9	0.043	0.042	5.013	5.037	0.402	0.376	93
7/20/2011 15:54	449.3	1341.5	10.705	11.42	10.28	1808.88	1923.22	142.03	132.9	21.4	21.4	3.2	4.2	3.7	0.044	0.044	5.042	5.049	0.411	0.384	91.9

Date Time	GEN1	FLOW1	CO2 duct1	CO2 duct2	CO2 stack	SO2 duct1	SO2 duct2	SO2 stack	SO2 (high)	NOX (low)	NOX (high)	Opacity duct1	Opacity duct2	Opacity stack	NOx rate(low)	NOx rate (high)	SO2 rate duct1	SO2 rate duct2	SO2 rate stack (low)	SO2 rate stack (high)	% SO2 red'n
7/20/2011 15:55	449.3	1[illegible]	10.859	11.46	10.3	1840.01	1949.67	145.66	136.8	23	23.1	3.3	4.2	3.8	0.047	0.047	5.086	5.063	0.421	0.396	91.7
7/20/2011 15:56	450.7	1331.5	10.904	11.39	10.4	1860.[illegible]	1925.66	147.6	[illegible]	24.9	25.1	3	3.9	3.5	0.052	0.052	5.078	5.097	0.424	0.397	91.8
7/20/2011 15:57	450.5	1319.1	10.788	11.3[illegible]	10.[illegible]	1832.09	1905.22	147.6	138.1	25.4	25.5	2.9	4.1	[illegible]	0.053	0.053	5.094	5.077	0.424	0.398	91.6
7/20/2011 15:58	449.9	1321.9	10.788	11.29	10.52	1831.87	1909.99	142.57	133.6	24	24	3.5	4.3	3.9	0.05	0.051	5.059	5.074	0.416	0.389	91.8
7/20/2011 15:59	448.1	1328.4	10.6[illegible]	11.23	10.3	1800.33	1881.1	140.74	131.8	22.2	22.3	3.5	4.1	3.6	0.047	0.047	5.012	5.035	0.408	0.382	91.9
7/20/2011 16:00	448.9	1321	10.767	11.21	10.22	1819.05	1883.54	139.04	129.9	22.1	22.3	3.5	4.1	3.6	0.046	0.047	5.016	5.042	0.407	0.381	91.9
7/20/2011 16:01	450.6	1309.9	10.746	11.14	10.19	1819.46	1870.57	140.35	131.8	22.3	22.4	3.5	4.4	3.9	0.047	0.047	5.03	5.058	0.41	0.385	91.9
7/20/2011 16:02	448.8	1309.2	10.742	11.34	10.17	1816.44	1908.16	141.96	132.1	23.5	23.5	3.3	4.4	3.9	0.049	0.049	5.033	5.058	0.416	0.39	91.7
7/20/2011 16:03	449.5	1314.4	10.865	11.44	10.21	1847.13	1942.54	144.32	135.2	25.[illegible]	25.2	3.6	4	3.9	0.052	0.053	5.072	5.071	0.421	0.394	91.7
7/20/2011 16:04	451.4	1322.9	10.863	11.49	10.33	1852.01	1958.01	146.66	137.4	26.7	26.8	3.4	4.4	4	0.055	0.055	5.091	5.085	0.424	0.398	91.7
7/20/2011 16:05	448.5	1320.6	10.904	11.35	10.35	1860.25	1929.53	148.73	137.9	26.9	26.9	3.2	4.1	3.7	0.056	0.056	5.073	5.098	0.423	0.398	91.7
7/20/2011 16:06	450.7	1304.6	10.854	11.4	10.35	1848.1[illegible]	1933.19	143.95	134.7	24.5	24.4	3.1	4.2	3.7	0.052	0.052	5.068	5.088	0.417	0.391	91.8
7/20/2011 16:07	447.8	1291.5	10.873	11.39	10.34	1838.17	1932.37	139.74	131	23.2	23.2	3.1	4.3	3.8	0.049	0.048	5.06	5.051	0.406	0.381	92
7/20/2011 16:08	448	1305	10.971	11.37	10.33	1858.93	1921.18	140.13	131.3	23.9	23.9	3.3	4.4	3.9	0.049	0.049	5.057	5.033	0.403	0.377	92
7/20/2011 16:09	450.9	1328.[illegible]	10.863	11.22	10.41	1836.34	1895.51	143.81	134.2	24.7	24.7	3.5	4.4	3.9	0.051	0.051	5.042	5.051	0.412	0.384	91.9
7/20/2011 16:10	449.6	1325.5	10.81	11.32	10.32	1820.07	1904.7	142	132.8	23.1	22.9	3.2	4.4	3.8	0.048	0.048	5.028	5.031	0.413	0.386	91.8
7/20/2011 16:11	447.8	1323.3	10.903	11.26	10.29	1836.75	1890.03	139.41	130.6	24.1	24.2	3.2	4.4	3.7	0.05	0.05	5.034	5.033	0.406	0.379	92
7/20/2011 16:12	450.3	1307.9	11.049	11.31	10.33	1874.59	1923.42	140.55	131.9	25	25.1	3.4	4.3	3.9	0.052	0.052	5.061	5.07	0.405	0.381	92
7/20/2011 16:13	450.5	1302.9	11.025	11.37	10.4	1877.85	1919.15	142.69	134.1	25.8	25.8	3.1	4.4	3.6	0.053	0.054	5.059	5.089	0.41	0.385	91.9
7/20/2011 16:14	449.2	1299.6	10.933	11.39	10.41	1863.61	1929.03	144.99	136.4	27	27	3.2	4.2	3.7	0.055	0.055	5.072	5.093	0.416	0.391	91.8
7/20/2011 16:15	451.6	1297	10.799	11.31	10.28	1840.41	1899.21	144.46	135.5	26.1	26	3.2	4.3	3.7	0.054	0.054	5.04	5.082	0.416	0.39	91.9
7/20/2011 16:16	449.5	1302.4	10.754	11.4	10.32	1825.36	1919.76	142.55	133.4	24.7	24.6	3.3	4	3.3	0.052	0.052	5.057	5.072	0.414	0.388	91.8
7/20/2011 16:17	449.5	1312.8	10.787	11.42	10.31	1817.63	1930.95	141.56	133.1	23.6	23.7	3	4.3	3.6	0.049	0.05	5.045	5.044	0.411	0.386	91.9
7/20/2011 16:18	447.8	1322.7	10.711	11.4	10.32	1808.34	1928.01	140.73	131	23.7	23.7	3.2	4.3	3.7	0.049	0.049	5.04	5.041	0.406	0.381	91.9
7/20/2011 16:19	449.5	1314.3	5.988	9.72	7.78	1154.99	591.55	98.14	91.7	11.6	11.6	3.6	4.6	4.1	0.029	0.029	27.571	7.67	0.442	0.412	88.8
7/20/2011 16:20	449.1	1294.3	0.635	0.99	0.25	122.46	163.51	11.15	9.0	0.4	0.3	3.5	4.4	4	0.05	0.056	23.882	21.755	1.454	1.178	56.4
7/20/2011 16:21	450.1	1256.1	1.065	6.84	2.96	179.34	1005.86	50	46	11.2	11.2	3.2	4.8	3.9	0.001	0.093	4.012	5.336	0.584	0.509	83.3
7/20/2011 16:22	447.7	1292.8	7.811	10.77	9.46	1161.3	1735.23	146.11	137.1	26	25.9	3.2	4.2	3.8	0.061	0.061	4.787	4.534	0.463	0.435	91
