



EASTERN KENTUCKY UNIVERSITY

Serving Kentuckians Since 1906

David Williams
Office of Financial Services
and Administrative Affairs
Director, Facilities Services
www.facilities.eku.edu

CPO 6A1
521 Lancaster Avenue
Richmond, Kentucky 40475-3102
(859) 622-2966
FAX: (859) 622-2325

July 30, 2014

Ms. Connie Coy, Regional Manager
Kentucky Division for Air Quality
200 Fair Oaks Lane, 1st Floor
Frankfort, Kentucky 40601

RE: Semi-Annual Monitoring Compliance Certification
January through June, 2014
Eastern Kentucky University, Source ID No. 21-151-00007
Permit No. V-03-025 Revision 2

Dear Ms. Coy,

As required by this facility's current air permit, we are submitting a semi-annual monitoring report certified by a responsible official. Attached please find supporting documentation to satisfy all reporting requirements of our Title V permit. My signature on this letter is my certification as warden of this facility.

We have indicated on the Semi-Annual Summary Report the data that has been maintained to meet permit requirements and have also provided much of it in the form of additional summary sheet attachments. The actual daily log sheets are archived in both hardcopy at our heat plant and as softcopy on a shared drive maintained by ECU Information Technology and can be made available upon request.

Please contact myself or Bill Rhodes, the Assistant Director of Environmental Resources and Energy Management, if you have any questions.

Sincerely,

A handwritten signature in blue ink, appearing to read "D Williams".

David Williams
Director, ECU Facilities Services

cc: Barry Poynter
Bill Rhodes

Vice President of Financial Affairs & Administration
Assistant Director of Environmental Resources & Energy Management
bill.rhodes@eku.edu 859 622-4104



Enclosures: Semi-Annual Summary Report for 2014; January - June
Heat Plant Steam Output for 2014; January - June
Monthly Output charts by days and weeks for 2014; January - April
Baghouse Differential Pressure 3 Hour Rolling Average for 2014; January - April
Fuel Usage with HCl and HAP's calculations for 2014; Jan-Jun (including 12 month rolling coal usage)
Coal Deliveries and Analyses for 2014 1st and 2nd Quarters SO₂ and Particulate calculations
Paint Shop Spray Booth Log for 2014; January - June



**EKU COMPLIANCE SEMI-ANNUAL SUMMARY REPORT
JANUARY Through JUNE 2014**



TITLE V AIR PERMIT No. V-03-025 Revision 1 (Source ID No. 21-151-00007)

TITLE V PERMIT MONITORING REQUIREMENT										
Monitor sulfur content and heat content in coal delivered	Deliveries to Heat Plant	Coal Boilers Rate of fuel use / Hours of operation				Gas Boiler No. 3 Rate of fuel use / Hours of operation	Daily visual emissions with Method 9 if VE>0	Baghouse pressure drop 2.0 - 6.0 inches H ₂ O	Paint spray booth hours of operation, coating type	Location of Monitor Records
VERIFICATION METHOD										
Day Month Year	X = Delivery to Coal Facility; with analysis NA = no delivery	X = Coal moved from Coal Facility to Heat Plant NA = no delivery	Boiler No. 1 X = boiler in use NA = boiler not running	Boiler No. 2 X = boiler in use NA = boiler not running	Boiler No. 4 X = boiler in use NA = boiler not running	Boiler No. 3 X = boiler in use NA = boiler not running	X = VE is 0 9 = Method 9 conducted NA = not running	Value = Daily Average Differential Pressure in inches H ₂ O NA = not running	X = paint booth hours and coating use monitored NA = not operating	H = Heat Plant Emissions Inventory notebook N = Shared "N" Drive maintained by EKU IT
DAILY LOG										
1/1/14	NA	X	NA	NA	X	X	9	3.26	NA	N
1/2/14	NA	X	NA	NA	X	X	X	3.26	NA	N
1/3/14	NA	X	NA	NA	X	X	X	3.18	NA	N
1/4/14	NA	X	NA	NA	X	X	X	3.27	NA	N
1/5/14	NA	X	NA	NA	X	X	X	3.26	NA	N
1/6/14	NA	X	NA	NA	X	X	X	3.34	NA	N
1/7/14	NA	X	NA	NA	X	X	X	2.87	NA	N
1/8/14	NA	X	NA	NA	X	X	9	3.00	NA	N
1/9/14	NA	X	NA	NA	X	X	X	3.10	NA	N
1/10/14	NA	X	NA	NA	X	X	X	3.10	NA	N
1/11/14	NA	X	NA	NA	X	X	X	3.02	NA	N
1/12/14	NA	NA	NA	NA	X	X	X	3.12	NA	N
1/13/14	NA	X	NA	NA	X	X	X	3.22	NA	N
1/14/14	NA	X	NA	NA	X	X	X	3.03	NA	N
1/15/14	NA	X	NA	NA	X	X	9	3.19	NA	N
1/16/14	NA	X	NA	NA	X	X	X	3.02	NA	N
1/17/14	NA	X	NA	NA	X	X	X	3.06	NA	N
1/18/14	NA	X	NA	NA	X	X	X	3.06	NA	N
1/19/14	NA	X	NA	NA	X	X	X	3.06	NA	N
1/20/14	NA	X	NA	NA	X	X	X	2.85	NA	N
1/21/14	NA	X	NA	NA	X	X	X	3.22	NA	N
1/22/14	NA	X	NA	NA	X	X	9	3.15	NA	N
1/23/14	NA	X	NA	NA	X	X	X	2.95	NA	N
1/24/14	NA	X	NA	NA	X	X	X	2.92	NA	N
1/25/14	NA	X	NA	NA	X	X	X	3.03	NA	N
1/26/14	NA	X	NA	NA	X	X	X	3.04	NA	N
1/27/14	NA	X	NA	NA	X	X	X	3.08	NA	N
1/28/14	NA	X	NA	NA	X	X	X	3.17	NA	N
1/29/14	NA	X	NA	NA	X	X	9	3.05	NA	N
1/30/14	X	X	NA	NA	X	X	X	3.10	NA	N
1/31/14	NA	X	NA	NA	X	X	X	3.08	NA	N
2/1/14	NA	X	NA	NA	X	X	X	2.94	NA	N
2/2/14	NA	NA	NA	NA	X	X	X	3.08	NA	N
2/3/14	X	X	NA	NA	X	X	X	3.40	NA	N
2/4/14	NA	X	NA	NA	X	X	X	3.15	NA	N
2/5/14	NA	X	NA	NA	X	X	9	3.24	NA	N
2/6/14	X	X	NA	NA	X	X	X	3.04	NA	N
2/7/14	X	X	NA	NA	X	X	X	3.13	NA	N
2/8/14	NA	X	NA	NA	X	X	X	3.09	NA	N
2/9/14	NA	NA	NA	NA	X	X	X	3.12	NA	N
2/10/14	NA	X	NA	NA	X	X	X	3.09	NA	N
2/11/14	NA	X	NA	NA	X	X	X	3.06	NA	N
2/12/14	NA	X	NA	NA	X	X	9	3.04	NA	N
2/13/14	X	X	NA	NA	X	X	X	2.99	NA	N
2/14/14	NA	X	NA	NA	X	X	X	3.15	NA	N
2/15/14	NA	X	NA	NA	X	X	9	3.24	NA	N
2/16/14	NA	NA	NA	NA	X	X	X	3.19	NA	N
2/17/14	NA	X	NA	NA	X	X	X	3.10	NA	N
2/18/14	X	X	NA	NA	X	X	X	3.18	NA	N

