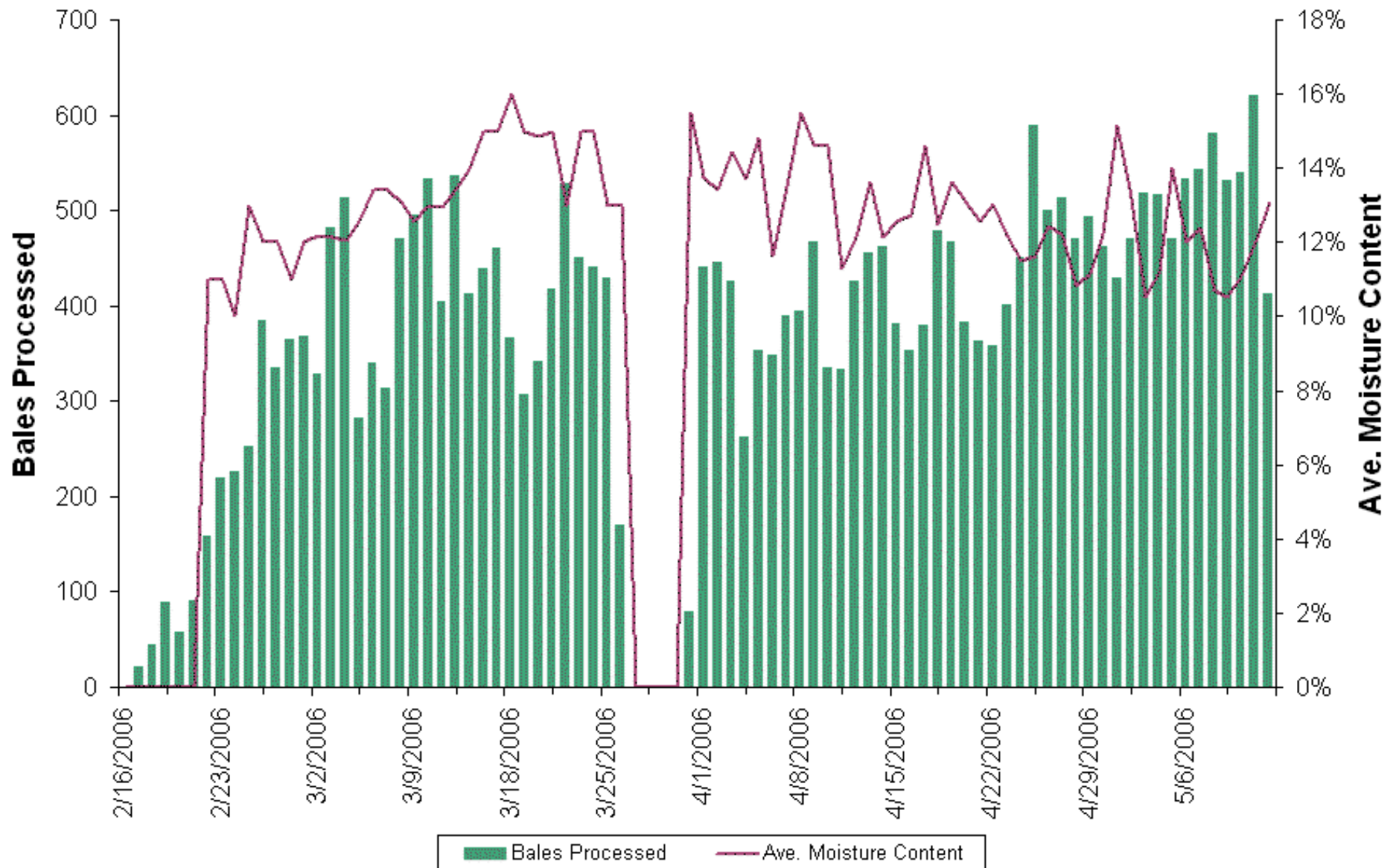
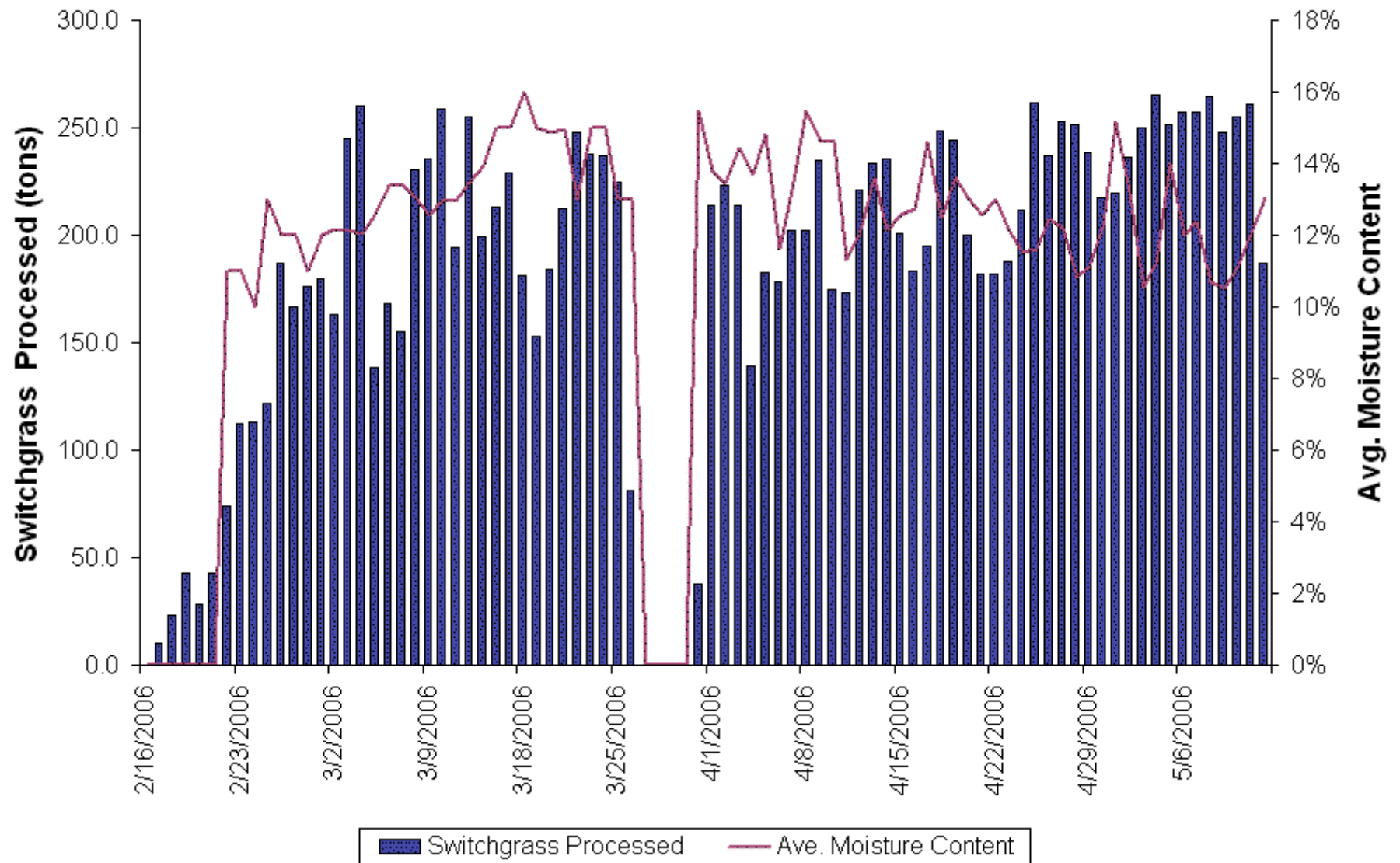


