



## EASTERN KENTUCKY UNIVERSITY

*Serving Kentuckians Since 1906*

Paul Gannoe  
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& Administrative Affairs  
Associate Vice President  
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January 24, 2018

Mr. Eric Eisiminger, Regional Office Supervisor  
KY Division for Air Quality  
Frankfort Regional Office  
300 Sower Blvd. 1<sup>st</sup> Floor  
Frankfort, KY 40601

U.S. EPA Region 4  
Air Enforcement Branch  
Atlanta Federal Center  
61 Forsyth St. SW  
Atlanta, GA 30303-8960

RE: Semi-Annual Monitoring Compliance Certification  
July through December, 2017  
Eastern Kentucky University, Source ID No. 21-151-00007  
Permit No. V-14-004

Dear Mr. Eisiminger,

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 EKU Information Technology and can be made available upon request.

Please contact myself or Bill Rhodes, the Assistant Director of Environmental Compliance, if you have any questions.

Sincerely,

Paul Gannoe  
Associate Vice President, ECU Facilities Services & Capital Planning

cc: Bill Rhodes Assistant Director of Environmental Compliance  
bill.rhodes@eku.edu  
859 622-4104



Enclosures: Semi-Annual Summary Report for 2017; July-December  
Heat Plant Steam Output 2017 Calendar Year  
Monthly Output chart by days and weeks for November and December, 2017  
Baghouse Differential Pressure 3 Hour Rolling Average for November and December 2017  
Fuel Usage with HCl and HAP's calculations for 2017 (including 12 month rolling HCl tonnage)  
Coal Deliveries and Analyses for 3<sup>rd</sup> and 4<sup>th</sup> Quarter 2017 with SO<sub>2</sub> and Particulate calculations  
Paint Shop Spray Booth Log for 2017; July-December



# EKU COMPLIANCE SEMI-ANNUAL SUMMARY REPORT

July Through December 2017



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 Rate of fuel use / Hours of operation	Gas Rate of fuel use / Hours of operation	Daily visual emissions with Method 9 if VE>0	Baghouse pressure drop  2.0 - 8.0 inches H <sub>2</sub> 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  N/A = no delivery	X = Coal moved from Coal Facility to Heat Plant  N/A = no delivery	Boiler No. 2  X = boiler in use  N/A = boiler not running	Boiler No. 3  X = boiler in use  N/A = boiler not running	X = VE is 0  9 = Method 9 conducted  N/A = not running	Value = Daily Average Differential Pressure in inches H <sub>2</sub> O	X = paint booth hours and coating use monitored  N/A = not operating	N = Shared "N" Drive maintained by EKU IT  N/A = no records
DAILY LOG								
7/1/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/2/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/3/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/4/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/5/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/6/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/7/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/8/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/9/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/10/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/11/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/12/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/13/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/14/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/15/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/16/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/17/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/18/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/19/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/20/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/21/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/22/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/23/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/24/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/25/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/26/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/27/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/28/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/29/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/30/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
7/31/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/1/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/2/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/3/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/4/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A

Day Month Year	X = Delivery to Coal Facility; with analysis  N/A = no delivery	X = Coal moved from Coal Facility to Heat Plant  N/A = no delivery	Boiler No. 2  X = boiler in use  N/A = boiler not running	Boiler No. 3  X = boiler in use  N/A = boiler not running	X = VE is 0  9 = Method 9 conducted  N/A = not running	Value = Daily Average Differential Pressure in inches H <sub>2</sub> O	X = paint booth hours and coating use monitored  N/A = not operating	N = Shared "N" Drive main- tained by EKU IT  N/A = no records
	DAILY LOG							
8/5/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/6/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/7/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/8/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/9/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/10/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/11/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/12/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/13/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/14/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/15/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/16/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/17/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/18/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/19/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/20/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/21/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/22/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/23/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/24/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/25/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/26/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/27/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/28/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/29/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/30/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
8/31/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/1/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/2/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/3/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/4/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/5/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/6/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/7/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/8/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/9/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/10/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/11/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/12/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/13/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/14/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/15/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/16/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/17/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/18/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/19/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/20/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/21/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/22/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/23/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/24/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A