Day Month Year	X = Delivery to Coal Facility; with analysis NA = no delivery	X = Coal moved from Coal Facility to Heat Plant NA = no delivery	Boiler No. 1 X = boiler in use NA = boiler not running	Boiler No. 2 X = boiler in use NA = boiler not running	Boiler No. 4 X = boiler in use NA = boiler not running	Boiler No. 3 X = boiler in use NA = boiler not running	X = VE is 0 9 = Method 9 conducted NA = not running	Value = Daily Average Differential Pressure in inches H ₂ O NA = not running	X = paint booth hours and coating use monitored NA = not operating	H = Heat Plant Emissions Inventory notebook N = Shared "N" Drive main- tained by EKU IT
	DAILY LOG									
2/19/14	NA	X	NA	NA	X	X	9	2.98	NA	N
2/20/14	X	X	NA	NA	X	NA	X	3.26	NA	N
2/21/14	NA	X	NA	NA	X	NA	X	3.26	NA	N
2/22/14	NA	X	NA	NA	X	NA	X	3.15	NA	N
2/23/14	NA	NA	NA	NA	X	NA	X	3.07	NA	N
2/24/14	NA	X	NA	NA	X	X	X	3.01	NA	N
2/25/14	NA	X	NA	NA	X	X	X	3.02	NA	N
2/26/14	NA	X	NA	NA	X	X	9	3.12	NA	N
2/27/14	NA	X	NA	NA	X	X	X	3.18	NA	N
2/28/14	NA	X	NA	NA	X	X	X	3.03	NA	N
3/1/14	NA	X	NA	NA	X	X	X	3.04	NA	N
3/2/14	NA	X	NA	NA	X	X	X	3.02	NA	N
3/3/14	NA	X	NA	NA	X	X	X	3.17	NA	N
3/4/14	NA	X	NA	NA	X	X	X	3.13	NA	N
3/5/14	X	X	NA	NA	X	X	9	3.27	NA	N
3/6/14	NA	X	NA	NA	X	X	X	3.08	NA	N
3/7/14	NA	X	NA	NA	X	X	X	3.06	NA	N
3/8/14	NA	X	NA	NA	X	NA	X	2.94	NA	N
3/9/14	NA	NA	NA	NA	X	NA	X	3.02	NA	N
3/10/14	NA	X	NA	NA	X	NA	X	3.19	NA	N
3/11/14	NA	X	NA	NA	X	NA	X	2.79	NA	N
3/12/14	X	X	NA	NA	X	NA	9	3.09	NA	N
3/13/14	X	X	NA	NA	X	NA	X	3.27	NA	N
3/14/14	NA	X	NA	NA	X	NA	X	3.23	NA	N
3/15/14	NA	X	NA	NA	X	NA	X	3.23	NA	N
3/16/14	NA	NA	NA	NA	X	X	X	3.14	NA	N
3/17/14	NA	X	NA	NA	X	X	X	3.45	NA	N
3/18/14	NA	X	NA	NA	X	X	X	3.41	NA	N
3/19/14	NA	X	NA	NA	X	X	9	3.11	NA	N
3/20/14	NA	X	NA	NA	X	X	X	3.16	NA	N
3/21/14	NA	X	NA	NA	X	X	X	3.20	NA	N
3/22/14	NA	X	NA	NA	X	NA	X	3.17	NA	N
3/23/14	NA	NA	NA	NA	X	X	X	3.16	NA	N
3/24/14	NA	X	NA	NA	X	X	X	2.93	NA	N
3/25/14	NA	X	NA	NA	X	X	X	3.12	NA	N
3/26/14	NA	X	NA	NA	X	X	9	3.12	NA	N
3/27/14	NA	X	NA	NA	X	X	X	3.12	NA	N
3/28/14	NA	X	NA	NA	X	X	X	3.03	NA	N
3/29/14	NA	X	NA	NA	X	X	X	3.19	NA	N
3/30/14	NA	NA	NA	NA	X	X	X	3.03	NA	N
3/31/14	NA	X	NA	NA	X	X	X	3.02	NA	N
4/1/14	NA	X	NA	NA	X	X	X	3.01	NA	N
4/2/14	NA	X	NA	NA	X	NA	9	2.95	NA	N
4/3/14	NA	X	NA	NA	X	NA	X	2.95	NA	N
4/4/14	NA	X	NA	NA	X	NA	X	3.08	NA	N
4/5/14	NA	NA	NA	NA	X	NA	X	3.28	NA	N
4/6/14	NA	NA	NA	NA	X	NA	X	2.89	NA	N
4/7/14	NA	NA	NA	NA	X	X	X	3.31	NA	N
4/8/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
4/9/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
4/10/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
4/11/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
4/12/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
4/13/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
4/14/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
4/15/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
4/16/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
4/17/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
4/18/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
4/19/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
4/20/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
4/21/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
4/22/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
4/23/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
4/24/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N

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	DAILY LOG									
4/25/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
4/26/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
4/27/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
4/28/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
4/29/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
4/30/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
5/1/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
5/2/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
5/3/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
5/4/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
5/5/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
5/6/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
5/7/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
5/8/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
5/9/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
5/10/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
5/11/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
5/12/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
5/13/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
5/14/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
5/15/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
5/16/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
5/17/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
5/18/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
5/19/14	X	NA	NA	NA	NA	X	NA	0.00	NA	N
5/20/14	X	NA	NA	NA	NA	X	NA	0.00	NA	N
5/21/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
5/22/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
5/23/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
5/24/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
5/25/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
5/26/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
5/27/14	X	NA	NA	NA	NA	X	NA	0.00	NA	N
5/28/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
5/29/14	X	NA	NA	NA	NA	X	NA	0.00	NA	N
5/30/14	X	NA	NA	NA	NA	X	NA	0.00	NA	N
5/31/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
6/1/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
6/2/14	X	NA	NA	NA	NA	X	NA	0.00	NA	N
6/3/14	X	NA	NA	NA	NA	X	NA	0.00	NA	N
6/4/14	X	NA	NA	NA	NA	X	NA	0.00	NA	N
6/5/14	X	NA	NA	NA	NA	X	NA	0.00	NA	N
6/6/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
6/7/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
6/8/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
6/9/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
6/10/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
6/11/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
6/12/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
6/13/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
6/14/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
6/15/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
6/16/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
6/17/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
6/18/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
6/19/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
6/20/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
6/21/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
6/22/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
6/23/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
6/24/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
6/25/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
6/26/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
6/27/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
6/28/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N

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	DAILY LOG									
6/29/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N
6/30/14	NA	NA	NA	NA	NA	X	NA	0.00	NA	N