7/20/2011 16:23	449.6	1301.6	10.605	10.9	10.44	1759.49	1829.02	159.17	149.9	25.6	25.7	3.7	4.3	4	0.053	0.053	5.013	4.931	0.457	0.431	91.3
7/20/2011 16:24	449	1310.6	10.863	11.07	10.48	1845.[illegible]	1859.51	152.61	143.6	23.3	23.4	3.6	4.7	4.2	0.048	0.048	5.029	5.078	0.436	0.411	91.3
7/20/2011 16:25	447.3	1315.8	10.699	11.12	10.47	1877.17	1888.02	149.61	140.[illegible]	23.5	23.6	3.3	4.3	3.9	0.049	0.048	5.071	5.135	0.427	0.402	91.6
7/20/2011 16:26	449.3	1312.1	10.819	10.98	10.47	1853.84	1863	149.08	140.7	25.4	25.4	3.3	4.4	3.9	0.052	0.052	5.062	5.12	0.426	0.401	91.6
7/20/2011 16:27	449.7	1310.9	10.736	11.12	10.31	1829.22	1870.12	148.48	137.7	23.7	23.8	3.2	4.3	3.8	0.05	0.05	5.03	5.091	0.424	0.4	91.6
7/20/2011 16:28	449.3	1309.9	10.736	11.27	10.28	1832.48	1909.59	146.35	137	24.1	24.1	3.1	4.3	3.7	0.05	0.05	5.055	5.1	0.423	0.398	91.7
7/20/2011 16:29	447.2	1302.9	10.548	11.22	10.32	1890.13	1892.14	143.63	135.3	24.1	24.1	3	4.4	3.7	0.05	0.05	5.095	5.075	0.417	0.392	91.7
7/20/2011 16:30	449	1295.8	10.53	11.18	10.26	1785.28	1879.48	140.57	132.5	22.9	22.7	3	4.3	3.7	0.048	0.048	5.012	5.057	0.41	0.386	91.9
7/20/2011 16:31	448.4	1304.6	10.607	11.26	10.21	1780.8	1889.45	139.59	131.1	23.1	23.1	3.2	4.4	3.7	0.049	0.048	5.009	5.016	0.409	0.384	91.9
7/20/2011 16:32	448.6	1309.5	10.536	11.22	10.24	1788.53	1837.21	140.44	132.2	24.6	24.6	3.1	4.3	3.9	0.052	0.052	5.025	5.043	0.41	0.386	91.9
7/20/2011 16:33	448.5	1305.7	10.553	11.29	10.22	1780.4	1899.82	140.07	132.8	24.6	24.6	2.9	4.4	3.9	0.052	0.051	5.023	5.041	0.412	0.388	91.8
7/20/2011 16:34	449.2	1299.4	10.632	11.34	10.21	1704.84	1909.38	140.27	131.8	24.4	24.3	3.2	4.3	3.9	0.052	0.051	5.003	5.044	0.411	0.387	91.9
7/20/2011 16:35	449.7	1299.7	10.89	11.45	10.25	1857.3	1949.67	141.17	132.7	25.1	25	3.2	4.3	3.8	0.053	0.052	5.076	5.095	0.411	0.386	91.9
7/20/2011 16:36	449	1307	10.923	11.2	10.4	1874.8	1903.69	147.27	138.5	26.8	26.5	3.1	4.2	3.7	0.055	0.055	5.093	5.128	0.422	0.397	91.8
7/20/2011 16:37	449	1303.9	10.855	11.11	10.37	1848.55	1871.75	149.21	140.7	25.5	25.4	3	4.1	3.6	0.053	0.053	5.048	5.089	0.42	0.405	91.5
7/20/2011 16:38	447	1290.9	10.748	11.16	10.26	1825.77	1872.35	143.26	134.6	23	22.9	3	4.5	3.7	0.048	0.048	5.017	5.052	0.417	0.391	91.7
7/20/2011 16:39	449.5	1287	10.726	11.22	10.26	1802.57	1869.3	138.75	130.5	21.8	21.9	3.2	4.3	3.8	0.046	0.045	4.981	5.021	0.404	0.39	91.9
7/20/2011 16:40	448.9	1298	10.733	11.19	10.26	1810.1	1880.49	137.68	129.8	23.5	23.5	3.4	4.4	3.8	0.049	0.049	5.011	5.079	0.401	0.377	92
7/20/2011 16:41	449.3	1312.4	10.779	11.32	10.25	1826.[illegible]	1908.97	140.14	131.7	23.9	24	3	4.3	3.7	0.05	0.05	5.037	5.063	0.409	0.384	91.9
7/20/2011 16:42	449.7	1325.2	10.783	11.43	10.29	1834.11	1934.2	1[illegible].57	134.9	25.4	25.2	3	4.4	3.7	0.053	0.053	5.06	5.002	0.416	0.392	91.3
7/20/2011 16:43	451.5	1330.6	10.717	11.44	10.35	1818.04	1936.85	145.96	137.8	26.5	26.4	3	4.5	3.7	0.055	0.055	5.059	5.069	0.421	0.398	91.7
7/20/2011 16:44	450.2	1326.6	10.7	11.3	10.34	1812.[illegible]	1908.37	145.15	136.7	26.1	26.1	3.2	4.6	3.9	0.054	0.054	5.049	5.061	0.419	0.395	91.7
7/20/2011 16:45	449.3	1313.1	10.699	11.3	10.3	1807.86	1903.69	142.24	134.2	24.8	24.9	3.1	4.4	3.8	0.052	0.052	5.025	5.049	0.412	0.388	91.8
7/20/2011 16:46	447.3	1300.5	10.658	11.41	10.27	1796.47	1919.98	139.99	131.7	22.9	22.9	3.5	4.3	3.9	0.048	0.048	5.035	5.037	0.407	0.383	91.9
7/20/2011 16:47	448.8	1301.3	10.658	11.49	10.26	1807.01	1954.95	140.52	132.4	23.1	23	3	4.3	3.7	0.048	0.048	5.084	5.06	0.409	0.385	92
7/20/2011 16:48	447.8	1[illegible]4.2	10.6[illegible]	11.55	10.31	1810.71	1929.93	142.13	133.9	24.3	24.2	3.3	4.2	3.7	0.051	0.05	5.08	5.091	0.412	0.389	91.[illegible]
7/20/2011 16:49	447.4	1265	10.67	11.[illegible]4	10.27	1811.52	1892.9	141.28	133.1	24.9	24.9	3.1	4.2	3.7	0.052	0.052	5.042	5.073	0.411	0.387	91.8
7/20/2011 16:50	450.2	1269.1	10.767	11.31	10.21	1816.2	1888.73	139.70	131.6	23.3	23.2	3.1	4.2	3.7	0.049	0.049	4.99	5.04	0.409	0.385	91.8
7/20/2011 16:51	447.6	1268.5	10.805	11.42	10.23	1823.53	1910.45	140.[illegible]	132.8	22.9	22.9	3.2	4.2	3.7	0.048	0.047	5.001	5.043	0.41	0.386	91.8
7/20/2011 16:52	448.8	1276.2	10.77	11.42	10.3	1824.54	1930.34	140.68	133.2	23.8	23.5	3.5	4.7	4	0.049	0.049	5.058	5.066	0.408	0.386	91.5
7/20/2011 16:53	447.8	1282.9	10.817	11.4	10.31	1830.24	1915.9	139.37	131.7	23.5	23.4	3.2	4.4	3.9	0.049	0.049	5.022	5.054	0.405	0.383	92