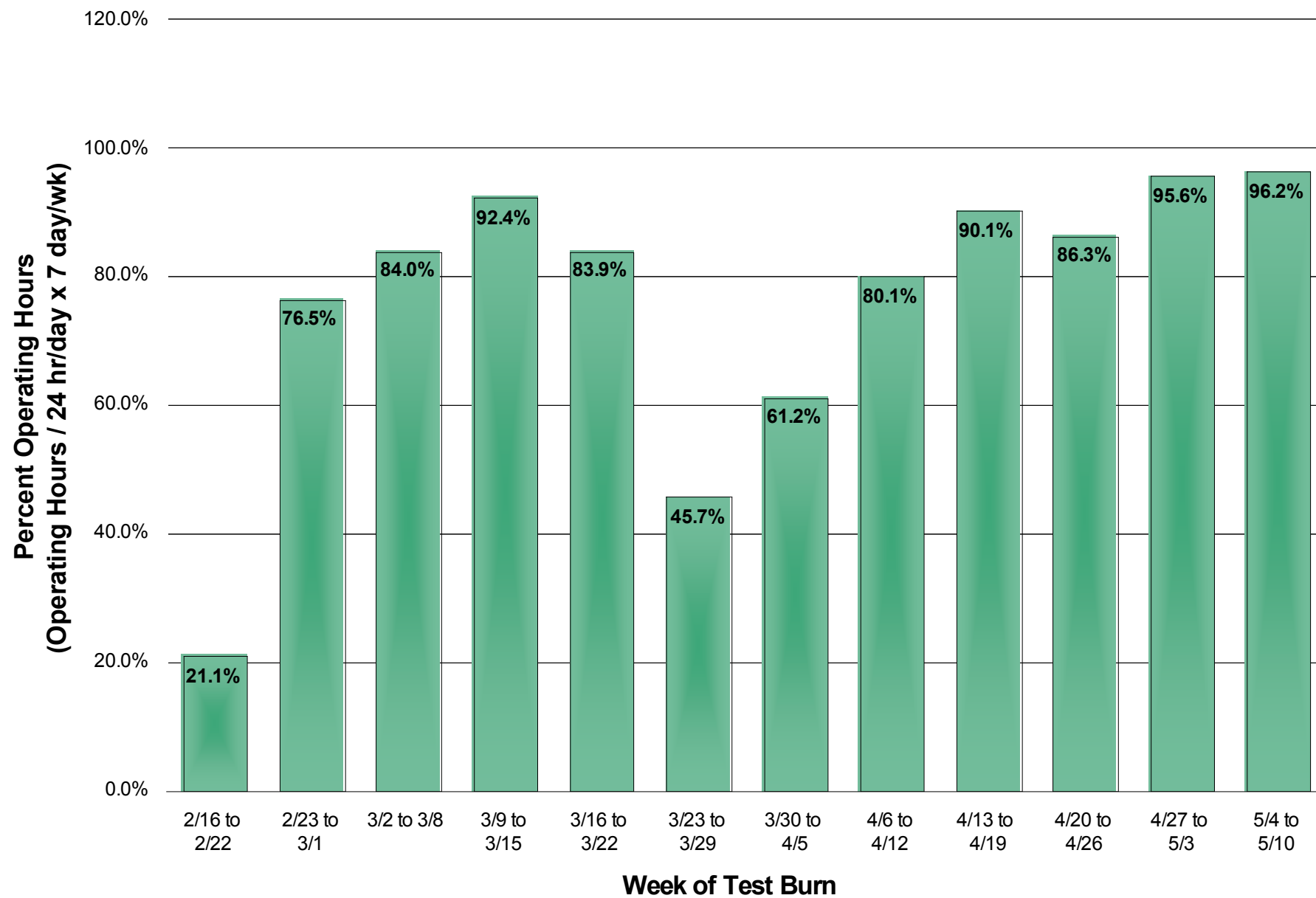
Bales Processed vs. Date w/ Moisture line