Heat Plant Steam Output Jan - Jun 2014



Monthly Totals, with Fuel & Water Usages

Month	Gas (Mcf)	Coal (Tons)	Ash (Tons)	Make-Up H ₂ O (Kgal)	Condensate Return (Cgal)	Percent Condensate Return	Boiler #1 Output (KLbs)	Boiler #2 Output (KLbs)	Boiler #3 Output (KLbs)	Boiler #4 Output (KLbs)	Total Steam (KLbs)	Steam Per Day (KLbs)	Steam Per Hour (KLbs)	
January	5,262	1,312	216	3,656	1,996	5%	0	0	13,902	29,381	43,283	1,396	58	
February	3,410	1,202	132	3,033	769	2%	0	0	9,431	20,336	29,767	1,063	44	
March	1,824	1,031	28	2,829	1,446	5%	0	0	9,326	22,334	31,660	1,021	43	
April	2,920	138	5	1,262	424	3%	0	0	7,797	5,360	13,157	439	18	
May	0	0	0	0	0	0%	0	0	0	0	0	0	0	
June	0	0	0	0	0	0%	0	0	0	0	0	0	0	
Year Totals	13,416	3,682	381	10,780	4,635	4%	0	0	40,456	77,411	117,867			
Percent Ash: 10.3%							Load Share		0.0%	0.0%	34.3%	65.7%	100%	

Jan - Jun Coal per truck load, Lbs: 11,024

Prorated Coal Usage

Month	Percent of Coal-Fired Steam			Boiler #1 Tons Burned	Boiler #2 Tons Burned	Boiler #4 Tons Burned	Total Tons Burned
	Boiler #1	Boiler #2	Boiler #4				
Jan	0.0%	0.0%	100.0%	0	0	1,312	1,312
Feb	0.0%	0.0%	100.0%	0	0	1,202	1,202
Mar	0.0%	0.0%	100.0%	0	0	1,031	1,031
Apr	0.0%	0.0%	100.0%	0	0	138	138
May	0.0%	0.0%	0.0%	0	0	0	0
Jun	0.0%	0.0%	0.0%	0	0	0	0
Total	0.0%	0.0%	100.0%	0	0	3,682	3,682

Weekly Steam Output with Fuel & Water Usage January 2014

First Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas	City Water Cu Ft	City Water Kgal	Make-up Water Kgal	Cndnsate Return Cgal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons	Mcf					
						0.0				0				#DIV/0!
						0.0				0				#DIV/0!
						0.0				0				#DIV/0!
1-Jan			412	7,029	5.0	27.6	4.0	24.0	200	79	1	100	102	9%
2-Jan			232	733	6.0	33.1	0.0	0.0	107	89	1	111	126	10%
3-Jan			477	861	10.0	55.1	0.0	0.0	193	98	1	133	162	11%
4-Jan			473	818	7.0	38.6	0.0	0.0	158	92	1	109	116	10%
Weekly Totals	0	0	1594	9441	28.0	154.3	4.0	24.0	658	358	3	453	506	10%
Steam Output				Daily Averages										
Week Total: 11,035 KLbs				Coal: 38.6 Tons				Make-up Water: 113.3 Kgal						
Daily Avg: 2759 KLbs				Ash: 6.0 Tons				Condensate Return: 127 Cgal						
Hourly Avg: 114.95 KLbs				Gas: 164.5 Mcf				City Water: 0.7 Kgal						

Second Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas	City Water Cu Ft	City Water Kgal	Make-up Water Kgal	Cndnsate Return Cgal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons	Mcf					
5-Jan			403	629	7.0	38.6	0.0	0.0	119	82	1	97	86	8%
6-Jan			463	768	8.0	44.1	0.0	0.0	241	137	1	163	75	4%
7-Jan			609	937	11.0	60.6	1.0	6.0	199	101	1	93	40	4%
8-Jan			467	887	8.0	44.1	0.0	0.0	178	109	1	122	10	1%
9-Jan			405	712	8.0	44.1	0.0	0.0	131	169	1	103	22	2%
10-Jan			313	564	5.0	27.6	3.0	18.0	95	30	0	82	43	5%
11-Jan			263	524	4.0	22.0	8.0	48.0	99	82	1	92	77	8%
Weekly Totals	0	0	2923	5021	51.0	281.1	12.0	72.0	1,062	710	5	752	353	4%
Steam Output				Daily Averages										
Week Total: 7,944 KLbs				Coal: 40.2 Tons				Make-up Water: 107.4 Kgal						
Daily Avg: 1135 KLbs				Ash: 10.3 Tons				Condensate Return: 50 Cgal						
Hourly Avg: 47.29 KLbs				Gas: 151.7 Mcf				City Water: 101 Kgal						

Third Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas	City Water Cu Ft	City Water Kgal	Make-up Water Kgal	Cndnsate Return Cgal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons	Mcf					
12-Jan			378	740	0.0	0.0	0.0	0.0	124	76	1	101	91	8%
13-Jan			309	690	14.0	77.2	1.0	6.0	108	74	1	105	88	8%
14-Jan			319	765	8.0	44.1	5.0	30.0	106	98	1	108	96	8%
15-Jan			385	760	6.0	33.1	0.0	0.0	173	86	1	122	123	9%
16-Jan			560	823	9.0	49.6	0.0	0.0	191	92	1	126	105	8%
17-Jan			490	700	8.0	44.1	0.0	0.0	197	98	1	130	40	3%
18-Jan			561	778	7.0	38.6	0.0	0.0	201	94	1	126	34	3%
Weekly Totals	0	0	3002	5256	52.0	286.6	6.0	36.0	1,100	618	5	818	577	7%
Steam Output				Daily Averages										
Week Total: 8,258 KLbs				Coal: 40.9 Tons				Make-up Water: 116.9 Kgal						
Daily Avg: 1180 KLbs				Ash: 5.1 Tons				Condensate Return: 82 Cgal						
Hourly Avg: 49.15 KLbs				Gas: 157.1 Mcf				City Water: 88 Kgal						

Fourth Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas	City Water Cu Ft	City Water Kgal	Make-up Water Kgal	Cndnsate Return Cgal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons	Mcf					
19-Jan			491	659	5.0	27.6	0.0	0.0	152	83	1	111	35	3%
20-Jan			436	667	7.0	38.6	4.0	24.0	147	91	1	107	37	3%
21-Jan			437	633	6.0	33.1	0.0	0.0	180	96	1	125	40	3%
22-Jan			516	840	10.0	55.1	0.0	0.0	202	101	1	130	51	4%
23-Jan			488	755	8.0	44.1	0.0	0.0	210	97	1	132	45	3%
24-Jan			535	846	9.0	49.6	0.0	0.0	237	114	1	137	47	3%
25-Jan			517	751	9.0	49.6	6.0	36.0	184	112	1	122	47	4%
Weekly Totals	0	0	3420	5151	54.0	297.6	10.0	60.0	1,312	694	5	864	302	3%
Steam Output				Daily Averages										
Week Total: 8,571 KLbs				Coal: 42.5 Tons				Make-up Water: 123.4 Kgal						
Daily Avg: 1224 KLbs				Ash: 8.6 Tons				Condensate Return: 43 Cgal						
Hourly Avg: 51.02 KLbs				Gas: 187.4 Mcf				City Water: 99 Kgal						