Day Month Year	X = Delivery to Coal Facility; with analysis  N/A = no delivery	X = Coal moved from Coal Facility to Heat Plant  N/A = no delivery	Boiler No. 2  X = boiler in use  N/A = boiler not running	Boiler No. 3  X = boiler in use  N/A = boiler not running	X = VE is 0  9 = Method 9 conducted  N/A = not running	Value = Daily Average Differential Pressure in inches H <sub>2</sub> O	X = paint booth hours and coating use monitored  N/A = not operating	N = Shared "N" Drive main- tained by EKU IT  N/A = no records
	DAILY LOG							
9/25/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/26/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/27/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/28/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/29/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
9/30/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/1/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/2/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/3/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/4/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/5/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/6/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/7/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/8/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/9/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/10/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/11/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/12/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/13/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/14/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/15/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/16/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/17/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/18/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/19/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/20/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/21/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/22/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/23/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/24/17	N/A	N/A	N/A	N/A	N/A	0.00	X	N
10/25/17	N/A	N/A	N/A	N/A	N/A	0.00	X	N
10/26/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/27/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/28/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/29/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/30/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
10/31/17	N/A	N/A	N/A	X	N/A	0.00	N/A	N
11/1/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
11/2/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
11/3/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
11/4/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
11/5/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
11/6/17	N/A	N/A	N/A	N/A	N/A	0.00	N/A	N/A
11/7/17	N/A	N/A	N/A	N/A	N/A	0.00	X	N
11/8/17	N/A	N/A	N/A	X	N/A	0.00	X	N
11/9/17	N/A	N/A	N/A	X	N/A	0.00	N/A	N
11/10/17	N/A	N/A	N/A	X	N/A	0.00	N/A	N
11/11/17	N/A	N/A	N/A	X	N/A	0.00	N/A	N
11/12/17	N/A	N/A	N/A	X	N/A	0.00	N/A	N
11/13/17	N/A	N/A	N/A	X	N/A	0.00	N/A	N
11/14/17	N/A	N/A	N/A	X	N/A	0.00	N/A	N

Day Month Year	X = Delivery to Coal Facility; with analysis  N/A = no delivery	X = Coal moved from Coal Facility to Heat Plant  N/A = no delivery	Boiler No. 2  X = boiler in use  N/A = boiler not running	Boiler No. 3  X = boiler in use  N/A = boiler not running	X = VE is 0  9 = Method 9 conducted  N/A = not running	Value = Daily Average Differential Pressure in inches H <sub>2</sub> O	X = paint booth hours and coating use monitored  N/A = not operating	N = Shared "N" Drive main- tained by EKU IT  N/A = no records
	DAILY LOG							
11/15/17	N/A	N/A	N/A	X	N/A	0.00	N/A	N
11/16/17	N/A	N/A	N/A	X	N/A	0.00	N/A	N
11/17/17	N/A	N/A	N/A	X	N/A	0.00	N/A	N
11/18/17	N/A	N/A	N/A	X	N/A	0.00	N/A	N
11/19/17	N/A	N/A	N/A	X	N/A	0.00	N/A	N
11/20/17	N/A	N/A	N/A	X	N/A	0.00	N/A	N
11/21/17	N/A	N/A	N/A	X	N/A	0.00	N/A	N
11/22/17	N/A	N/A	N/A	X	N/A	0.00	N/A	N
11/23/17	N/A	N/A	N/A	X	N/A	0.00	N/A	N
11/24/17	N/A	N/A	N/A	X	N/A	0.00	N/A	N
11/25/17	N/A	N/A	N/A	X	N/A	0.00	N/A	N
11/26/17	N/A	N/A	N/A	X	N/A	0.00	N/A	N
11/27/17	N/A	N/A	N/A	X	9	1.02	N/A	N
11/28/17	N/A	X	X	X	X	3.43	N/A	N
11/29/17	N/A	X	X	N/A	X	4.33	N/A	N
11/30/17	N/A	N/A	X	X	9	4.10	N/A	N
12/1/17	N/A	X	X	X	X	4.73	N/A	N
12/2/17	N/A	X	X	N/A	X	4.74	N/A	N
12/3/17	N/A	X	X	N/A	X	4.99	N/A	N
12/4/17	N/A	X	X	N/A	X	4.61	N/A	N
12/5/17	N/A	X	X	N/A	X	4.65	N/A	N
12/6/17	N/A	X	X	N/A	9	4.65	N/A	N
12/7/17	N/A	X	X	N/A	X	4.61	N/A	N
12/8/17	N/A	X	X	N/A	X	4.52	N/A	N
12/9/17	N/A	X	X	N/A	X	4.58	N/A	N
12/10/17	N/A	X	X	N/A	X	4.77	N/A	N
12/11/17	N/A	X	X	N/A	X	4.49	N/A	N
12/12/17	N/A	X	X	X	X	5.19	N/A	N
12/13/17	N/A	X	X	X	9	4.84	N/A	N
12/14/17	N/A	X	X	X	X	5.15	N/A	N
12/15/17	N/A	X	X	X	X	5.21	N/A	N
12/16/17	N/A	X	X	X	X	5.26	N/A	N
12/17/17	N/A	X	X	X	X	5.64	N/A	N
12/18/17	X	X	X	X	X	4.62	N/A	N
12/19/17	X	X	X	X	X	4.72	N/A	N
12/20/17	N/A	X	X	N/A	9	4.88	N/A	N
12/21/17	N/A	X	X	N/A	X	4.84	N/A	N
12/22/17	N/A	X	X	N/A	X	5.03	N/A	N
12/23/17	N/A	X	X	N/A	X	3.95	N/A	N
12/24/17	N/A	X	X	X	X	5.14	N/A	N
12/25/17	N/A	X	X	X	X	3.56	N/A	N
12/26/17	N/A	X	X	X	9	4.81	N/A	N
12/27/17	N/A	X	X	X	X	5.14	N/A	N
12/28/17	N/A	X	X	X	X	5.18	N/A	N
12/29/17	N/A	X	X	X	X	5.41	N/A	N
12/30/17	N/A	X	X	X	X	5.18	N/A	N
12/31/17	N/A	X	X	X	X	5.18	N/A	N