Switchgrass Processed (tons) vs. Date



Weekly Plant Availability



Switchgrass Processed in February

Switchgrass Processing Date	Switchgrass Processed (tons)	Average Moisture Content		
1-Feb-06	0.0	0.0%	HHV (as received) = (1-MC) x HHV (dry basis)	
2-Feb-06	0.0	0.0%		
3-Feb-06	0.0	0.0%	HHV (as received, est contract avg)	
4-Feb-06	0.0	0.0%	HHV (dry basis)	7,956 Btu/lb
5-Feb-06	0.0	0.0%	MC (est. contract avg.)	13.4%
6-Feb-06	0.0	0.0%	HHV (as received, est contract avg)	6,892 Btu/lb
7-Feb-06	0.0	0.0%		
8-Feb-06	0.0	0.0%		
9-Feb-06	0.0	0.0%	HHV (as received, actual for month)	
10-Feb-06	0.0	0.0%	HHV (dry basis)	7,956 Btu/lb
11-Feb-06	0.0	0.0%	MC (actual this month)	11.4%
12-Feb-06	0.0	0.0%		
13-Feb-06	0.0	0.0%	HHV (as received, actual for month)	7,049 Btu/lb
14-Feb-06	0.0	0.0%		
15-Feb-06	0.0	0.0%	Total MMBtu	15,480 MMBtu
16-Feb-06	0.0	11.0%		
17-Feb-06	10.0	11.0%		
18-Feb-06	23.0	11.0%		
19-Feb-06	43.0	11.0%		
20-Feb-06	28.0	11.0%		
21-Feb-06	43.0	11.0%		
22-Feb-06	74.0	11.0%		
23-Feb-06	112.0	11.0%		
24-Feb-06	113.0	10.0%		
25-Feb-06	122.0	13.0%		
26-Feb-06	187.0	12.0%		
27-Feb-06	167.0	12.0%		
28-Feb-06	176.0	11.0%		
Monthly Totals	1,098.0	11.4%		

Switchgrass Processed in March

Switchgrass Processing Date	Switchgrass Processed (tons)	Average Moisture Content		
1-Mar-06	180.0	12.0%	HHV (as received) = (1-MC) x HHV (dry basis)	
2-Mar-06	163.0	12.2%		
3-Mar-06	245.0	12.1%	HHV (as received, est contract avg)	
4-Mar-06	260.4	12.1%	HHV (dry basis)	7,956 Btu/lb
5-Mar-06	138.4	12.6%	MC (est. contract avg.)	13.4%
6-Mar-06	168.2	13.4%	HHV (as received, est contract avg)	6,892 Btu/lb
7-Mar-06	155.2	13.4%		
8-Mar-06	230.7	13.1%		
9-Mar-06	235.2	12.5%	HHV (as received, actual for month)	
10-Mar-06	259.0	13.0%	HHV (dry basis)	7,956 Btu/lb
11-Mar-06	194.5	13.0%	MC (actual this month)	13.6%
12-Mar-06	254.7	13.5%		
13-Mar-06	199.2	14.0%	HHV (as received, actual for month)	6,874 Btu/lb
14-Mar-06	213.3	15.0%		
15-Mar-06	228.8	15.0%	Total MMBtu	72,845 MMBtu
16-Mar-06	168.3	13.9%		
17-Mar-06	208.1	14.0%		
18-Mar-06	181.4	15.7%		
19-Mar-06	152.7	14.6%		
20-Mar-06	184.0	14.9%		
21-Mar-06	212.0	15.0%		
22-Mar-06	247.9	13.2%		
23-Mar-06	237.6	14.6%		
24-Mar-06	237.2	14.9%		
25-Mar-06	224.8	12.9%		
26-Mar-06	81.1	13.3%		
27-Mar-06	0.0	0.0%		
28-Mar-06	0.0	0.0%		
29-Mar-06	0.0	0.0%		
30-Mar-06	0.0	0.0%		
31-Mar-06	37.8	15.5%		
Monthly Totals	5,298.6	13.6%		