Fifth Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas	City Water Cu Ft	City Water Kgal	Make-up Water Kgal	Cndnsate Return Cgal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons	Mcf					
26-Jan			511	682	8.0	44.1	0.0	0.0	154	99	1	106	37	3%
27-Jan			355	644	5.0	27.6	1.0	6.0	175	94	1	125	44	3%
28-Jan			550	820	13.0	71.7	0.0	0.0	237	125	1	149	46	3%
29-Jan			554	872	10.0	55.1	0.0	0.0	227	127	1	145	45	3%
30-Jan			547	803	10.0	55.1	0.0	0.0	184	108	1	129	43	3%
31-Jan			446	691	7.0	38.6	3.0	18.0	153	101	1	115	43	4%
Weekly Totals	0	0	2963	4512	53.0	292.1	4.0	24.0	1,130	654	5	769	258	3%
Steam Output				Daily Averages										
Week Total: 7,475 KLbs				Coal: 48.7 Tons				Make-up Water: 128.2 Kgal						
Daily Avg: 1246 KLbs				Ash: 4.0 Tons				Condensate Return: 43 Cgal						
Hourly Avg: 51.91 KLbs				Gas: 188.3 Mcf				City Water: 109 Kgal						

Sixth Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas	City Water Cu Ft	City Water Kgal	Make-up Water Kgal	Cndnsate Return Cgal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons	Mcf					
						0.0					0			#DIV/0!
						0.0					0			#DIV/0!
						0.0					0			#DIV/0!
						0.0					0			#DIV/0!
						0.0					0			#DIV/0!
						0.0					0			#DIV/0!
						0.0					0			#DIV/0!
Weekly Totals	0	0	0	0	0.0	0.0	0.0	0.0	0	0	0	0	0	#DIV/0!
Steam Output				Daily Averages										
Week Total: 0 KLbs				Coal: #DIV/0! Tons				Make-up Water: #DIV/0! Kgal						
Daily Avg: #DIV/0! KLbs				Ash: #DIV/0! Tons				Condensate Return: #DIV/0! Cgal						
Hourly Avg: #DIV/0! KLbs				Gas: #DIV/0! Mcf				City Water: #DIV/0! Kgal						

Weekly Steam Output with Fuel & Water Usage February 2014

First Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas	City Water Cu Ft	City Water Kgal	Make-up Water Kgal	Cndnsate Return Cgal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons	Mcf					
						0.0				0				#DIV/0!
						0.0				0				#DIV/0!
						0.0				0				#DIV/0!
						0.0				0				#DIV/0!
						0.0				0				#DIV/0!
1-Feb			413	662	8.0	44.1	5.0	30.0	123	94	1	95	29	3%
Weekly Totals	0	0	413	662	8.0	44.1	5.0	30.0	123	94	1	95	29	3%
Steam Output				Daily Averages										
Week Total: 1,075 KLbs				Coal: 44.1 Tons				Make-up Water: 95.0 Kgal						
Daily Avg: 1075 KLbs				Ash: 30.0 Tons				Condensate Return: 29 Cgal						
Hourly Avg: 44.79 KLbs				Gas: 123.0 Mcf				City Water: 0.7 Kgal						

Second Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas	City Water Cu Ft	City Water Kgal	Make-up Water Kgal	Cndnsate Return Cgal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons	Mcf					
2-Feb			371	537	0.0	0.0	0.0	0.0	153	87	1	111	33	3%
3-Feb			573	903	17.0	93.7	0.0	0.0	251	74	1	174	68	4%
4-Feb			582	1,038	11.0	60.6	0.0	0.0	162	62	0	131	29	2%
5-Feb			482	835	8.0	44.1	0.0	0.0	169	119	1	140	51	4%
6-Feb			429	896	9.0	49.6	0.0	0.0	198	134	1	137	20	1%
7-Feb			543	746	9.0	49.6	0.0	0.0	208	118	1	132	25	2%
8-Feb			547	728	8.0	44.1	5.0	30.0	187	85	1	118	28	2%
Weekly Totals	0	0	3527	5683	62.0	341.7	5.0	30.0	1,328	679	5	943	254	3%
Steam Output				Daily Averages										
Week Total: 9,210 KLbs				Coal: 48.8 Tons				Make-up Water: 134.7 Kgal						
Daily Avg: 1316 KLbs				Ash: 4.3 Tons				Condensate Return: 36 Cgal						
Hourly Avg: 54.82 KLbs				Gas: 189.7 Mcf				City Water: 97 Kgal						

Third Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas	City Water Cu Ft	City Water Kgal	Make-up Water Kgal	Cndnsate Return Cgal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons	Mcf					
9-Feb			450	667	0.0	0.0	0.0	0.0	152	68	1	109	31	3%
10-Feb			431	759	16.0	88.2	0.0	0.0	161	100	1	121	22	2%
11-Feb			466	829	10.0	55.1	0.0	0.0	186	104	1	127	21	2%
12-Feb			498	785	10.0	55.1	0.0	0.0	159	100	1	126	28	2%
13-Feb			368	765	8.0	44.1	0.0	0.0	128	91	1	104	28	3%
14-Feb			317	685	7.0	38.6	5.0	30.0	102	63	0	98	26	3%
15-Feb			323	696	6.0	33.1	0.0	0.0	151	100	1	112	22	2%
Weekly Totals	0	0	2853	5186	57.0	314.2	5.0	30.0	1,039	626	5	797	178	2%
Steam Output				Daily Averages										
Week Total: 8,039 KLbs				Coal: 44.9 Tons				Make-up Water: 113.9 Kgal						
Daily Avg: 1148 KLbs				Ash: 4.3 Tons				Condensate Return: 25 Cgal						
Hourly Avg: 47.85 KLbs				Gas: 148.4 Mcf				City Water: 89 Kgal						

Fourth Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas	City Water Cu Ft	City Water Kgal	Make-up Water Kgal	Cndnsate Return Cgal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons	Mcf					
16-Feb			425	713	0.0	0.0	0.0	0.0	133	103	1	110	19	2%
17-Feb			400	703	16.0	88.2	0.0	0.0	114	62	0	107	21	2%
18-Feb			237	687	7.0	38.6	0.0	0.0	73	65	0	89	19	2%
19-Feb			114	572	7.0	38.6	4.0	24.0	2	61	0	71	88	11%
20-Feb			0	632	7.0	38.6	0.0	0.0	0	39	0	61	17	3%
21-Feb			0	614	3.0	16.5	0.0	0.0	0	75	1	82	16	2%
22-Feb			0	747	8.0	44.1	3.0	18.0	0	65	0	77	18	2%
Weekly Totals	0	0	1176	4668	48.0	264.6	7.0	42.0	322	470	4	597	198	3%
Steam Output				Daily Averages										
Week Total: 5,844 KLbs				Coal: 37.8 Tons				Make-up Water: 85.3 Kgal						
Daily Avg: 835 KLbs				Ash: 6.0 Tons				Condensate Return: 28 Cgal						
Hourly Avg: 34.79 KLbs				Gas: 46.0 Mcf				City Water: 67 Kgal						