# Heat Plant Steam Output 2017



## Monthly Totals, with Fuel & Water Usages

Month	Gas (Mcf)	Coal (Tons)	Ash (Tons)	Make-Up H <sub>2</sub> O (Kgal)	Condensate Return (Cgal)	Percent Condensate Return	Boiler #2 Output (KLbs)	Boiler #3 Output (KLbs)	Boiler #4 Output (KLbs)	Total Steam (KLbs)	Steam Per Day (KLbs)	Steam Per Hour (KLbs)
January	2,711	944	0	1,204	1,092	8.3%	9,485	3,517	0	13,002	419	17
February	341	918	0	971	1,237	11.3%	5,817	901	3,996	10,714	383	16
March	0	907	29	1,064	1,244	10.5%	0	0	11,403	11,403	356	15
April	934	427	15	660	427	6.1%	5,000	1,406	378	6,784	226	9
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
July	0	0	0	0	0	0.0%	0	0	0	0	0	0
August	0	0	0	0	0	0.0%	0	0	0	0	0	0
September	0	0	0	0	0	0.0%	0	0	0	0	0	0
October	198	0	0	0	0	0.0%	0	0	0	0	0	0
November	5,418	67	0	683	37	0.5%	881	5,701	0	6,582	219	9
December	1,940	882	17	1,128	453	3.9%	8,205	2,860	0	11,065	357	15
<b>2009 Totals</b>	<b>11,542</b>	<b>4,146</b>	<b>61</b>	<b>5,709</b>	<b>4,491</b>	<b>7.3%</b>	<b>29,388</b>	<b>14,385</b>	<b>15,777</b>	<b>59,550</b>		
<b>Percent Ash:</b>		<b>1.5%</b>		<b>Load Share</b>		<b>49.4%</b>		<b>24.2%</b>		<b>26.5%</b>		<b>100%</b>

Jan - Jun Coal per truck load, Lbs: 10,550  
 Jul - Dec Coal per truck load, Lbs: 11,167

## Prorated Coal Usage

Month	% of Coal-Fired Steam		Boiler #2 Tons Burned	Boiler #4 Tons Burned	Total Tons Burned
	Boiler #2	Boiler #4			
Jan	100.0%	0.0%	944.2	0.0	944
Feb	59.3%	40.7%	544.1	373.8	918
Mar	0.0%	100.0%	0.0	907.3	907
Apr	93.0%	7.0%	397.2	30.0	427
May	0.0%	0.0%	0	0	0
Jun	0.0%	0.0%	0	0	0
Jul	0.0%	0.0%	0	0	0
Aug	0.0%	0.0%	0	0	0
Sep	0.0%	0.0%	0	0	0
Oct	0.0%	0.0%	0	0	0
Nov	100.0%	0.0%	67	0	67
Dec	100.0%	0.0%	882	0	882



## Weekly Steam Output with Fuel & Water Usage November 2017

### First Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas Mcf	City Water Cu Ft	City Water Gal	Make-up Water Gal	Cndnsate Return Gal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons						
						0.0					0			#DIV/0!
						0.0					0			#DIV/0!
						0.0					0			#DIV/0!
1-Nov						0.0			46	1,768	13,225			#DIV/0!
2-Nov						0.0			153	4,520	33,810			#DIV/0!
3-Nov						0.0			130	5,182	38,761			#DIV/0!
4-Nov						0.0					0			#DIV/0!
<b>Weekly Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>329</b>	<b>11,470</b>	<b>85,796</b>	<b>0</b>	<b>0</b>	<b>#DIV/0!</b>
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: 0.0 Cgal					
Hourly Avg: 0.00 KLbs					Gas: 109.7 Mcf				City Water: 21,448.9 Kgal					

### Second Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas Mcf	City Water Cu Ft	City Water Gal	Make-up Water Gal	Cndnsate Return Gal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons						
5-Nov						0.0					0			#DIV/0!
6-Nov						0.0			198	2,604	19,474			#DIV/0!
7-Nov						0.0			148	4,894	36,607			#DIV/0!
8-Nov			244		0.0	0.0	0.0	0.0	207	33,336	249,353	32,928	126	0.4%
9-Nov			0		0.0	0.0	0.0	0.0	200	0	0	0	0	#DIV/0!
10-Nov			219		0.0	0.0	0.0	0.0	186	31,431	235,104	29,823	660	2.2%
11-Nov			197		0.0	0.0	0.0	0.0	229	21,792	163,004	20,438	53	0.3%
<b>Weekly Totals</b>	<b>0</b>	<b>0</b>	<b>660</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,168</b>	<b>94,057</b>	<b>703,543</b>	<b>83,189</b>	<b>839</b>	<b>1.0%</b>
Steam Output					Daily Averages									
Week Total: 660 KLbs					Coal: 0.0 Tons				Make-up Water: 1188.4 Kgal					
Daily Avg: 94 KLbs					Ash: 0.0 Tons				Condensate Return: 119.9 Cgal					
Hourly Avg: 3.93 KLbs					Gas: 194.7 Mcf				City Water: 100,506.1 Kgal					