Switchgrass Processed in April

Switchgrass Processing Date	Switchgrass Processed (tons)	Average Moisture Content		
1-Apr-06	213.5	13.8%	HHV (as received) = (1-MC) x HHV (dry basis)	
2-Apr-06	223.3	13.4%		
3-Apr-06	213.6	14.4%	HHV (as received, est contract avg)	
4-Apr-06	139.2	13.7%	HHV (dry basis)	7,956 Btu/lb
5-Apr-06	182.5	14.8%	MC (est. contract avg.)	13.4%
6-Apr-06	178.0	11.6%	HHV (as received, est contract avg)	6,892 Btu/lb
7-Apr-06	202.3	13.5%		
8-Apr-06	201.9	15.5%		
9-Apr-06	234.4	14.6%	HHV (as received, actual for month)	
10-Apr-06	175.0	14.6%	HHV (dry basis)	7,956 Btu/lb
11-Apr-06	173.4	11.3%	MC (actual this month)	12.5%
12-Apr-06	221.0	12.1%		
13-Apr-06	233.6	13.6%	HHV (as received, actual for month)	6,962 Btu/lb
14-Apr-06	235.5	12.2%		
15-Apr-06	200.9	12.6%	Total MMBtu	88,017 MMBtu
16-Apr-06	183.4	12.7%		
17-Apr-06	194.9	14.6%		
18-Apr-06	248.6	12.5%		
19-Apr-06	244.5	13.6%		
20-Apr-06	200.0	13.1%		
21-Apr-06	181.9	12.6%		
22-Apr-06	182.0	13.0%		
23-Apr-06	188.0	12.2%		
24-Apr-06	211.9	11.5%		
25-Apr-06	261.7	11.6%		
26-Apr-06	237.1	12.4%		
27-Apr-06	252.9	12.2%		
28-Apr-06	251.2	10.8%		
29-Apr-06	238.3	11.1%		
30-Apr-06	217.3	12.2%		
Monthly Totals	6,321.7	12.5%		