Fifth Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas	City Water Cu Ft	City Water Kgal	Make-up Water Kgal	Cndnsate Return Cgal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons	Mcf					
23-Feb			0	654	0.0	0.0	0.0	0.0	14	64	0	80	17	2%
24-Feb			155	694	16.0	88.2	0.0	0.0	99	78	1	99	13	1%
25-Feb			271	646	6.0	33.1	0.0	0.0	79	82	1	93	15	2%
26-Feb			274	686	7.0	38.6	0.0	0.0	131	77	1	108	22	2%
27-Feb			385	721	7.0	38.6	0.0	0.0	139	91	1	115	24	2%
28-Feb			377	736	7.0	38.6	0.0	0.0	136	79	1	106	19	2%
						0.0					0			#DIV/0!
Weekly Totals	0	0	1462	4137	43.0	237.0	0.0	0.0	598	471	4	601	110	2%
Steam Output				Daily Averages										
Week Total: 5,599 KLbs				Coal: 39.5 Tons				Make-up Water: 100.2 Kgal						
Daily Avg: 933 KLbs				Ash: 0.0 Tons				Condensate Return: 18 Cgal						
Hourly Avg: 38.88 KLbs				Gas: 99.7 Mcf				City Water: 79 Kgal						

Sixth Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas	City Water Cu Ft	City Water Kgal	Make-up Water Kgal	Cndnsate Return Cgal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons	Mcf					
						0.0					0			#DIV/0!
						0.0					0			#DIV/0!
						0.0					0			#DIV/0!
						0.0					0			#DIV/0!
						0.0					0			#DIV/0!
						0.0					0			#DIV/0!
						0.0					0			#DIV/0!
Weekly Totals	0	0	0	0	0.0	0.0	0.0	0.0	0	0	0	0	0	#DIV/0!
Steam Output				Daily Averages										
Week Total: 0 KLbs				Coal: #DIV/0! Tons				Make-up Water: #DIV/0! Kgal						
Daily Avg: #DIV/0! KLbs				Ash: #DIV/0! Tons				Condensate Return: #DIV/0! Cgal						
Hourly Avg: #DIV/0! KLbs				Gas: #DIV/0! Mcf				City Water: #DIV/0! Kgal						

Weekly Steam Output with Fuel & Water Usage March 2014

First Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas	City Water Cu Ft	City Water Kgal	Make-up Water Kgal	Cndnsate Return Cgal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons	Mcf					
1-Mar			281	579	7.0	38.6	5.0	30.0	41	63	0	78	19	2%
2-Mar			303	645	0.0	0.0	0.0	0.0	65	65	0	92	31	3%
3-Mar			347	749	12.0	66.1	0.0	0.0	162	85	1	121	33	3%
4-Mar			487	751	10.0	55.1	0.0	0.0	144	85	1	118	25	2%
5-Mar			267	793	8.0	44.1	1.0	6.0	92	80	1	111	27	2%
6-Mar			282	749	7.0	38.6	0.0	0.0	113	81	1	102	25	2%
7-Mar			310	616	6.0	33.1	0.0	0.0	65	80	1	84	20	2%
Weekly Totals	0	0	2277	4882	50.0	275.6	6.0	36.0	682	539	4	706	180	2%
Steam Output				Daily Averages										
Week Total: 7,159 KLbs				Coal: 39.4 Tons				Make-up Water: 100.9 Kgal						
Daily Avg: 1023 KLbs				Ash: 5.1 Tons				Condensate Return: 26 Cgal						
Hourly Avg: 42.61 KLbs				Gas: 97.4 Mcf				City Water: 0.6 Kgal						

Second Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas	City Water Cu Ft	City Water Kgal	Make-up Water Kgal	Cndnsate Return Cgal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons	Mcf					
8-Mar			526	672	5.0	27.6	5.0	30.0	0	58	0	75	22	3%
9-Mar			0	711	0.0	0.0	0.0	0.0	0	62	0	76	16	2%
10-Mar			0	726	8.0	44.1	0.0	0.0	0	64	0	69	16	2%
11-Mar			0	376	9.0	49.6	0.0	0.0	0	35	0	33	3	1%
12-Mar			0	537	2.0	11.0	0.0	0.0	46	65	0	87	16	2%
13-Mar			320	748	8.0	44.1	0.0	0.0	106	79	1	108	38	3%
14-Mar			236	716	7.0	38.6	0.0	0.0	52	81	1	85	31	4%
Weekly Totals	0	0	1082	4486	39.0	215.0	5.0	30.0	204	444	3	533	142	3%
Steam Output				Daily Averages										
Week Total: 5,568 KLbs				Coal: 30.7 Tons				Make-up Water: 76.1 Kgal						
Daily Avg: 795 KLbs				Ash: 4.3 Tons				Condensate Return: 20 Cgal						
Hourly Avg: 33.14 KLbs				Gas: 29.1 Mcf				City Water: 63 Kgal						

Third Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas	City Water Cu Ft	City Water Kgal	Make-up Water Kgal	Cndnsate Return Cgal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons	Mcf					
15-Mar			308	712	4.0	22.0	5.0	30.0	0	60	0	78	24	3%
16-Mar			376	732	0.0	0.0	0.0	0.0	76	85	1	96	31	3%
17-Mar			327	738	11.0	60.6	0.0	0.0	110	104	1	111	11	1%
18-Mar			211	771	9.0	49.6	0.0	0.0	39	91	1	92	23	2%
19-Mar			131	770	7.0	38.6	0.0	0.0	0	84	1	84	21	2%
20-Mar			744	772	6.0	33.1	2.0	12.0	34	84	1	89	22	2%
21-Mar			290	770	5.0	27.6	0.0	0.0	0	87	1	80	44	5%
Weekly Totals	0	0	2387	5265	42.0	231.5	7.0	42.0	259	595	4	630	176	3%
Steam Output				Daily Averages										
Week Total: 7,652 KLbs				Coal: 33.1 Tons				Make-up Water: 90.0 Kgal						
Daily Avg: 1093 KLbs				Ash: 6.0 Tons				Condensate Return: 25 Cgal						
Hourly Avg: 45.55 KLbs				Gas: 37.0 Mcf				City Water: 85 Kgal						

Fourth Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas	City Water Cu Ft	City Water Kgal	Make-up Water Kgal	Cndnsate Return Cgal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons	Mcf					
22-Mar			0	740	7.0	38.6	5.0	30.0	3	76	1	80	81	9%
23-Mar			103	754	0.0	0.0	0.0	0.0	71	88	1	92	108	11%
24-Mar			270	811	15.0	82.7	0.0	0.0	100	94	1	106	138	12%
25-Mar			299	804	0.0	0.0	0.0	0.0	123	122	1	116	104	8%
26-Mar			404	856	8.0	44.1	0.0	0.0	128	114	1	119	135	10%
27-Mar			313	796	7.0	38.6	0.0	0.0	86	112	1	97	96	9%
28-Mar			194	626	6.0	33.1	0.0	0.0	32	79	1	76	38	5%
Weekly Totals	0	0	1583	5387	43.0	237.0	5.0	30.0	543	685	5	686	700	9%
Steam Output				Daily Averages										
Week Total: 6,970 KLbs				Coal: 33.9 Tons				Make-up Water: 98.0 Kgal						
Daily Avg: 996 KLbs				Ash: 4.3 Tons				Condensate Return: 100 Cgal						
Hourly Avg: 41.49 KLbs				Gas: 77.6 Mcf				City Water: 98 Kgal						