### Third Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas Mcf	City Water Cu Ft	City Water Gal	Make-up Water Gal	Cndnsate Return Gal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons						
12-Nov			327		0.0	0.0	0.0	0.0	221	40,238	300,980	37,548	116	0.3%
13-Nov			239		0.0	0.0	0.0	0.0	183	26,718	199,851	26,834	72	0.3%
14-Nov			106		0.0	0.0	0.0	0.0	234	15,349	114,811	14,154	91	0.6%
15-Nov			311		0.0	0.0	0.0	0.0	244	33,525	250,767	33,197	131	0.4%
16-Nov			318		0.0	0.0	0.0	0.0	235	38,193	285,684	34,437	78	0.2%
17-Nov			289		0.0	0.0	0.0	0.0	210	34,575	258,621	32,329	143	0.4%
18-Nov			274		0.0	0.0	0.0	0.0	191	34,243	256,138	30,773	397	1.3%
<b>Weekly Totals</b>	<b>0</b>	<b>0</b>	<b>1864</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,518</b>	<b>222,841</b>	<b>1,666,851</b>	<b>209,272</b>	<b>1,028</b>	<b>0.5%</b>
Steam Output					Daily Averages									
Week Total: 1,864 KLbs					Coal: 0.0 Tons				Make-up Water: 2989.6 Kgal					
Daily Avg: 266 KLbs					Ash: 0.0 Tons				Condensate Return: 146.9 Cgal					
Hourly Avg: 11.10 KLbs					Gas: 216.9 Mcf				City Water: 238,121.5 Kgal					

### Fourth Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas Mcf	City Water Cu Ft	City Water Gal	Make-up Water Gal	Cndnsate Return Gal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons						
19-Nov					0.0	0.0	0.0	0.0	173	23,534	176,034	22,729	596	2.6%
20-Nov					0.0	0.0	0.0	0.0	258	34,130	255,292	32,113	17	0.1%
21-Nov					0.0	0.0	0.0	0.0	257	37,291	278,937	34,902	152	0.4%
22-Nov					0.0	0.0	0.0	0.0	230	37,790	282,669	36,272	39	0.1%
23-Nov					0.0	0.0	0.0	0.0	263	24,882	186,117	24,491	94	0.4%
24-Nov					0.0	0.0	0.0	0.0	236	38,804	290,254	37,002	152	0.4%
25-Nov					0.0	0.0	0.0	0.0	234	35,303	264,066	31,033	222	0.7%
<b>Weekly Totals</b>	<b>0</b>	<b>0</b>	<b>1962</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,651</b>	<b>231,734</b>	<b>1,733,370</b>	<b>218,542</b>	<b>1,272</b>	<b>0.6%</b>
Steam Output					Daily Averages									
Week Total: 1,962 KLbs					Coal: 0.0 Tons				Make-up Water: 3122.0 Kgal					
Daily Avg: 280 KLbs					Ash: 0.0 Tons				Condensate Return: 181.7 Cgal					
Hourly Avg: 11.68 KLbs					Gas: 235.9 Mcf				City Water: 247,624.3 Kgal					

### Fifth Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas Mcf	City Water Cu Ft	City Water Gal	Make-up Water Gal	Cndnsate Return Gal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons						
26-Nov					0.0	0.0	0.0	0.0	218	31,594	236,323	29,885	39	0.1%
27-Nov					0.0	0.0	0.0	0.0	244	36,187	270,679	35,552	100	0.3%
28-Nov			177		0.0	0.0	0.0	0.0	158	44,758	334,790	41,696	151	0.4%
29-Nov			328		6.0	33.5	0.0	0.0	0	36,611	273,850	33,094	107	0.3%
30-Nov			376		6.0	33.5	0.0	0.0	132	32,572	243,639	31,634	148	0.5%
						0.0					0			#DIV/0!
						0.0					0			#DIV/0!
<b>Weekly Totals</b>	<b>0</b>	<b>881</b>	<b>1215</b>	<b>0</b>	<b>12.0</b>	<b>67.0</b>	<b>0.0</b>	<b>0.0</b>	<b>752</b>	<b>181,722</b>	<b>1,359,281</b>	<b>171,861</b>	<b>545</b>	<b>0.3%</b>
Steam Output					Daily Averages									
Week Total: 2,096 KLbs					Coal: 13.4 Tons				Make-up Water: 3437.2 Kgal					
Daily Avg: 419 KLbs					Ash: 0.0 Tons				Condensate Return: 109.0 Cgal					
Hourly Avg: 17.47 KLbs					Gas: 150.4 Mcf				City Water: 271,856.1 Kgal					