7/20/2011 16:54	449.7	1310	10.722	11.41	10.3	1820.48	1937.87	139.5	131.7	23.7	23.8	3.4	4.2	3.8	0.049	0.049	5.062	5.009	0.404	0.381	92
7/20/2011 16:55	447.7	1326.1	10.575	11.44	10.31	1791.18	1929.54	141.68	133.5	24.5	24.5	3.4	4.3	3.9	0.051	0.051	5.049	5.062	0.41	0.387	91.9
7/20/2011 16:56	448.6	1327.4	10.675	11.36	10.24	1801.76	1919.75	142.44	134.1	24.1	23.9	3.5	4.6	4.1	0.05	0.05	5.059	5.045	0.415	0.39	91.3
7/20/2011 16:57	449.2	1323.8	10.705	11.37	10.27	1817.43	1920.57	142.79	134.9	24.9	24.9	3.4	4.3	3.9	0.052	0.052	5.044	5.07	0.416	0.392	91.8
7/20/2011 16:58	449.4	1325.6	10.732	11.41	10.27	1823.73	1929.32	144.13	135.9	24.5	24.6	3.6	4.5	4	0.051	0.051	5.057	5.077	0.418	0.394	91.7
7/20/2011 16:59	450.2	1329.7	10.791	11.46	10.22	1836.36	1941.12	145.82	137.5	24.7	24.8	3.5	4.5	4	0.052	0.052	5.062	5.085	0.422	0.393	91.7
7/20/2011 17:00	450.2	1318.2	10.782	11.42	10.34	1838.75	1941.93	146.56	137.7	24.7	24.7	3.4	4.3	3.9	0.051	0.052	5.074	5.083	0.424	0.399	91.7
7/20/2011 17:01	450.1	1290.4	10.739	11.12	10.33	1822.92	1882.75	145.42	137	25.1	25	3.5	4.3	4	0.052	0.052	5.063	5.085	0.421	0.397	91.7
7/20/2011 17:02	449	1275.3	10.791	11.25	10.21	1810.66	1861.11	139.57	131.6	22.6	22.6	3.2	4.5	3.9	0.049	0.048	5.014	5.043	0.41	0.387	91.9
7/20/2011 17:03	448	1277.5	10.684	11.31	10.23	1804.81	1898.2	139.91	129.2	21.2	21.2	3.2	4.5	3.8	0.045	0.045	5.018	5.05	0.401	0.378	92.1
7/20/2011 17:04	447.6	1291.1	10.793	11.31	10.24	1816.81	1907.57	138.20	130.2	22.4	22.5	3.1	4.5	3.9	0.046	0.047	5.045	5.052	0.402	0.379	92
7/20/2011 17:05	447.5	1312.4	10.661	11.25	10.26	1803.79	1897.18	142.[illegible]	134.5	23.1	23.2	3.1	4.6	3.8	0.049	0.049	5.04	5.06	0.412	0.391	91.8
7/20/2011 17:06	450	1327.1	10.639	11.32	10.22	1798.51	1902.87	141.72	133.8	23.6	23.5	3.3	4.3	3.9	0.049	0.049	5.015	5.048	0.415	0.391	91.8
7/20/2011 17:07	450.3	1322.1	10.75	11.36	10.19	1820.27	1914.27	141.43	133.3	24.4	24.4	3.4	4.5	4	0.051	0.051	5.039	5.052	0.415	0.391	91.3
7/20/2011 17:08	449.5	1309.5	10.851	11.47	10.26	1842.24	1943.15	141.68	133.8	25.5	25.5	3.3	4.4	3.9	0.054	0.053	5.061	5.078	0.412	0.389	91.9
7/20/2011 17:09	450.4	1298.1	10.784	11.36	10.33	1831.26	1925.86	143.85	135.7	26.2	26.2	3.2	4.4	3.8	0.055	0.054	5.07	5.077	0.416	0.392	91.9
7/20/2011 17:10	449	1267.3	10.661	11.23	10.29	1807.66	1895.4	143.96	135.8	24.9	24.8	3.3	4.6	3.9	0.052	0.052	5.049	5.062	0.418	0.394	91.7
7/20/2011 17:11	447.9	1280.5	10.77	11.08	10.22	1813.97	1859.74	140.0	132.5	22.5	22.4	3.5	4.4	4	0.049	0.048	5.017	5.035	0.412	0.388	91.8
7/20/2011 17:12	448.7	1287.1	10.74	11.15	10.17	1816.81	1864.82	139.8	131.8	20.6	20.5	3.2	4.5	3.8	0.044	0.044	5	5.053	0.41	0.387	91.8
7/20/2011 17:13	449.1	1304.6	10.75	11.29	10.16	1851.9	1903.08	142.35	134.0	21.6	21.6	3.3	4.5	3.9	0.045	0.045	5.022	5.064	0.417	0.394	91.9
7/20/2011 17:14	450.3	1302	10.738	11.31	10.22	1830.6	1912.23	145.62	137.7	24.1	24.1	3.8	4.2	4	0.05	0.05	5.052	5.087	0.425	0.401	91.8
7/20/2011 17:15	449.5	1312.2	10.878	11.41	10.26	1858.52	1935.83	146.83	139	26.1	26.1	3.5	4.5	4.1	0.054	0.054	5.069	5.104	0.427	0.404	91.6
7/20/2011 17:16	449.2	1325.7	10.752	11.34	10.32	1877.56	1926.07	147.13	139.3	26.1	26	3.4	4.5	4	0.055	0.055	5.074	5.109	0.427	0.405	91.8
7/20/2011 17:17	449.9	1307.5	10.598	11.28	10.27	1706.07	1894.94	143.41	135.6	24.1	24	3.2	4.7	3.9	0.051	0.051	5.030	5.089	0.419	0.398	91.7
7/20/2011 17:18	449.3	1296.9	10.575	11.27	10.17	1770.83	1847.21	140.17	130.9	22.[illegible]	22.1	3.2	4.5	4	0.047	0.047	5.003	5.009	0.412	0.388	91.8
7/20/2011 17:19	449.1	1301.6	5.793	9.26	7.31	1193.65	995.03	92.96	87.0	10.6	10.4	3.5	4.4	3.9	0.031	0.031	47.479	8.554	0.37	0.348	90.6

Date Time	GEN1	FLOW1	CO2 duct1	CO2 duct2	CO2 stack	SO2 duct1	SO2 duct2	SO2 stack	SO2 (high)	NOX (low)	NOX (high)	Opacity duct1	Opacity duct2	Opacity stack	NOx rate(low)	NOx rate (high)	SO2 rate duct1	SO2 rate duct2	SO2 rate stack (low)	SO2 rate stack (high)	% SO2 red'n
7/20/2011 17:20	449.3	1221.9	0.839	0.88	0.23	226.03	204.26	11.36	10.6	0.3	0.2	3.4	4.7	3.9	0.024	0.021	45.705	39.42[illegible]	1.701	1.594	66.1
7/20/2011 17:21	443.3	1299.3	1.109	6.83	2.8	186.57	866.7	49.4	46.1	9.6	9.3	3.[illegible]	4.6	3.7	0.082	0.078	9.708	9.422	0.[illegible]	0.56	81.3
7/20/2011 17:22	450.1	1319.8	7.755	10.78	9.34	1112.06	1672.67	141.86	134.1	23.6	23.6	3	4.5	3.9	0.056	0.055	4.562	4.24	0.459	0.432	90.5
7/20/2011 17:23	450.4	1329.7	10.185	10.84	10.46	1736.66	1814.57	156.64	148.4	27.2	27.1	3.2	4.5	3.9	0.055	0.056	4.203	[illegible].804	0.449	0.426	91.6