Fifth Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas	City Water Cu Ft	City Water Kgal	Make-up Water Kgal	Cndnsate Return Cgal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons	Mcf					
29-Mar			796	718	5.0	27.6	5.0	30.0	45	111	1	91	73	7%
30-Mar			307	757	0.0	0.0	0.0	0.0	71	98	1	97	100	9%
31-Mar			894	839	8.0	44.1	0.0	0.0	20	86	1	86	75	8%
														#DIV/0!
														#DIV/0!
														#DIV/0!
														#DIV/0!
Weekly Totals	0	0	1997	2314	13.0	71.7	5.0	30.0	136	295	2	274	248	8%
Steam Output				Daily Averages										
Week Total: 4,311 KLbs				Coal: 23.9 Tons				Make-up Water: 91.3 Kgal						
Daily Avg: 1437 KLbs				Ash: 10.0 Tons				Condensate Return: 83 Cgal						
Hourly Avg: 59.88 KLbs				Gas: 45.3 Mcf				City Water: 98 Kgal						

Sixth Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas	City Water Cu Ft	City Water Kgal	Make-up Water Kgal	Cndnsate Return Cgal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons	Mcf					
														#DIV/0!
														#DIV/0!
														#DIV/0!
														#DIV/0!
														#DIV/0!
														#DIV/0!
														#DIV/0!
														#DIV/0!
Weekly Totals	0	0	0	0	0.0	0.0	0.0	0.0	0	0	0	0	0	#DIV/0!
Steam Output				Daily Averages										
Week Total: 0 KLbs				Coal: #DIV/0! Tons				Make-up Water: #DIV/0! Kgal						
Daily Avg: #DIV/0! KLbs				Ash: #DIV/0! Tons				Condensate Return: #DIV/0! Cgal						
Hourly Avg: #DIV/0! KLbs				Gas: #DIV/0! Mcf				City Water: #DIV/0! Kgal						

Weekly Steam Output with Fuel & Water Usage April 2014

First Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas	City Water	City Water	Make-up Water	Cndnsate Return	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons	Mcf	Cu Ft	Kgal	Kgal	Cgal	
						0.0					0			#DIV/0!
						0.0					0			#DIV/0!
1-Apr			0	694	14.0	77.2	0.0	0.0	0	74	1	68	38	5%
2-Apr			0	567	4.0	22.0	0.0	0.0	0	76	1	62	22	3%
3-Apr			0	539	4.0	22.0	0.0	0.0	0	70	1	58	9	2%
4-Apr			0	553	3.0	16.5	0.0	0.0	0	74	1	67	24	3%
5-Apr			0	740	0.0	0.0	5.0	30.0	0	90	1	79	75	9%
Weekly Totals	0	0	0	3093	25.0	137.8	5.0	30.0	0	384	3	334	168	5%
Steam Output				Daily Averages										
Week Total: 3,093 KLbs				Coal: 27.6 Tons				Make-up Water: 66.8 Kgal						
Daily Avg: 619 KLbs				Ash: 6.0 Tons				Condensate Return: 34 Cgal						
Hourly Avg: 25.78 KLbs				Gas: 0.0 Mcf				City Water: 0.6 Kgal						

Second Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas	City Water	City Water	Make-up Water	Cndnsate Return	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons	Mcf	Cu Ft	Kgal	Kgal	Cgal	
6-Apr			0	793	0.0	0.0	0.0	0.0	0	72	1	73	61	8%
7-Apr			329	596	0.0	0.0	0.0	0.0	83	82	1	67	29	4%
8-Apr			873	878	0.0	0.0	0.0	0.0	181	53	0	49	18	4%
9-Apr			644	0	0.0	0.0	0.0	0.0	275	74	1	76	13	2%
10-Apr			616	0	0.0	0.0	0.0	0.0	100	29	0	29	0	0%
11-Apr			538	0	0.0	0.0	0.0	0.0	166	48	0	47	12	2%
12-Apr			517	0	0.0	0.0	0.0	0.0	162	42	0	46	9	2%
Weekly Totals	0	0	3517	2267	0.0	0.0	0.0	0.0	967	400	3	387	142	4%
Steam Output				Daily Averages										
Week Total: 5,784 KLbs				Coal: 0.0 Tons				Make-up Water: 55.3 Kgal						
Daily Avg: 826 KLbs				Ash: 0.0 Tons				Condensate Return: 20 Cgal						
Hourly Avg: 34.43 KLbs				Gas: 138.1 Mcf				City Water: 57 Kgal						

Third Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas	City Water	City Water	Make-up Water	Cndnsate Return	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons	Mcf	Cu Ft	Kgal	Kgal	Cgal	
13-Apr			491	0	0.0	0.0	0.0	0.0	156	41	0	44	9	2%
14-Apr			498	0	0.0	0.0	0.0	0.0	159	41	0	44	9	2%
15-Apr			614	0	0.0	0.0	0.0	0.0	226	58	0	60	12	2%
16-Apr			869	0	0.0	0.0	0.0	0.0	232	60	0	62	23	4%
17-Apr			764	0	0.0	0.0	0.0	0.0	207	51	0	57	2	0%
18-Apr			0	0	0.0	0.0	0.0	0.0	189	44	0	53	10	2%
19-Apr			0	0	0.0	0.0	0.0	0.0	185	15	0	52	10	2%
Weekly Totals	0	0	3236	0	0.0	0.0	0.0	0.0	1,354	310	2	372	75	2%
Steam Output				Daily Averages										
Week Total: 3,236 KLbs				Coal: 0.0 Tons				Make-up Water: 53.1 Kgal						
Daily Avg: 462 KLbs				Ash: 0.0 Tons				Condensate Return: 11 Cgal						
Hourly Avg: 19.26 KLbs				Gas: 193.4 Mcf				City Water: 44 Kgal						

Fourth Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas	City Water	City Water	Make-up Water	Cndnsate Return	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons	Mcf	Cu Ft	Kgal	Kgal	Cgal	
20-Apr			0	0	0.0	0.0	0.0	0.0	168	8	0	48	9	2%
21-Apr			527	0	0.0	0.0	0.0	0.0	172	32	0	49	9	2%
22-Apr			517	0	0.0	0.0	0.0	0.0	156	22	0	43	9	2%
23-Apr		Shut Down	0	0	0.0	0.0	0.0	0.0	103	9	0	29	12	4%
24-Apr					0.0	0.0	0.0	0.0			0			#DIV/0!
25-Apr					0.0	0.0	0.0	0.0			0			#DIV/0!
26-Apr					0.0	0.0	0.0	0.0			0			#DIV/0!
Weekly Totals	0	0	1044	0	0.0	0.0	0.0	0.0	599	71	1	169	39	2%
Steam Output				Daily Averages										
Week Total: 1,044 KLbs				Coal: 0.0 Tons				Make-up Water: 24.1 Kgal						
Daily Avg: 149 KLbs				Ash: 0.0 Tons				Condensate Return: 6 Cgal						
Hourly Avg: 6.21 KLbs				Gas: 149.8 Mcf				City Water: 10 Kgal						