### Sixth Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas Mcf	City Water Cu Ft	City Water Gal	Make-up Water Gal	Cndnsate Return Gal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons						
						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!
<b>Weekly Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>#DIV/0!</b>
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 December 2017

### First Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas Mcf	City Water Cu Ft	City Water Gal	Make-up Water Gal	Cndnsate Return Gal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons						
						0.0								#DIV/0!
						0.0								#DIV/0!
						0.0								#DIV/0!
						0.0								#DIV/0!
						0.0								#DIV/0!
1-Dec		248	516		3.0	16.8	0.0	0.0	123	31,337	234,401	31,869	147	0.5%
2-Dec		329	0		2.0	11.2	0.0	0.0	0	44,617	333,735	38,978	90	0.2%
<b>Weekly Totals</b>	<b>0</b>	<b>577</b>	<b>516</b>	<b>0</b>	<b>5.0</b>	<b>27.9</b>	<b>0.0</b>	<b>0.0</b>	<b>123</b>	<b>75,954</b>	<b>568,136</b>	<b>70,847</b>	<b>237</b>	<b>0.3%</b>
<b>Steam Output</b>				<b>Daily Averages</b>										
Week Total: 1,093 KLbs				Coal: 14.0 Tons				Make-up Water: 3542.4 Kgal						
Daily Avg: 547 KLbs				Ash: 0.0 Tons				Condensate Return: 118.5 Cgal						
Hourly Avg: 22.77 KLbs				Gas: 61.5 Mcf				City Water: 284,068.0 Kgal						

### Second Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas Mcf	City Water Cu Ft	City Water Gal	Make-up Water Gal	Cndnsate Return Gal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons						
3-Dec		306	0		5.0	27.9	0.0	0.0	0	40,048	299,559	37,409	423	1.1%
4-Dec		292	0		3.0	16.8	0.0	0.0	0	43,820	327,774	35,491	237	0.7%
5-Dec		299	0		12.0	67.0	0.0	0.0	0	32,150	240,482	29,831	380	1.3%
6-Dec		199	0		12.0	67.0	0.0	0.0	0	22,542	168,614	22,302	545	2.4%
7-Dec		348	0		7.0	39.1	0.0	0.0	0	38,670	289,252	37,052	3,354	8.3%
8-Dec		357	0		5.0	27.9	0.0	0.0	0	40,811	305,266	37,644	1,747	4.4%
9-Dec		412	0		6.0	33.5	6.0	0.0	0	41,202	308,191	39,444	2,001	4.8%
<b>Weekly Totals</b>	<b>0</b>	<b>2213</b>	<b>0</b>	<b>0</b>	<b>50.0</b>	<b>279.2</b>	<b>6.0</b>	<b>0.0</b>	<b>0</b>	<b>259,243</b>	<b>1,939,138</b>	<b>239,173</b>	<b>8,687</b>	<b>3.5%</b>
<b>Steam Output</b>				<b>Daily Averages</b>										
Week Total: 2,213 KLbs				Coal: 39.9 Tons				Make-up Water: 3416.8 Kgal						
Daily Avg: 316 KLbs				Ash: 0.0 Tons				Condensate Return: 1,241.0 Cgal						
Hourly Avg: 13.17 KLbs				Gas: 0.0 Mcf				City Water: 277,019.7 Kgal						

### Third Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas Mcf	City Water Cu Ft	City Water Gal	Make-up Water Gal	Cndnsate Return Gal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons						
10-Dec		379	0		6.0	33.5	0.0	0.0	0	43,396	324,602	40,965	2,221	5.1%
11-Dec		386	0		6.0	33.5	0.0	0.0	0	43,424	324,812	40,807	2,044	4.8%
12-Dec		403	19		10.0	55.8	0.0	0.0	100	49,466	370,006	47,262	1,222	2.5%
13-Dec		191	156		4.0	22.3	0.0	0.0	174	39,898	298,437	35,569	2,146	5.7%
14-Dec		169	293		2.0	11.2	4.0	0.0	175	49,864	372,983	50,476	1,815	3.5%
15-Dec		140	196		4.0	22.3	0.0	0.0	102	39,309	294,031	36,463	1,579	4.2%
16-Dec		221	177		3.0	16.8	4.0	0.0	165	45,019	336,742	40,686	1,044	2.5%
<b>Weekly Totals</b>	<b>0</b>	<b>1889</b>	<b>841</b>	<b>0</b>	<b>35.0</b>	<b>195.4</b>	<b>8.0</b>	<b>0.0</b>	<b>716</b>	<b>310,376</b>	<b>2,321,612</b>	<b>292,228</b>	<b>12,071</b>	<b>4.0%</b>
<b>Steam Output</b>				<b>Daily Averages</b>										
Week Total: 2,730 KLbs				Coal: 27.9 Tons				Make-up Water: 4174.7 Kgal						
Daily Avg: 390 KLbs				Ash: 0.0 Tons				Condensate Return: 1,724.4 Cgal						
Hourly Avg: 16.25 KLbs				Gas: 102.3 Mcf				City Water: 331,658.9 Kgal						