7/20/2011 17:24	448.7	1314.3	10.693	10.8	10.44	1803.39	1304.4	152.35	143.0	26.7	26.6	3.4	4.3	3.8	0.056	0.055	4.998	5.036	0.438	0.413	91.8
7/20/2011 17:25	446.9	1300.4	10.898	10.72	10.31	1807.25	1795.45	145.11	137.1	24.5	24.5	3.3	4.6	4	0.052	0.052	5.001	5.053	0.423	0.393	91.6
7/20/2011 17:26	448.8	1304	10.762	10.76	10.2	1810.1	1790.89	141.46	133.6	20.2	20.2	3.3	4.6	4	0.044	0.044	4.982	5.02	0.415	0.[illegible]	91.7
7/20/2011 17:27	449.8	1321.2	10.352	10.8	10.18	1814.92	1805.83	141.78	134.1	20.2	20.2	3.4	4.3	4	0.042	0.042	4.995	5.016	0.416	0.393	91.7
7/20/2011 17:28	449.9	1340.2	10.807	10.96	10.17	1832.7	1828.41	143.58	135.8	23	23	3.7	4.6	4.1	0.047	0.047	4.984	5.071	0.421	0.398	91.6
7/20/2011 17:29	448	1343	11.021	10.97	10.2	1840.75	1852.42	144.6	137.2	24.1	24.1	3.5	4.4	3.9	0.05	0.05	5.048	5.104	0.423	0.401	91.7
7/20/2011 17:30	449.8	1315.2	10.957	10.93	10.3	1874.8	1825.97	146.37	138.1	25.1	25	3.6	4.5	4.1	0.053	0.052	5.038	5.111	0.420	0.401	91.6
7/20/2011 17:31	448.1	1290.5	10.869	10.96	10.23	1850.59	1823.21	141.67	133.8	23.3	23.2	3.1	4.7	4.1	0.049	0.049	4.982	5.078	0.416	0.392	91.8
7/20/2011 17:32	447.3	1281.5	10.932	10.84	10.24	1848.96	1813.97	139.85	132.7	21.2	21	3.2	4.8	4	0.045	0.045	4.940	5.051	0.408	0.387	91.9
7/20/2011 17:33	449.2	1282.8	10.904	10.94	10.21	1861.57	1821.29	140.8	132.1	19.5	19.4	3.5	4.5	4	0.041	0.041	4.972	5.069	0.409	0.387	91.9
7/20/2011 17:34	449.3	1297.2	10.98	11.04	10.23	1852.42	1849.57	139.81	132.4	21.1	21	3.1	4.4	3.8	0.044	0.044	5.009	5.048	0.41	0.388	91.9
7/20/2011 17:35	449	1307.1	11.002	11.14	10.27	1866.89	1873.17	138.63	131.8	24.2	24.1	2.9	4.7	3.9	0.049	0.049	5.01	5.079	0.404	0.382	92
7/20/2011 17:36	449.1	1299.5	11.067	11.18	10.33	1866.19	1895.58	139.97	132.4	25.3	25.2	3.2	4.8	4	0.053	0.053	5.044	5.093	0.405	0.393	92
7/20/2011 17:37	449.2	1289.1	10.94	11.03	10.37	1871.14	1860.96	142.15	134.9	24.9	24.8	3.2	4.4	3.8	0.052	0.052	5.041	5.109	0.408	0.397	91.9
7/20/2011 17:38	449.2	1293.7	10.373	11.05	10.28	1838.99	1845.9	140.49	132.9	23.[illegible]	23.9	3.1	4.3	3.8	0.05	0.05	4.992	5.058	0.409	0.387	91.9
7/20/2011 17:39	447.5	1303.2	10.864	10.95	10.24	1829.22	1824.34	137.27	129.6	23	22.8	3.2	4.2	3.8	0.048	0.048	4.973	5.031	0.402	0.38	92
7/20/2011 17:40	449.3	1302.5	10.932	10.98	10.2	1808.14	1824.95	136.34	129.7	22.5	22.4	3.5	4.2	4	0.047	0.047	4.983	5.019	0.398	0.377	92
7/20/2011 17:41	449.7	1304.7	10.934	11.09	10.21	1846.96	1843.46	134.15	130.3	23	22.9	3	4.4	3.8	0.048	0.048	4.983	5.053	0.400	0.39	91.9
7/20/2011 17:42	449.4	1315.7	10.98	11.21	10.25	1862.59	1875	139.05	131.4	25.8	23.9	3.1	4.3	3.8	0.05	0.05	4.994	5.069	0.406	0.383	91.9
7/20/2011 17:43	449.6	1321	10.979	11.09	10.31	1868.08	1870.73	140.23	132.2	25.5	25.4	3.1	4.6	3.9	0.053	0.053	5.051	5.084	0.406	0.383	92
7/20/2011 17:44	451.4	1320	11.044	11.01	10.32	1873.59	1840.96	139.85	131.8	25.3	25.2	3.4	4.7	4	0.054	0.053	5.015	5.069	0.406	0.382	92
7/20/2011 17:45	449.8	1319.9	10.908	11.05	10.28	1852.01	1841.02	138.04	130.6	23.5	23.5	3	4.4	3.8	0.05	0.05	4.984	5.073	0.402	0.38	92
7/20/2011 17:46	450	1322	10.948	10.99	10.23	1854.25	1842.24	138.6	130.8	22.7	22.7	2.9	4.5	3.8	0.046	0.043	5.009	5.081	0.403	0.38	92
7/20/2011 17:47	448.8	1324.2	10.895	10.94	10.23	1847.54	1817.22	140.71	133.2	22.1	21.9	3.2	4.6	3.9	0.047	0.047	5.01	5.067	0.41	0.388	91.9
7/20/2011 17:48	449.5	1324	10.670	10.82	10.15	1833.9	1796.67	139.59	132.1	20.9	20.9	3	4.3	3.7	0.045	0.044	4.966	5.046	0.413	0.39	91.3
7/20/2011 17:49	449.4	1319.6	10.96	10.98	10.1	1848.35	1823.32	136.56	129	21.4	21.2	3	4.7	3.8	0.045	0.045	4.959	5.039	0.404	0.382	91.9
7/20/2011 17:50	449	1323.7	11.08	11.16	10.18	1884.56	1876.63	137.53	130.1	22.4	22.[illegible]	3.[illegible]	4.6	3.9	0.047	0.046	5.023	5.082	0.404	0.381	92
7/20/2011 17:51	449.4	1328.1	11.117	10.95	10.34	1902.87	1849.37	142.36	134.2	25	25	2.8	4.7	3.8	0.051	0.051	5.046	5.114	0.41	0.387	91.9
7/20/2011 17:52	448.8	1309.9	11.010	10.39	10.28	1885.17	1835.12	142.87	134.9	25	24.9	3.1	[illegible]	4.1	0.052	0.052	4.999	5.113	0.415	0.392	91.8
7/20/2011 17:53	448.1	1286.9	10.94	10.84	10.24	1862.73	1810.51	140.06	132.7	25.7	23.8	3.2	4.5	[illegible]	0.051	0.051	4.984	5.088	0.41	0.3[illegible]	91.9
7/20/2011 17:54	449.6	1274.9	10.879	10.84	10.17	1835.12	1785.13	137.23	129.5	20.8	20.9	3	4.3	3.7	0.045	0.045	4.955	5.05	0.404	0.382	91.9
7/20/2011 17:55	448.6	1283.1	10.926	10.95	10.09	1841.43	1810.91	135.34	128.1	19.5	19.5	3.4	4.4	4	0.042	0.042	4.93	5.036	0.401	0.379	91.9