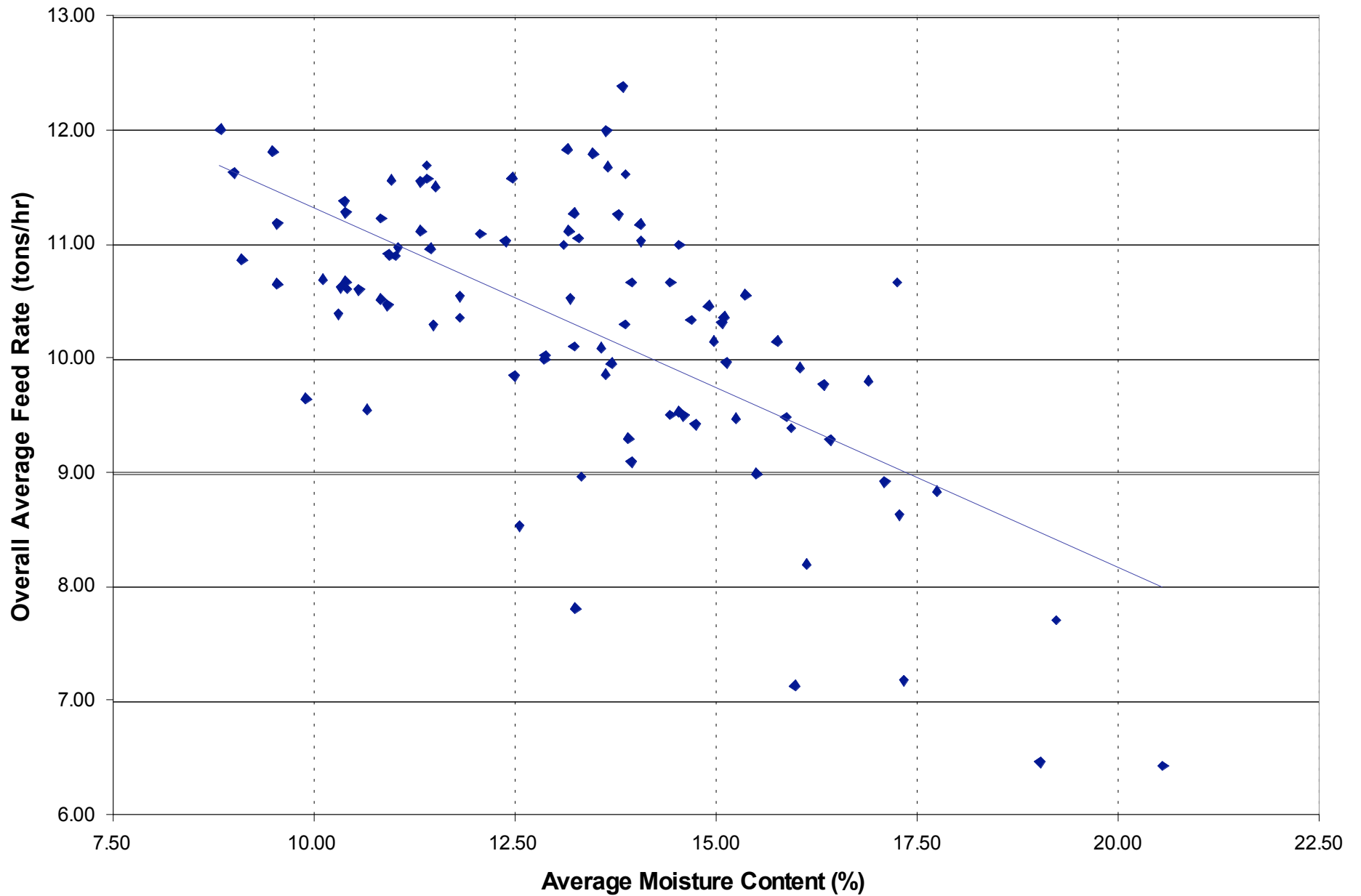
Switchgrass Processed in May

Switchgrass Processing Date	Switchgrass Processed (tons)	Average Moisture Content		
1-May-06	219.8	15.2%	HHV (as received) = (1-MC) x HHV (dry basis)	
2-May-06	236.3	13.2%		
3-May-06	249.8	10.5%	HHV (as received, est contract avg)	
4-May-06	265.3	11.2%	HHV (dry basis)	7,956 Btu/lb
5-May-06	251.3	14.0%	MC (est. contract avg.)	13.4%
6-May-06	257.4	12.0%	HHV (as received, est contract avg)	6,892 Btu/lb
7-May-06	257.6	12.4%		
8-May-06	264.3	10.7%		
9-May-06	247.7	10.5%	HHV (as received, actual for month)	
10-May-06	255.0	11.1%	HHV (dry basis)	7,956 Btu/lb
11-May-06	261.1	12.0%	MC (actual this month)	12.1%
12-May-06	187.1	13.1%		
13-May-06			HHV (as received, actual for month)	6,993 Btu/lb
14-May-06				
15-May-06			Total MMBtu	41,296 MMBtu
16-May-06				
17-May-06				
18-May-06				
19-May-06				
20-May-06				
21-May-06				
22-May-06				
23-May-06				
24-May-06				
25-May-06				
26-May-06				
27-May-06				
28-May-06				
29-May-06				
30-May-06				
31-May-06				
Monthly Totals	2,952.5	12.1%		