### Fourth Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas Mcf	City Water Cu Ft	City Water Gal	Make-up Water Gal	Cndnsate Return Gal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons						
17-Dec		147	184		3.0	16.8	0.0	0.0	134	40,495	302,903	37,955	1,780	4.5%
18-Dec		93	196		3.0	16.8	0.0	0.0	115	35,857	268,210	32,988	1,878	5.4%
19-Dec		177	158		4.0	22.3	0.0	0.0	34	35,936	268,801	34,473	1,129	3.2%
20-Dec		402	0		6.0	33.5	0.0	0.0	0	45,073	337,146	43,541	1,570	3.5%
21-Dec		262	0		5.0	27.9	0.0	0.0	0	29,892	223,592	26,993	1,992	6.9%
22-Dec		312	0		5.0	27.9	3.0	0.0	0	37,565	280,986	32,539	1,609	4.7%
23-Dec		202	0		4.0	22.3	0.0	0.0	0	23,573	176,326	23,000	1,685	6.8%
<b>Weekly Totals</b>	<b>0</b>	<b>1595</b>	<b>538</b>	<b>0</b>	<b>30.0</b>	<b>167.5</b>	<b>3.0</b>	<b>0.0</b>	<b>283</b>	<b>248,391</b>	<b>1,857,965</b>	<b>231,489</b>	<b>11,643</b>	<b>4.8%</b>
<b>Steam Output</b>				<b>Daily Averages</b>										
Week Total: 2,133 KLbs				Coal: 23.9 Tons				Make-up Water: 3307.0 Kgal						
Daily Avg: 305 KLbs				Ash: 0.0 Tons				Condensate Return: 1,663.3 Cgal						
Hourly Avg: 12.70 KLbs				Gas: 40.4 Mcf				City Water: 265,423.5 Kgal						

### Fifth Week:

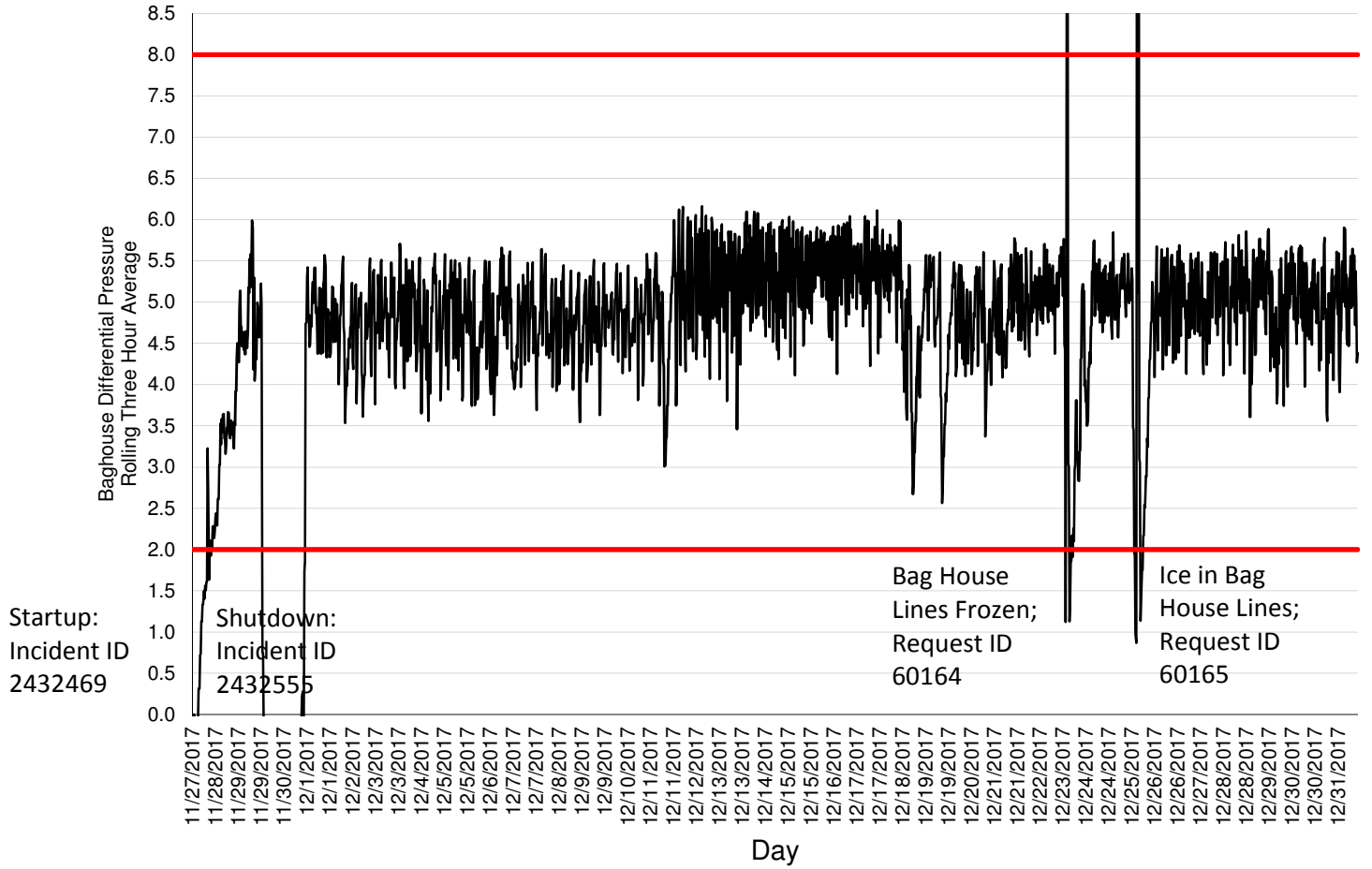
Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas Mcf	City Water Cu Ft	City Water Gal	Make-up Water Gal	Cndnsate Return Gal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons						
24-Dec		355	43		4.0	22.3	0.0	0.0	46	28,276	211,504	29,616	1,494	4.8%
25-Dec		128	133		4.0	22.3	0.0	0.0	97	29,769	222,672	29,769	1,611	5.1%
26-Dec		240	134		5.0	27.9	0.0	0.0	135	40,876	305,752	40,552	1,809	4.3%
27-Dec		228	137		5.0	27.9	0.0	0.0	96	41,206	308,221	38,160	1,848	4.6%
28-Dec		270	97		5.0	27.9	0.0	0.0	103	36,903	276,034	37,814	1,494	3.8%
29-Dec		252	207		5.0	27.9	0.0	0.0	135	52,480	392,550	46,543	1,831	3.8%
30-Dec		246	124		5.0	27.9	0.0	0.0	104	42,737	319,673	39,744	955	2.3%
<b>Weekly Totals</b>	<b>0</b>	<b>1719</b>	<b>875</b>	<b>0</b>	<b>33.0</b>	<b>184.3</b>	<b>0.0</b>	<b>0.0</b>	<b>716</b>	<b>272,247</b>	<b>2,036,408</b>	<b>262,198</b>	<b>11,042</b>	<b>4.0%</b>
<b>Steam Output</b>				<b>Daily Averages</b>										
Week Total: 2,594 KLbs				Coal: 26.3 Tons				Make-up Water: 3745.7 Kgal						
Daily Avg: 371 KLbs				Ash: 0.0 Tons				Condensate Return: 1,577.4 Cgal						
Hourly Avg: 15.44 KLbs				Gas: 102.3 Mcf				City Water: 290,915.4 Kgal						