7/20/2011 17:56	450.4	1300.1	10.975	11.01	10.16	1856.08	1832.89	137.92	129.5	21.3	21.4	3.5	4.5	4	0.044	0.044	4.967	5.053	0.404	0.38	91.9
7/20/2011 17:57	450.3	1310.2	10.962	11.15	10.21	1860.35	1857.71	138.65	131.3	24.8	24.8	3.4	4.3	4.1	0.051	0.051	4.981	5.071	0.405	0.383	91.9
7/20/2011 17:58	449.8	1320.4	11.121	11.1	10.27	1890.67	1866.46	139.9	132	25.8	25.7	2.0	4.8	3.8	0.054	0.054	5.018	5.08	0.407	0.385	91.9
7/20/2011 17:59	449.4	1319.3	11.065	11.06	10.32	1883.95	1848.55	140.23	132.3	24.6	24.4	3.3	4.4	3.9	0.052	0.051	5.005	5.087	0.406	0.384	91.9
7/20/2011 18:00	449.1	1314	11.055	11.02	10.28	1885.59	1845.01	140.39	132.9	24.9	24.8	3.4	4.7	4.1	0.052	0.052	4.998	5.087	0.407	0.384	91.9
7/20/2011 18:01	449	1307.7	10.924	10.9	10.28	1861.37	1818.03	140.95	133.2	22.9	22.8	3.4	4.6	4	0.046	0.046	4.989	5.091	0.41	0.387	91.9
7/20/2011 18:02	450	1301.8	11.004	11	10.17	1863.81	1826.58	137.67	130.3	21.1	21.1	3.1	4.8	4	0.045	0.045	4.958	5.061	0.406	0.384	91.9
7/20/2011 18:03	449.1	1287.1	11.077	10.95	10.22	1866.4	1831.87	136.41	128.7	21.7	21.9	3.6	4.4	4	0.046	0.046	4.997	5.093	0.399	0.376	92.1
7/20/2011 18:04	449.2	1283.6	11.034	11	10.25	1884.10	1850.65	137.24	129.6	22.6	22.4	3.2	4.7	4	0.047	0.047	4.98	5.102	0.4	0.378	92.1
7/20/2011 18:05	450	1301.7	11.078	11.09	10.24	1883.14	1852.62	139.21	130.2	23.6	23.5	3.4	4.4	4	0.049	0.049	4.974	5.079	0.402	0.34	92
7/20/2011 18:06	449.3	1321.9	11.109	11.1	10.29	1901.65	1857.3	140.67	133.1	23.1	22.9	3.5	4.5	4	0.049	0.049	5.007	5.118	0.408	0.385	92
7/20/2011 18:07	449.3	1319.6	11.001	11.06	10.33	1881.92	1846.32	141.09	133.9	22.7	22.6	2.9	5	4	0.047	0.047	4.987	5.112	0.409	0.388	91.9
7/20/2011 18:08	449.8	1302.4	11.055	10.94	10.27	1891.07	1824.14	139.87	132.5	23	22.9	3.3	4.5	4	0.045	0.044	4.99	5.111	0.407	0.386	91.9
7/20/2011 18:09	449.6	1291.4	10.877	10.94	10.24	1850.23	1814.78	139.78	130.9	22.2	22.1	2.9	4.7	3.9	0.047	0.047	4.952	5.091	0.405	0.383	91.9
7/20/2011 18:10	449.4	1285.2	10.898	10.94	10.16	1842.45	1810.91	138.56	129	21.7	21.6	3.2	4.6	3.9	0.046	0.046	4.948	5.052	0.402	0.38	92
7/20/2011 18:11	448.7	1304.6	10.938	11.02	10.15	1857.3	1826.99	139.21	127.7	21.5	21.4	3	4.5	3.9	0.046	0.045	4.954	5.074	0.398	0.375	92.1
7/20/2011 18:12	451.6	1316.9	10.969	11.05	10.2	1871.13	1845.3	136.63	129.4	22.7	22.6	3.1	4.6	3.9	0.047	0.047	4.983	5.088	0.4	0.379	92.1
7/20/2011 18:13	449.4	1327.9	11.031	11.09	10.24	1900.45	1851.2	138.17	130.7	23.9	23.6	3.1	4.5	3.8	0.05	0.049	4.934	5.12	0.402	0.38	92.1
7/20/2011 18:14	450.3	1329	11.021	11.12	10.29	1896.97	1865.24	142.15	134.3	24.2	24.2	2.9	4.7	3.9	0.05	0.05	5.015	5.140	0.411	0.389	91.9
7/20/2011 18:15	450.2	1309.3	10.928	10.95	10.3	1871.95	1834.51	144.24	136.9	24.9	24.8	2.7	4.4	3.8	0.052	0.052	5.013	5.118	0.419	0.397	91.8
7/20/2011 18:16	448.9	1288.4	10.765	10.89	10.2	1871.14	1815.39	139.99	132.5	22.2	22.1	3.1	5	4	0.046	0.046	4.985	5.09	0.413	0.391	91.8
7/20/2011 18:17	448.2	1280.4	10.944	10.86	10.18	1864.82	1797.89	132.95	128.4	19.9	19.7	2.9	4.3	3.8	0.042	0.042	4.941	5.091	0.4	0.377	92.1
7/20/2011 18:18	447.2	1284.8	10.881	10.86	10.13	1862.99	1805.42	134.94	128.[illegible]	20.1	19.8	3.2	4.6	3.9	0.042	0.041	4.956	5.116	0.397	0.373	92.1
7/20/2011 18:19	448.3	1292.6	8.080	2.28	7.15	1345.62	836.86	95.16	80.8	10.[illegible]	10.6	3.1	4.5	3.9	0.032	0.031	38.959	10.717	0.367	0.365	92.3
7/20/2011 18:20	450.1	1291.7	0.614	0.76	0.24	304.77	213.62	13.14	12.6	0.4	0.4	3	4.0	3.8	0.031	0.02	33.011	40.849	2.035	1.976	72.6
7/20/2011 18:21	449.1	1285.4	1.149	8.66	2.95	197.96	804.65	48.65	46.5	10.8	10.7	2.9	4.6	3.8	0.037	0.088	3.53	5.72	0.585	0.55	62
7/20/2011 18:22	449.9	1280.5	7.511	10.38	9.49	1001.18	1550.09	139.74	132.4	23.2	23	3.2	4.5	3.9	0.056	0.050	4.426	3.936	0.444	0.42	89.8
7/20/2011 18:23	449.7	1271.9	10.618	10.62	10.33	1883.96	1725.40	152.24	144.7	21.8	21.6	3.1	4.6	3.9	0.046	0.046	4.855	4.736	0.443	0.421	91.7
7/20/2011 18:24	449.4	1282.3	10.807	10.69	10.35	1824.75	1760.66	147.19	139.3	21.1	21.1	2.8	4.6	3.7	0.044	0.044	4.921	5.045	0.427	0.405	92
7/20/2011 18:25	448.8	1281.8	10.783	10.77	10.32	1836.96	1789	143.12	135	22.3	22.2	2.7	4.6	3.7	0.046	0.046	4.91	5.09	0.416	0.392	91.7
7/20/2011 18:26	449.1	1271.6	10.867	10.8	10.3	1851.6	1782.94	139.07	131.8	22.7	22.7	3.2	4.6	3.9	0.047	0.047	4.925	5.091	0.406	0.384	91.9
7/20/2011 18:27	448.6	1273.7	10.982	10.76	10.3	1866.86	1775.72	137.08	129.5	22.3	22.2	3.3	4.6	4	0.047	0.046	4.943	5.126	0.398	0.376	92.1