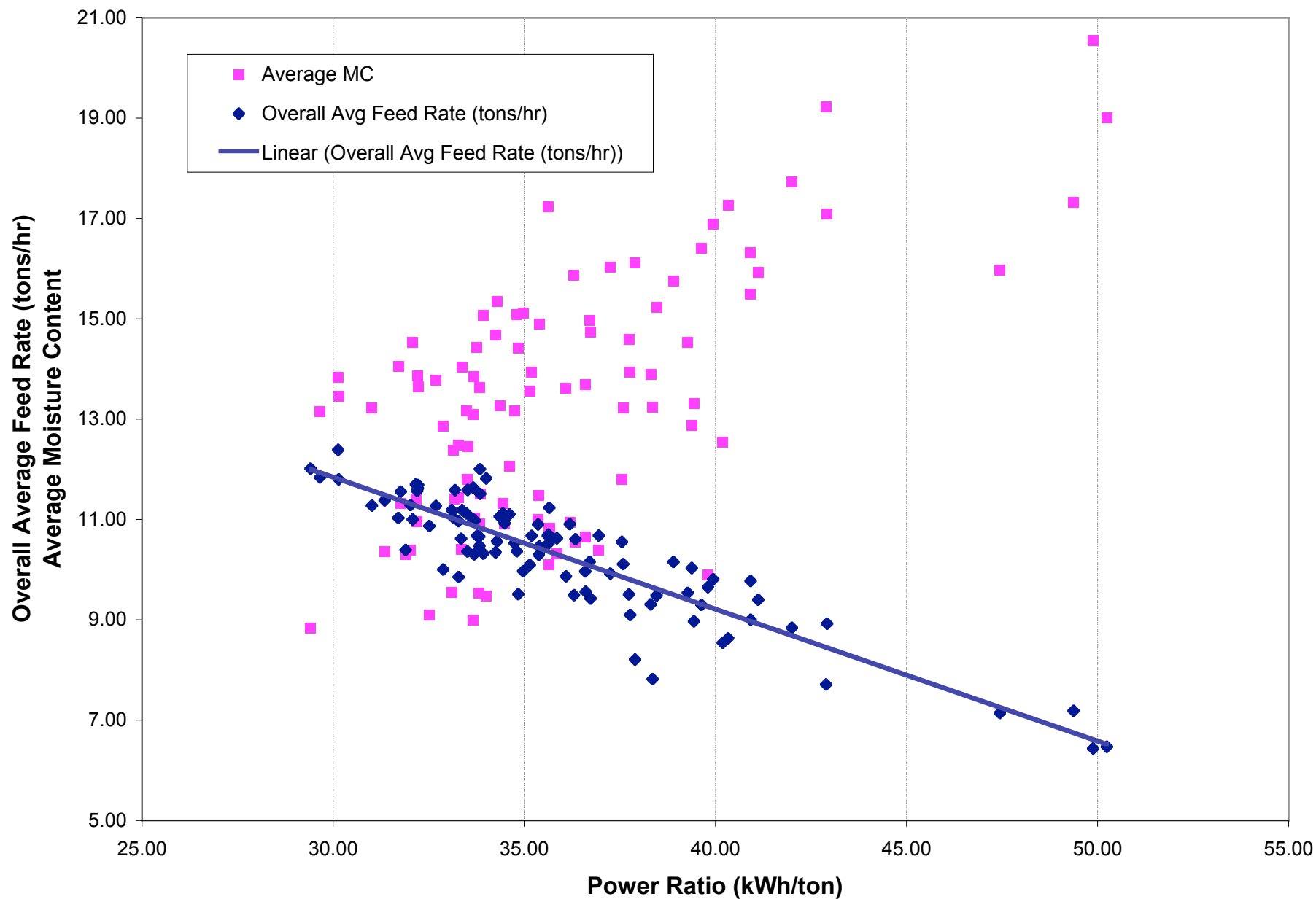
Sample of Data from Power analysis

Date	3/14/2006	3/14/2006	3/15/2006	3/15/2006	3/15/2006	—Date of sample
Start	0:30:00	11:00:00	0:01:00	6:15:00	1:00:00	} Time range for sample
End	6:30:00	16:00:00	6:01:00	12:15:00	7:00:00	
Duration	6:00:00	5:00:00	6:00:00	6:00:00	6:00:00	} Bales processed during sample period
Bale Count	134	93	166	111	163	
Average MC	13.69	16.88	13.14	16.03	13.46	} Data obtained from Daily Bale files written on client computer
Max MC	18	23	17	25	20	
Min MC	11	11	11	7	11	} Data obtained from Daily Bale files written on client computer
Median MC	13	17	13	16	13	
Modal MC	13	16	13	15	13	} Data obtained from Daily Bale files written on client computer
Std Dev MC	1.53	2.54	1.36	2.87	1.74	
Tons Processed	59.77	49.05	71.03	59.53	70.80	} Data obtained from Daily Bale files written on client computer
Average Weight (lbs)	892	1,055	856	1,073	869	
Overall Average Weight (lbs)	892	1,055	856	1,073	869	} Data obtained from Daily Bale files written on client computer
Max Weight (lbs)	1,132	1,178	1,094	1,325	1,236	
Min Weight (lbs)	807	816	791	796	791	} Data obtained from Daily Bale files written on client computer
Std Dev Weight	91	81.97	50	118	69.58	
Average Feed Rate (tons/hr)	13.31	12.66	11.88	12.62	12.10	} Data obtained from Daily Bale files written on client computer
Overall Avg Feed Rate (tons/hr)	9.96	9.81	11.84	9.92	11.80	
Max FR (tons/hr)	16.41	16.18	14.84	16.13	16.13	} Data obtained from Daily Bale files written on client computer
Min FR (tons/hr)	0.00	8.42	0.00	8.98	0.00	
Std Dev FR	1.39	1.45	1.16	1.32	1.27	} Data obtained from Daily Bale files written on client computer
DB Usage (kWh)	708.80	603.32	704.92	737.57	706.58	
HM Usage (kWh)	1478.67	1356.10	1401.41	1480.40	1427.63	} Calculated from daily power files written on client computer
DB Demand (kW)	118.13	120.66	117.49	122.93	117.76	
HM Demand (kW)	246.44	271.22	233.57	246.73	237.94	} Calculated from daily power files written on client computer
Power Ratio (kWh/ton)	36.60	39.95	29.65	37.26	30.14	
 DB Power Ratio (kWh/ton)	 11.86	 12.30	 9.92	 12.39	 9.98	
HM Power Ratio (kWh/ton)	24.74	27.65	19.73	24.87	20.16	

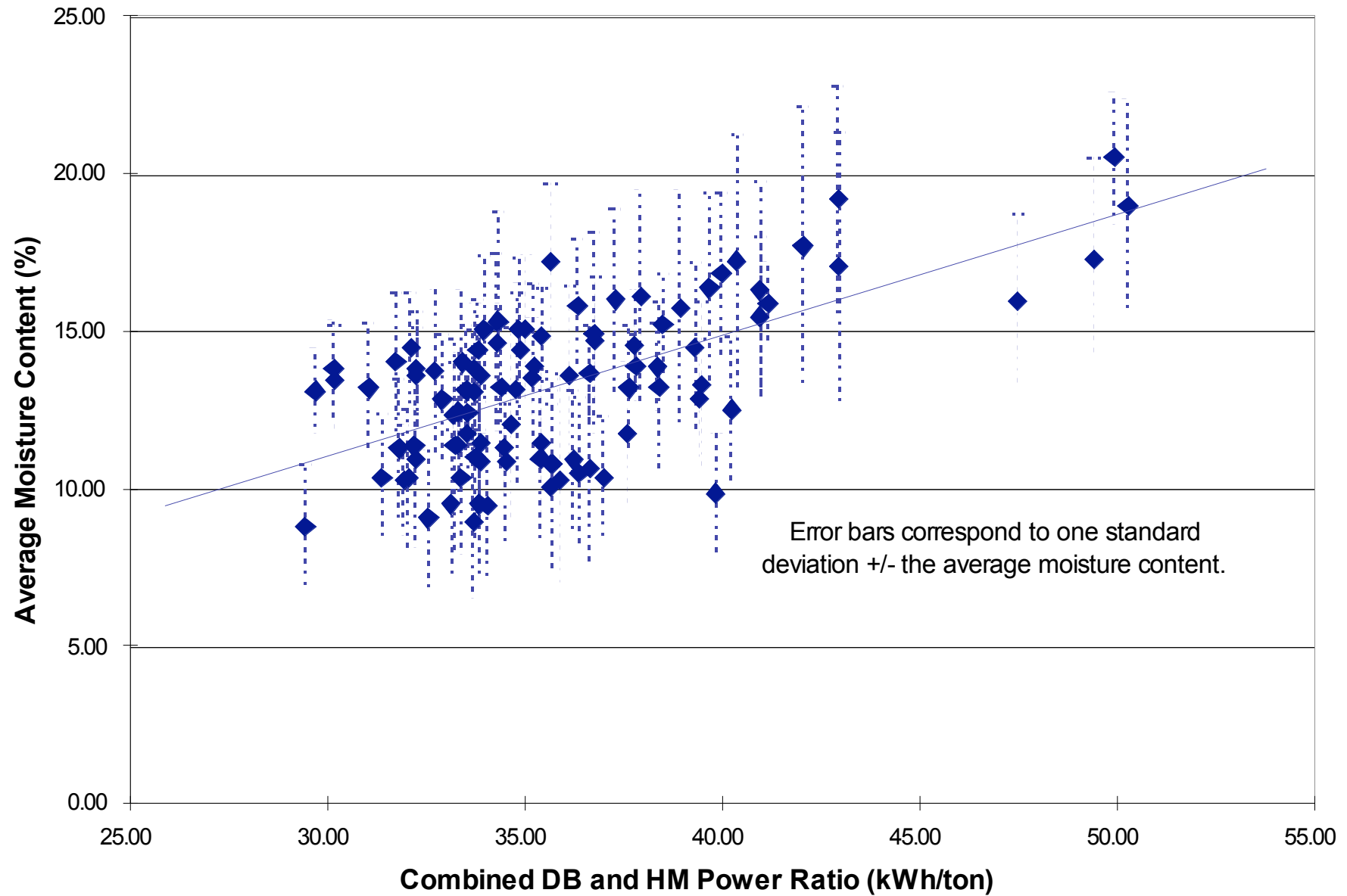
Overall Avg. Feed Rate vs. Average Moisture Content