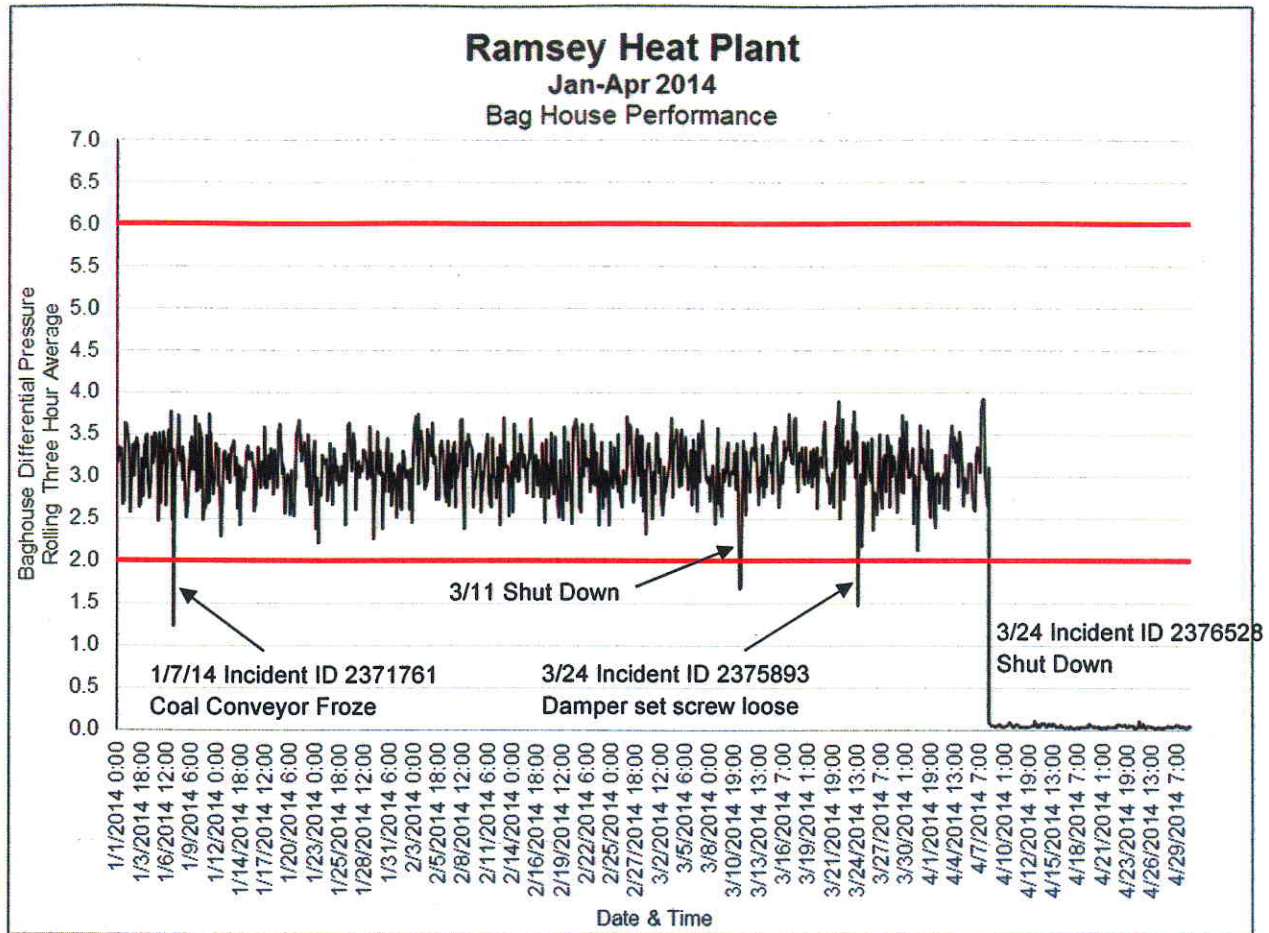
Fifth Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas	City Water	City Water	Make-up Water	Cndnsate Return	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons	Mcf	Cu Ft	Kgal	Kgal	Cgal	
27-Apr					0.0	0.0	0.0	0.0			0			#DIV/0!
28-Apr					0.0	0.0	0.0	0.0			0			#DIV/0!
29-Apr					0.0	0.0	0.0	0.0			0			#DIV/0!
30-Apr					0.0	0.0	0.0	0.0			0			#DIV/0!
					0.0	0.0	0.0	0.0			0			#DIV/0!
					0.0	0.0	0.0	0.0			0			#DIV/0!
Weekly Totals	0	0	0	0	0.0	0.0	0.0	0.0	0	0	0	0	0	#DIV/0!
Steam Output				Daily Averages										
Week Total: 0 KLbs				Coal: #DIV/0! Tons				Make-up Water: 0.0 Kgal						
Daily Avg: 0 KLbs				Ash: #DIV/0! Tons				Condensate Return: 0 Cgal						
Hourly Avg: 0.00 KLbs				Gas: #DIV/0! Mcf				City Water: 0 Kgal						

Sixth Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas	City Water	City Water	Make-up Water	Cndnsate Return	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons	Mcf	Cu Ft	Kgal	Kgal	Cgal	
					0.0	0.0	0.0	0.0			0			#DIV/0!
					0.0	0.0	0.0	0.0			0			#DIV/0!
					0.0	0.0	0.0	0.0			0			#DIV/0!
					0.0	0.0	0.0	0.0			0			#DIV/0!
					0.0	0.0	0.0	0.0			0			#DIV/0!
					0.0	0.0	0.0	0.0			0			#DIV/0!
					0.0	0.0	0.0	0.0			0			#DIV/0!
Weekly Totals	0	0	0	0	0.0	0.0	0.0	0.0	0	0	0	0	0	#DIV/0!
Steam Output				Daily Averages										
Week Total: 0 KLbs				Coal: #DIV/0! Tons				Make-up Water: #DIV/0! Kgal						
Daily Avg: #DIV/0! KLbs				Ash: #DIV/0! Tons				Condensate Return: #DIV/0! Cgal						
Hourly Avg: #DIV/0! KLbs				Gas: #DIV/0! Mcf				City Water: #DIV/0! Kgal						