7/20/2011 18:28	448.1	1271.3	10.897	10.78	10.26	1864.02	1776.12	138.4	131.3	22.2	22	3.5	4.3	4.1	0.046	0.046	4.918	5.112	0.402	0.381	92
7/20/2011 18:29	450.6	1276.9	10.892	10.84	10.25	1859.33	1785.07	139.35	132.1	21.5	21.5	3	4.7	3.8	0.045	0.045	4.925	5.101	0.406	0.386	91.9
7/20/2011 18:30	449.3	1284.3	10.941	10.85	10.24	1845.7	1793.82	139.81	131.4	22.2	22.2	3.2	4.6	4.1	0.046	0.046	4.929	5.087	0.405	0.384	91.9
7/20/2011 18:31	449.7	1284.4	10.92	10.9	10.22	1860.56	1804	139.07	132.1	22.1	22.2	3.3	4.7	4.1	0.047	0.047	4.94	5.091	0.398	0.377	92.1
7/20/2011 18:32	449.6	1278.3	10.932	10.85	10.25	1866.66	1791.79	139.86	132.7	22.7	22.5	3.3	4.6	4	0.047	0.047	4.94	5.102	0.397	0.376	92.1
7/20/2011 18:33	450	1279.7	10.922	10.98	10.25	1877.1	1806.23	138.52	129.5	22.8	22.7	3.5	4.8	4.2	0.049	0.048	4.92	5.095	0.397	0.377	92
7/20/2011 18:34	448.7	1291.6	10.906	10.95	10.26	1855.47	1802.37	138.36	131.4	24	23.9	3.2	4.9	4.1	0.05	0.05	4.923	5.093	0.402	0.382	92
7/20/2011 18:35	449.4	1303.1	10.95	11	10.25	1865.23	1809.06	137.78	130.9	23.9	23.7	3.3	4.8	4.1	0.05	0.05	4.906	5.09	0.402	0.382	92
7/20/2011 18:36	451.6	1309.[illegible]	10.964	10.98	10.28	1875.2	1808.47	139.34	132.4	24.2	24	3.3	4.4	4	0.05	0.05	4.936	5.111	0.405	0.[illegible]	91.9
7/20/2011 18:37	448.3	1307	11.003	10.95	10.29	1879.27	1793.72	139.88	132.7	23.6	23.5	3.2	4.9	4.2	0.049	0.049	4.917	5.103	0.406	0.385	91.9
7/20/2011 18:38	449.8	1290.4	10.963	10.88	10.3	1868.29	1792.2	138.14	130.7	23.2	23.1	3	4.7	3.9	0.049	0.048	4.921	5.092	0.402	0.381	92
7/20/2011 18:39	448.1	1289.5	10.823	10.86	10.26	1834.51	1774.7	135.87	128.5	22.1	21.9	3.2	4.5	3.9	0.047	0.046	4.883	5.080	0.397	0.374	92
7/20/2011 18:40	448.8	1288.3	10.926	10.93	10.18	1850.08	1791.99	133.36	126.2	21.8	21.[illegible]	3.2	4.5	3.9	0.046	0.045	4.895	5.081	0.394	0.371	92.1
7/20/2011 18:41	451	1290.1	10.917	10.88	10.23	1851.4	1781.42	134.42	127.5	23.3	23.1	3.2	4.7	3.9	0.049	0.049	4.839	5.087	0.392	0.372	92.1
7/20/2011 18:42	449.8	1315.4	10.903	10.91	10.21	1845.3	1776.12	136.84	129.9	23.2	23.1	3.2	4.5	3.9	0.049	0.048	4.869	5.057	0.398	0.378	92
7/20/2011 18:43	450.6	1319	10.969	11.03	10.21	1839.19	1800.94	133.88	131.7	24.2	24.2	3.3	4.3	3.5	0.051	0.05	4.87	5.058	0.406	0.386	91.9
7/20/2011 18:44	449.1	1307.9	11.019	11.11	10.23	1870.17	1825.76	139.13	132.4	24.6	24.5	3.1	4.6	3.9	0.051	0.051	4.913	5.079	0.407	0.387	91.9

Date Time	GEN1	FLOW1	CO2 duct1	CO2 duct2	CO2 stack	SO2 duct1	SO2 duct2	SO2 stack	SO2 (high)	NOX (low)	NOX (high)	Opacity duct1	Opacity duct2	Opacity stack	NOx rate(low)	NOx rate (high)	SO2 rate duct1	SO2 rate duct2	SO2 rate stack (low)	SO2 rate stack (high)	% SO2 red'n
7/20/2011 18:45	450.3	1298.8	11	11.11	10.34	1876.83	1832.39	140.16	133.9	25.5	25.3	3.2	4.4	3.8	0.053	0.053	4.925	5.089	0.405	0.384	91.9
7/20/2011 18:46	449.9	1287.5	10.929	11.06	10.34	1861.78	1822.52	140.26	133.1	25.2	25.3	2.9	4.6	3.8	0.052	0.053	4.926	5.09	0.406	0.385	91.9
7/20/2011 18:47	449	1287.0	10.726	10.91	10.3	1820.48	1780.57	139.22	132.1	24.3	24.3	3.1	4.6	3.9	0.051	0.051	4.902	5.071	0.4[illegible]	0.38[illegible]	91.9
7/20/2011 18:48	450.5	1275.4	10.811	11.07	10.15	1821.7	1804.4	135.96	128.9	21.8	21.8	3.2	4.4	4	0.047	0.047	4.868	5.065	0.402	0.38	91.9
7/20/2011 18:49	449.5	1270.1	10.903	11.07	10.22	1846.77	1819.46	135.12	127.8	22.1	22	3.1	4.4	3.9	0.046	0.046	4.916	5.080	0.305	0.375	92.1
7/20/2011 18:50	449.5	1278.9	10.877	10.87	10.27	1842.45	1775.71	137.97	130.6	22.7	22.6	3	4.6	3.9	0.048	0.047	4.892	5.082	0.401	0.379	92
7/20/2011 18:51	448.9	1286.6	10.945	10.92	10.19	1840.92	1731.41	137.6	130.7	21.4	21.3	3.3	4.5	3.9	0.045	0.045	4.83	5.072	0.403	0.393	91.9
7/20/2011 18:52	448.8	1295.8	10.786	10.73	10.18	1822.71	1749.27	137.25	130	21.8	21.6	2.8	4.7	3.8	0.046	0.046	4.884	5.06	0.403	0.392	91.9
7/20/2011 18:53	449.2	1297.9	10.862	10.88	10.09	1831.87	1749.98	135.77	128.7	21.5	21.4	3.5	4.7	4.1	0.046	0.046	4.819	5.070	0.402	0.332	91.8
7/20/2011 18:54	450.1	1302.6	10.93	10.76	10.15	1855.27	1731.01	136.7	129.8	21.6	21.6	3.4	4.7	4.1	0.046	0.046	4.95	5.072	0.402	0.392	91.9
7/20/2011 18:55	451.4	1325.6	10.894	11.01	10.2	1850.29	1793.33	138.14	130.9	23.2	23.1	3.4	4.3	3.9	0.049	0.049	4.872	5.075	0.404	0.383	91.9
7/20/2011 18:56	450.2	1341.7	10.907	10.34	10.23	1847.74	1790.16	139.98	132.9	24	24	2.9	4.0	3.7	0.051	0.05	4.895	5.082	0.407	0.397	91.8