### Sixth Week:

Date	KLbs Steam Generated per Day				Boilers 1, 2 & 4 Coal		Boilers 1, 2 & 4 Fly Ash		Boiler 3 Gas Mcf	City Water Cu Ft	City Water Gal	Make-up Water Gal	Cndnsate Return Gal	Percent Return
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Loads	Tons	Loads	Tons						
31-Dec		212	90		5.0	27.9	0.0	0.0	102	34,315	256,676	31,606	1,638	4.9%
						0.0								#DIV/0!
						0.0								#DIV/0!
						0.0								#DIV/0!
						0.0								#DIV/0!
						0.0								#DIV/0!
						0.0								#DIV/0!
						0.0								#DIV/0!
<b>Weekly Totals</b>	<b>0</b>	<b>212</b>	<b>90</b>	<b>0</b>	<b>5.0</b>	<b>27.9</b>	<b>0.0</b>	<b>0.0</b>	<b>102</b>	<b>34,315</b>	<b>256,676</b>	<b>31,606</b>	<b>1,638</b>	<b>4.9%</b>
<b>Steam Output</b>				<b>Daily Averages</b>										
Week Total: 302 KLbs				Coal: 27.9 Tons				Make-up Water: 3160.6 Kgal						
Daily Avg: 302 KLbs				Ash: 0.0 Tons				Condensate Return: 1,638.0 Cgal						
Hourly Avg: 12.58 KLbs				Gas: 102.0 Mcf				City Water: 256,676.2 Kgal						