Overall Avg. Feed Rate and Avg. Moisture Content vs.
DB and HM Power Ratio



Switchgrass Processing Facility - Power Analysis



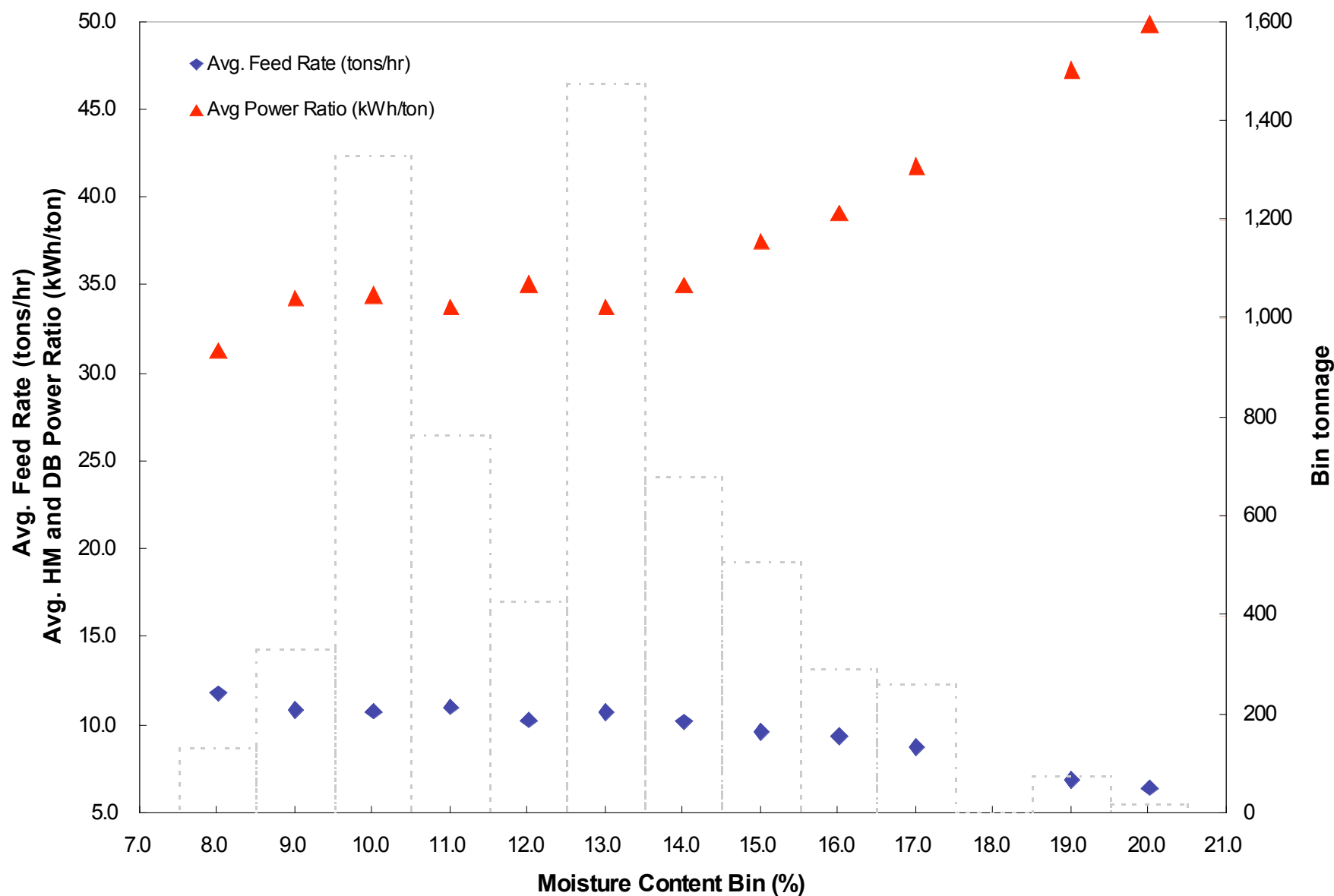
Avg. Moisture Content Range (%)	# Data Points ¹	Total Bales	Total Tons	Average Bale Weight (lbs)	Average Feed Rate (tons/hr) ²	Average Power Ratio (kWh/ton) ³
8.00 - 8.99	2	272	130.2	958	11.8	31.3
9.00 - 9.99	5	673	329.0	978	10.9	34.3
10.00 - 10.99	16	2783	1329.8	956	10.8	34.5
11.00 - 11.99	10	1624	762.2	939	11.0	33.8
12.00 - 12.99	7	850	429.5	1,011	10.3	35.1
13.00 - 13.99	23	3030	1472.2	972	10.7	33.8
14.00 - 14.99	11	1325	679.5	1,026	10.2	35.1
15.00 - 15.99	10	982	505.2	1,029	9.6	37.5
16.00 - 16.99	5	543	290.8	1,071	9.4	39.2
17.00 - 17.99	5	500	258.9	1,035	8.8	41.8
18.00 - 18.99	0	--	--	--	--	--
19.00 - 19.99	2	145	76.1	1,050	6.9	47.3
20.00 - 20.99	1	36	17.5	971	6.4	49.9