Bag House Differential Pressure 3 Hour Rolling Average



Fuel Usage and Source Emissions



Month	Coal Used (Tons)	Coal 12 Month Rolling Total (Tons)	HCl (Tons)	HCl 12 Month Rolling Total (Tons)	Heat Plant Natural Gas (MMSCF)	Other Nat Gas Used (MMSCF)	Diesel Burned (1000 Gal)	Paint Sprayed (Gal)	HAPs ₁ (Lbs)	HAPs ₂ (Lbs)	HAPs ₃ (Lbs)	HAPs ₄ (Lbs)	HAPs ₅ (Lbs)	Total HAPs (Tons)	HAPs 12 Month Rolling Total (Tons)	
Title V Limits:		15,000		9.0											22.5	
2013	January	1,412	6,765	0.24	1.15	1,569	9,429	1.26	0.50	706	20.8	0.67	0.47	500	0.61	4.82
	February	1,401	6,754	0.24	1.15	0,000	5,340	1.02	1.50	700	10.1	0.54	1.40	500	0.61	4.82
	March	1,204	7,086	0.20	1.20	1,622	9,419	0.78	0.00	602	20.9	0.41	0.00	500	0.56	4.91
	April	383	6,784	0.07	1.15	2,122	8,500	0.81	2.00	191	20.1	0.43	1.86	500	0.36	4.84
	May	0	6,784	0.00	1.15	0,000	8,039	1.00	0.00	0	15.2	0.53	0.00	500	0.26	4.83
	June	0	6,784	0.00	1.15	0,000	6,672	0.77	0.00	0	12.6	0.41	0.00	500	0.26	4.83
	July	0	6,784	0.00	1.15	0,000	6,791	0.81	0.00	0	12.8	0.43	0.00	500	0.26	4.82
	August	0	6,784	0.00	1.15	0,000	8,177	1.13	0.00	0	15.5	0.60	0.00	500	0.26	4.82
	September	0	6,784	0.00	1.15	0,000	9,265	1.00	0.00	0	17.5	0.53	0.00	500	0.26	4.82
	October	380	7,046	0.06	1.20	2,649	14,391	0.96	0.00	190	32.2	0.51	0.00	500	0.36	4.88
	November	1,202	7,106	0.20	1.21	0,793	6,572	1.47	0.00	601	13.9	0.78	0.00	500	0.56	4.89
	December	1,091	7,072	0.19	1.20	3,702	13,400	0.81	0.00	546	32.3	0.43	0.00	500	0.54	4.88
2014	January	1,312	6,972	0.22	1.19	5,262	19,031	1.22	0.00	656	45.9	0.65	0.00	500	0.60	4.87
	February	1,202	6,774	0.20	1.15	3,410	22,780	1.19	0.00	601	49.5	0.63	0.00	500	0.58	4.84
	March	1,031	6,601	0.18	1.12	1,824	15,746	1.55	0.00	516	33.2	0.82	0.00	500	0.52	4.80
	April	138	6,356	0.02	1.08	2,920	13,777	1.23	0.00	69	31.6	0.65	0.00	500	0.30	4.75
	May	0	6,356	0.00	1.08	0,000	7,048	0.72	0.00	0	13.3	0.38	0.00	500	0.26	4.75
	June	0	6,356	0.00	1.08	0,000	5,367	1.44	0.00	0	10.1	0.76	0.00	500	0.26	4.75

2014 - 1st Qtr

EKU Data

SHIP DATE	TICKET NO.	TRUCK NO.	WEIGHT		ANALYSIS								
			NET LBS	NET TONS	REPORT WEEK	MOISTURE < 5%	ASH < 8.0 %	SULFUR < 0.8%	BTU/LB > 13,500	REPRTD SO ₂	DAYS (7 MAX)	REPRTD TONS	TONS (500 MAX)
1/30/14	159606	14	86,680	43.34	1/26-1/31	3.57	6.22	0.65	13,667	0.96	1	43.34	43.34
1/30/14				0.00									
2/7/14	Quarterly mercury analysis					3.04	5.65	0.65	13,857	0.94			
2/3/14	159668		60,080	30.04	2/3-2/7	3.88	6.18	0.65	13,604	0.96	4	73.43	73.43
2/6/14	159608		86,780	43.39									
2/13/14	159607	15	86,540	43.27	2/9-2/15	3.99	6.01	0.66	13,642	0.94	1	43.27	43.27
2/13/14				0.00									
2/18/14	160065		86,560	43.28	2/16-2/22	3.94	6.24	0.67	13,570	0.99	3	86.41	86.41
2/20/14	159655	14	86,260	43.13									
3/5/14	160067	15	85,540	42.77	3/1-3/8	3.90	5.85	0.65	13,669	0.96	1	42.77	42.77
3/5/14				0.00									
3/12/14	160095	<i>15 by truck # 146#</i>	86,540	43.27	3/9-3/15	3.86	5.83	0.64	13,616	0.94	2	86.71	86.71
3/13/14	160094	14	86,880	43.44									

1st Quarter Weighted Averages: 3.87 6.06 0.65 13,618 1st Quarter Total Tonnage: 375.93

Ticket Receipt on file	Heating Value (MMBtu/Ton)	SO ₂ (lb/MMBtu) (<5.98)	Particulate (lb/MMBtu) (<0.35)	Mercury (lb/MMBtu) (<2.2E-05)	Inventory (Tons)
X	27.33	0.90	0.031		8,509
					8,509
	27.71			3.6E-06	
X	27.21	0.91	0.031		8,539
X					8,583
X	27.28	0.92	0.031		8,626
					8,626
X	27.14	0.94	0.031		8,669
X					8,712
X	27.34	0.90	0.031		8,755
					8,755
X	27.23	0.89	0.031		8,798
X					8,842

Chlorine (%)	Mercury (PPM)
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0.20%	0.05
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1st Qtr burn (Tons) 3,544

Adjustment (Tons) 0

1st Qtr final inventory (Tons) 5,298

2014 - 2nd Qtr

SHIP DATE	TICKET NO.	TRUCK NO.	WEIGHT		ANALYSIS								
			NET LBS	NET TONS	REPORT WEEK	MOISTURE < 5%	ASH < 8.0 %	SULFUR < 0.8%	BTU/LB > 13,500	REPRTD SO ₂	DAYS (7 MAX)	REPRTD TONS	TONS (500 MAX)
5/7/14	Quarterly mercury analysis					2.46	6.53	0.65	13,755				
5/19/14	160607	19	88,500	44.25	5/18-5/24	3.88	5.90	0.69	13,631	1.02	2	132.19	88.15
5/20/14	160606	19	87,800	43.90									
5/27/14	160605	19	88,600	44.30	5/26-5/31	3.92	6.36	0.67	13,547	0.99	4	132.99	177.03
5/29/14	160604	17	88,860	44.43									
5/30/14	160514	23	88,520	44.26									
5/30/14	160608	19	88,080	44.04									
6/2/14	160513	23	87,980	43.99	6/1-6/6	3.85	5.98	0.70	13,618	1.02	4	353.61	353.61
6/2/14	160602	16	89,060	44.53									
6/3/14	160512	23	88,380	44.19									
6/3/14	160603	16	88,820	44.41									
6/4/14	160510	23	88,320	44.16									
6/4/14	160611	16	88,320	44.16									
6/5/14	160511	23	87,800	43.90									
6/5/14	160609	16	88,540	44.27									

2nd Quarter Weighted Averages: 3.87 6.08 0.69 13,600 2nd Quarter Total Tonnage: 618.79
 2nd analysis added and averages corrected 7/21/14

EKU Data

Ticket Receipt on file	Heating Value (MMBtu/Ton)	SO ₂ (lb/MMBtu) (<-5.98)	Particulate (lb/MMBtu) (<-0.35)	Mercury (lb/MMBtu) (<-2.2E-05)	Inventory (Tons)	Chlorine (%)	Mercury (PPM)
	27.51			2.2E-06		0.18%	0.03
X	27.26	0.96	0.031		5,342		
X					5,386		
X	27.09	0.94	0.031		5,430		
X					5,475		
X					5,519		
X					5,563		
X	27.24	0.98	0.031		5,607		
X					5,652		
X					5,696		
X					5,740		
X					5,784		
X					5,829		
X					5,873		
X					5,917		

2nd Qtr burn (Tons) 2,920
 Adjustment (Tons) 0
 2nd Qtr final inventory (Tons) 2,997

2014

Paint Shop Spray Booth Log

Date	Start Time	End Time	Item	Product	Qty	Name of Sprayer
Jan			NOT IN USE			
Feb			NOT IN USE			
March			NOT IN USE			
April			NOT IN USE			
May			NOT IN USE			
June			NOT IN USE			
July			NOT IN USE			

Robert
Daulton