# Ramsey Heat Plant

Bag House Operation; Fall 2017



## Fuel Usage and Area Source Emissions



Month	Coal Used EU 02 (Tons)	Coal Used EU 04 (Tons)	Coal 12 Month Rolling Total (Tons)	HCl EU 02 (Tons)	HCl EU 04 (Tons)	HCl (Tons)	HCl 12 Month Rolling Total (Tons)	Heat Plant Natural Gas (Mcf)	Other Nat Gas Used (Mcf)	Diesel Burned (1000 Gal)	Paint Sprayed (Gal)	HAPs <sub>1a</sub> EU 02 Coal (Lbs)	HAPs <sub>1b</sub> EU 04 Coal (Lbs)	HAPs <sub>2</sub> Natural Gas (Lbs)	HAPs <sub>3</sub> Diesel (Lbs)	HAPs <sub>4</sub> Paint (Lbs)	HAPs <sub>5</sub> Other (Lbs)	Total HAPs (Tons)	HAPs 12 Month Rolling Total (Tons)	
<b>Title V Limits:</b>							<b>9.0</b>													<b>22.5</b>
<b>2017</b>	January	944.2	0.0	4,661	0.73	0.00	0.73	2.64	2,711	12,721	0.742	0.00	1,614	0	29.2	0.39	0.00	500	1.07	7.62
	February	544.1	373.8	4,232	0.42	0.06	0.49	2.64	341	6,519	0.733	0.00	930	889	13.0	0.39	0.00	500	1.17	7.07
	March	0.0	907.3	4,158	0.00	0.15	0.15	2.45	0	5,458	1.207	0.00	0	2,158	10.3	0.64	0.00	500	1.33	7.08
	April	397.2	30.0	4,046	0.31	0.01	0.31	2.34	934	6,952	0.792	0.00	679	71	14.9	0.42	0.00	500	0.63	6.99
	May	0.0	0.0	4,046	0.00	0.00	0.00	2.34	0	8,385	1.205	0.00	0	0	15.8	0.64	0.00	500	0.26	6.99
	June	0.0	0.0	4,046	0.00	0.00	0.00	2.34	0	7,699	1.224	0.00	0	0	14.6	0.65	0.00	500	0.26	6.99
	July	0.0	0.0	4,046	0.00	0.00	0.00	2.34	0	6,421	0.782	0.00	0	0	12.1	0.41	0.00	500	0.26	6.99
	August	0.0	0.0	4,046	0.00	0.00	0.00	2.34	0	6,337	1.186	0.00	0	0	12.0	0.63	0.00	500	0.26	6.99
	September	0.0	0.0	4,046	0.00	0.00	0.00	2.34	0	8,657	1.251	0.00	0	0	16.4	0.66	0.00	500	0.26	6.99
	October	0.0	0.0	4,046	0.00	0.00	0.00	2.34	198	11,940	1.301	0.00	0	0	22.9	0.69	0.00	500	0.26	6.99
	November	67.0	0.0	4,113	0.05	0.00	0.05	2.39	5,418	29,765	0.838	0.50	115	0	66.5	0.44	0.47	500	0.34	7.08
	December	882.2	0.0	4,146	0.68	0.00	0.68	2.42	1,940	not rcv'd	0.574	0.50	1,508	0	3.7	0.30	0.47	500	1.01	7.10

An area source of air emissions is defined by EPA as any stationary source, or group of stationary sources, that annually emits, in aggregate, less than 10 tons of any single hazardous air pollutant (HAP) or less than 25 tons of multiple HAPs.

EASTERN KENTUCKY UNIVERSITY

**2017 - 3rd Qtr**

SHIP DATE	TICKET NO.	TRUCK NO.	WEIGHT		ANALYSIS (AS DELIVERED)							
			NET LBS	NET TONS	REPORT WEEK	MOISTURE < 4%	ASH (DRY) < 7.0 %	SULFUR < 0.8%	BTU/LB > 13,000	ANALYSIS SAMPLE ID #	DAYS 7 MAX	TONS (500 MAX)
			0	0.00							0	0

3rd Quarter Weighted Averages:

3rd Quarter Total Tonnage: 0.00

**EASTERN KENTUCKY UNIVERSITY**

**2017 - 4th Qtr**

SHIP DATE	TICKET NO.	TRUCK NO.	WEIGHT		ANALYSIS (AS DELIVERED)							
			NET LBS	NET TONS	REPORT WEEK	MOISTURE < 4%	ASH (DRY) < 7.0 %	SULFUR < 0.8%	BTU/LB > 13,000	ANALYSIS SAMPLE ID #	DAYS 7 MAX	TONS (500 MAX)
12/18/17	16647	88	82,380	41.19	12/18-12/19	3.43	6.51	0.79	13,684	12/14/18	2	249
12/18/17	16648	55	84,840	42.42								
12/18/17	16649	83	83,140	41.57								
12/19/17	16650	20	82,400	41.20								
12/19/17	16651	60	84,580	42.29								
12/19/17	16652	83	81,620	40.81								

4th Quarter Weighted Averages:

3.43

6.51

0.79

13,684

4th Quarter Total Tonnage:

249.48



# Paint Shop Spray Booth Log

Date Assigned	Assigned by	Item	Date Painted	Start Time	End Time	Product	Qty (Qts or Gals)	Painted by
5-24	2017	Calzone to	5-24	7:30	12:00	Wood Coatings Poly	1/2 gal	Jason Travis
JAN 2017		NOT IN	USE					
FEB 2017		NOT IN	USE					
MARCH 2017		NOT IN	USE					
April 2017		NOT IN	USE					
JUNE 2017		NOT IN	USE					
July 2017		"	"	"				
Aug 2017		"	"	"				
Sept 2017		"	"	"				

*Roby Denton*