7/20/2011 18:57	448.4	1341.7	10.843	10.96	10.22	1831.69	1778.36	140.3	133.2	23.3	23.2	3.2	4.6	3.0	0.049	0.049	4.856	5.05	0.411	0.39	91.7
7/20/2011 18:58	448.3	1325.6	10.883	11.05	10.18	1833.29	1786.27	137.24	130	23.1	23	3.5	4.4	3.9	0.049	0.049	4.86	5.033	0.405	0.394	91.8
7/20/2011 18:59	447.6	1312.9	10.752	10.85	10.24	1814.17	1770.43	135.05	127.7	23	22.9	3.3	4.5	3.9	0.049	0.049	4.868	5.041	0.395	0.374	92
7/20/2011 19:00	449	1299.3	10.741	10.79	10.13	1799.93	1737.26	136.05	126.2	21.2	21.1	3.6	4.6	4.1	0.045	0.045	4.819	5.063	0.393	0.372	92
7/20/2011 19:01	448.9	1295.9	10.774	10.96	10.07	1807.86	1766.56	138.64	126.4	20.8	20.6	3.1	4.4	3.8	0.044	0.041	4.811	5.019	0.396	0.374	91.9
7/20/2011 19:02	449.5	1311.5	11.009	11.03	10.18	1855.87	1795.04	137.35	130.1	22.6	22.7	3.1	4.5	3.8	0.048	0.047	4.865	5.037	0.404	0.392	91.9
7/20/2011 19:03	450.2	1320.2	11.052	11.09	10.26	1839.24	1817.62	141.85	134.8	24.5	24.3	3.7	4.4	4	0.051	0.05	4.893	5.108	0.411	0.39	91.8
7/20/2011 19:04	450.3	1301.5	10.799	10.9	10.23	1879.4	1765.25	145.51	138.1	26.9	26.9	3.4	4.5	4	0.056	0.055	4.916	5.089	0.419	0.398	91.8
7/20/2011 19:05	449.5	1278.9	10.831	10.85	10.19	1828.78	1760.71	141.82	134.3	23.3	23.3	3.7	4.7	4.1	0.052	0.052	4.872	5.04	0.418	0.396	91.8
7/20/2011 19:06	449.5	1284.9	10.936	10.78	10.16	1837.97	1741.33	138.85	129.8	21.2	21	3.4	4.3	3.8	0.045	0.045	4.821	5.026	0.405	0.384	91.8
7/20/2011 19:07	448	1295.0	10.844	10.9	10.16	1827.9	1757.06	135.08	128	20.5	20.5	3.2	4.4	3.8	0.043	0.043	4.812	5.020	0.399	0.378	91.9
7/20/2011 19:08	449.1	1289.4	10.807	10.72	10.13	1817.02	1723.02	134.33	127.7	20.5	20.5	3.6	4.4	4	0.043	0.043	4.802	5.024	0.398	0.377	91.9
7/20/2011 19:09	448.7	1288.2	10.71	10.67	10.06	1804.2	1745	133.03	125.8	21.7	21.6	3.2	4.6	3.8	0.045	0.046	4.797	5.034	0.395	0.374	92
7/20/2011 19:10	449.4	1290.6	10.945	10.91	10.07	1844.28	1768.59	136.01	129.4	24.2	24.2	3.3	4.1	3.8	0.051	0.051	4.842	5.035	0.403	0.391	91.8
7/20/2011 19:11	450.6	1302.6	10.954	10.88	10.19	1861.78	1768.9	142.54	135.8	25.1	25	3.5	4.3	3.9	0.053	0.053	4.851	5.079	0.417	0.396	91.6
7/20/2011 19:12	450.1	1301.9	10.752	10.93	10.2	1838.18	1763.71	142.59	135.7	24.7	24.5	3.3	4.2	3.8	0.052	0.052	4.822	5.09	0.418	0.398	91.5
7/20/2011 19:13	450.9	1299.2	10.917	10.99	10.18	1830.8	1774.7	134.26	131	22.5	22.4	3.1	4.5	3.7	0.048	0.047	4.818	5.036	0.407	0.395	91.7
7/20/2011 19:14	449.7	1297.9	10.933	10.85	10.22	1827.8	1776.33	138.49	129.2	22.5	22.3	3.2	4.3	3.8	0.047	0.047	4.75	5.041	0.4	0.378	91.9
7/20/2011 19:15	449.5	1292.6	10.847	10.86	10.19	1803.12	1754.98	135.66	128.5	23.4	23.3	3	4.6	3.8	0.049	0.049	4.835	5.022	0.397	0.376	91.9
7/20/2011 19:16	449.[illegible]	1277.1	10.827	10.92	10.14	1820.27	1764.12	136.55	128.4	22.7	22.6	3.6	4.2	3.9	0.048	0.049	4.82	5.024	0.399	0.373	91.0
7/20/2011 19:17	448.3	1244.9	10.745	10.8	10.16	1821.49	1742.35	138.09	128.9	22.3	22.2	3.4	4.5	4	0.047	0.047	4.924	5.042	0.399	0.378	91.0
7/20/2011 19:18	449.4	1232.4	10.795	10.68	10.07	1812.94	1720.99	136.77	128.1	21.5	21.4	3.6	4.2	3.9	0.046	0.046	4.904	5.018	0.405	0.23	91.9
7/20/2011 19:19	449.[illegible]	1252	6.077	3.21	6.93	1329.14	987.35	99.19	93.9	10.5	10.4	3.3	4.8	4	0.029	0.027	31.883	10.2	0.543	0.513	91.7
7/20/2011 19:20	450.8	1266.8	0.832	0.95	0.22	298.43	207.93	15.43	14.7	0.5	0.4	2.8	4.2	3.5	0.07	0.054	21.353	54.186	2.582	2.451	71.5
7/20/2011 19:21	451.8	1277.7	1.244	6.61	2.93	205.28	766.84	45.08	43.2	10.7	10.6	2.9	4.5	3.8	0.079	0.076	0.4	5.201	0.402	0.49	61.1
7/20/2011 19:22	450.5	1260.0	7.546	10.32	9.28	991.01	1513.47	135.07	123.2	23.9	23.3	3.5	4.1	3.9	0.056	0.056	4.353	3.384	0.43	0.403	90
7/20/2011 19:23	449.5	1278	10.268	10.45	10.27	1602.98	1650.19	146.65	139.7	23.8	23.8	3.2	4.2	3.7	0.05	0.049	4.71	4.663	0.427	0.405	91.4
7/20/2011 19:24	450.8	1285.7	10.55	10.61	10.16	1741.13	1687.62	141.09	133.5	21.7	21.6	3.4	4.3	3.9	0.046	0.046	4.758	4.931	0.415	0.392	91.7
7/20/2011 19:25	448.4	1300.5	10.645	10.71	10.19	1786.3	1716.31	141.7	134.2	21.4	21.3	3.4	4.1	3.9	0.045	0.045	4.785	5.014	0.416	0.393	91.5
7/20/2011 19:26	447.8	1306.8	10.532	10.6	10.2	1779.38	1705.93	141.02	133.9	20.6	20.5	3.2	4.2	3.8	0.05	0.049	4.31	5.024	0.413	0.393	91.6
7/20/2011 19:27	447.5	1297	10.637	10.67	10.1	1779.58	1704.71	137.33	130.2	23.4	23.3	3.5	4.3	3.9	0.05	0.05	4.734	4.999	0.407	0.396	91.7
7/20/2011 19:28	448	1298.2	10.776	10.94	10.09	1812.54	1742.55	136.88	129.3	24.2	24.2	3.9	4.6	4.2	0.052	0.052	4.794	5.026	0.405	0.384	91.8
7/20/2011 19:29	449.9	1304.2	11.016	10.81	10.19	1873.53	1752.12	139.6	132.7	25.1	25	3.6	4.1	3.9	0.053	0.053	4.845	5.082	0.409	0.389	91.9
7/20/2011 19:30	449.3	1301.2	10.951	10.67	10.28	1873.17	1763.6	144.29	137.1	25.9	25.8	3.2	4.1	3.7	0.054	0.054	4.848	5.111	0.419	0.399	91.6
7/20/2011 19:31	450	1287.9	10.846	10.09	10.21	1857.5	1724.45	142.54	135.5	24.7	24.7	3.2	4.5	3.8	0.052	0.052	4.821	5.117	0.419	0.398	91.6
7/20/2011 19:32	449.8	1287.8	10.783	10.71	10.16	1822.92	1719.76	139.15	132.1	21.5	21.4	3.2	4.2	3.6	0.045	0.046	4.795	5.051	0.409	0.393	91.7
7/20/2011 19:33	450.5	1295.2	10.77	10.75	10.14	1820.88	1726.28	135.84	128.5	19.6	19.7	3.7	4.1	3.9	0.042	0.041	4.9	5.046	0.401	0.37	91.9
7/20/2011 19:34	449.5	1298.6	10.706	10.92	10.16	1805.01	1731.95	134.28	127	20.9	20.7	3.2	4.4	3.8	0.044	0.044	4.761	5.038	0.395	0.374	92
7/20/2011 19:35	448.1	1296.3	10.799	10.8	10.13	1819.25	1739.4	134.71	126	21.2	21	3.3	4.2	3.8	0.045	0.045	4.797	5.034	0.398	0.377	91.9
7/20/2011 19:36	447.6	1297.7	10.812	10.81	10.16	1824.05	1721.42	136.48	128.2	23.4	23.4	3.2	4.3	3.9	0.05	0.05	4.798	5.033	0.401	0.38	91.8
7/20/2011 19:37	448.7	1295.8	10.868	10.85	10.17	1836.75	1745.2	136.92	129.9	24.7	24.6	3.6	4.7	4.1	0.052	0.052	4.807	5.05	0.403	0.382	91.9
7/20/2011 19:38	449.8	1281.7	10.829	10.76	10.19	1832.89	1728.31	139.07	132.1	25.4	25.3	3.5	4.8	4	0.053	0.054	4.799	5.057	0.409	0.387	91.7
7/20/2011 19:39	449	1273.5	10.853	10.84	10.17	1828.82	1732.73	140.84	133.5	20.7	23.4	3.4	4.3	3.9	0.05	0.049	4.78	5.025	0.413	0.392	91.6
7/20/2011 19:40	449	1279.6	10.851	10.91	10.18	1836.55	1760.56	139.83	132.5	22.9	22.8	3.4	4.4	3.8	0.048	0.048	4.81	5.054	0.411	0.39	91.7
7/20/2011 19:41	451.6	1281.4	10.806	10.77	10.24	1828	1734.52	139.04	132	23.8	23.7	3.2	4.2	4	0.05	0.05	4.824	5.056	0.408	0.396	91.8
7/20/2011 19:42	450.9	1276.3	10.877	10.85	10.16	1830.49	1738.89	135.94	128.9	22.5	22.4	3.2	4.4	3.7	0.048	0.048	4.797	5.038	0.401	0.38	91.8
7/20/2011 19:43	447.5	1294.1	10.92	10.93	10.2	1847.13	1749.27	136.13	129.2	22.4	22.4	3.2	4.7	3.9	0.047	0.047	4.812	5.052	0.398	0.378	91.9
7/20/2011 19:44	450.3	1284.4	10.837	10.77	10.23	1838.78	1732.55	137.84	130.7	22.9	22.8	3.2	4.2	3.8	0.048	0.048	4.815	5.064	0.402	0.382	91.8
7/20/2011 19:45	448.7	1278.7	10.881	10.87	10.15	1803.58	1738.89	136.84	129.6	22.2	22.1	3.5	4.3	4	0.047	0.047	4.776	5.049	0.402	0.381	91.8
7/20/2011 19:46	448.8	1290.1	10.835	10.88	10.21	1837.16	1750.40	138.92	132.1	22.5	22.4	3.4	4.4	3.7	0.047	0.047	4.313	5.068	0.406	0.386	91.6
7/20/2011 19:47	449.7	1308.2	10.896	10.81	10.21	1850.59	1754.56	141.6	134	23.6	23.5	3.5	4.6	4.1	0.049	0.049	4.845	5.069	0.413	0.391	91.7
7/20/2011 19:48	448.2	1301	10.774	10.78	10.22	1836.75	1735.84	140.37	136.6	24.1	24.1	3.6	4.4	3.9	0.051	0.051	4.811	5.090	0.419	0.399	91.5
7/20/2011 19:49	447.7	1285.1	10.697	10.76	10.15	1811.32	1726.89	141.74	134.5	23.1	22.9	3.5	4.3	4.2	0.049	0.049	4.902	5.063	0.418	0.396	91.5
7/20/2011 19:50	447.2	1280.1	10.862	10.82	10.11	1818.24	1732.18	139.51	132.7	23.3	23.2	3.4	4.7	4.2	0.049	0.049	4.774	5.023	0.414	0.393	91.6
7/20/2011 19:51	448.5	1285.3	10.681	10.74	10.15	1809.29	1725.46	139	131.9	23.3	23.1	3.6	4.4	4	0.05	0.049	4.8	5.058	0.409	0.388	91.7
7/20/2011 19:52	450.7	1281.7	10.733	10.85	10.09	1836.01	1736.71	139.94	133.1	23.1	22.9	3.4	4.5	4	0.049	0.049	4.79	5.031	0.413	0.393	91.6
7/20/2011 19:53	451.5	1277.4	10.906	11.02	10.13	1847.30	1778.56	142.94	135.9	23.4	23.3	3.3	4.3	3.8	0.049	0.049	4.817	5.054	0.421	0.399	91.5
7/20/2011 19:54	449.9	1280.5	10.877	10.9	10.26	1857.5	1783.45	146.43	139.5	25.8	25.6	3.4	4.6	4	0.053	0.053	4.899	5.093	0.426	0.405	91.5
7/20/2011 19:55	449.4	1294.6	10.75	10.68	10.25	1829.02	1723.02	145.43	137.9	24.9	24.3	3.2	4.2	3.7	0.053	0.053	4.837	5.091	0.420	0.403	91.4
7/20/2011 19:56	449	1280.3	10.639	10.75	10.1	1803.30	1720.53	139.95	132.9	22.6	22.6	3.4	4.5	3.9	0.049	0.049	4.777	5.044	0.417	0.396	91.5
7/20/2011 19:57	449.2	1281.4	10.773	10.77	10.07	1814.78	1727.7	137.57	130.3	21.4	21.3	3.4	4.3	4.1	0.046	0.046	4.791	5.029	0.409	0.387	91.7
7/20/2011 19:58	448	1299.8	10.676	10.72	10.11	1806.68	1714.39	136.58	131.6	21.7	21.7	3.7	4.6	4.2	0.046	0.046	4.773	5.061	0.409	0.387	91.7
7/20/2011 19:59	448.8	1315.2	10.662	10.83	10.05	1799.02	1735.2	138.72	131.8	22.2	22	3.2	4.4	3.7	0.047	0.047	4.784	5.049	0.412	0.392	91.6
7/20/2011 20:00	449.3	1341.9	10.7	10.69	10.06	1797.89	1741.94	140.48	133.2	23.2	23	3.6	4.6	4	0.049	0.049	4.777	5.026	0.417	0.396	91.5