¹ Data Points correspond to extended periods of processing where switchgrass bale characteristics (ie. Moisture content) remained consistent. These periods generally ranged from 4 to 8 hours in length.

² Overall average feed rate: total tons processed divided by hours

³ Power ratio only for combination of debaler and eliminator

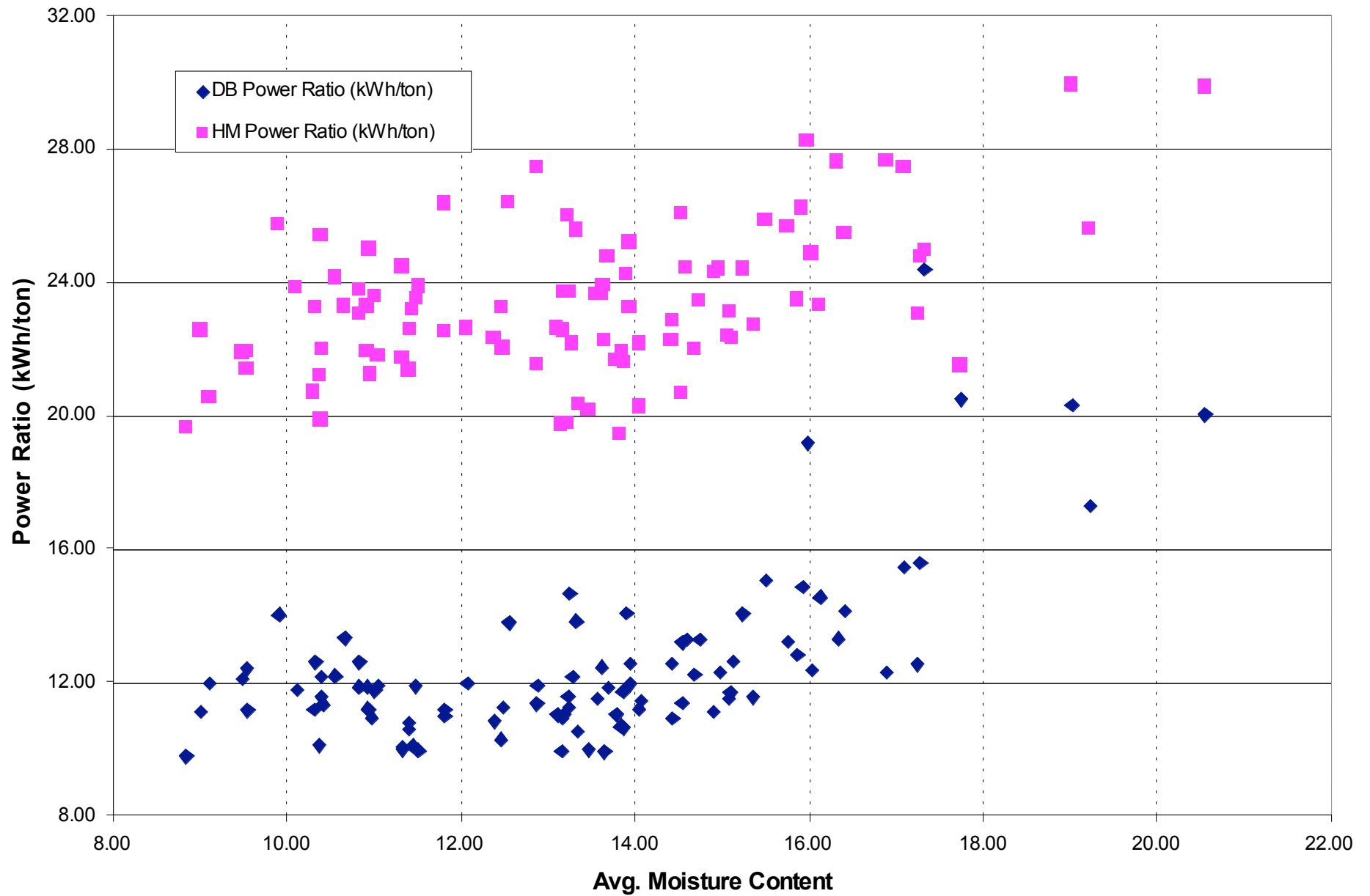
Feed Rate and HM/DB Power Ratio vs. Average Moisture Content



*Data points taken from previous slide

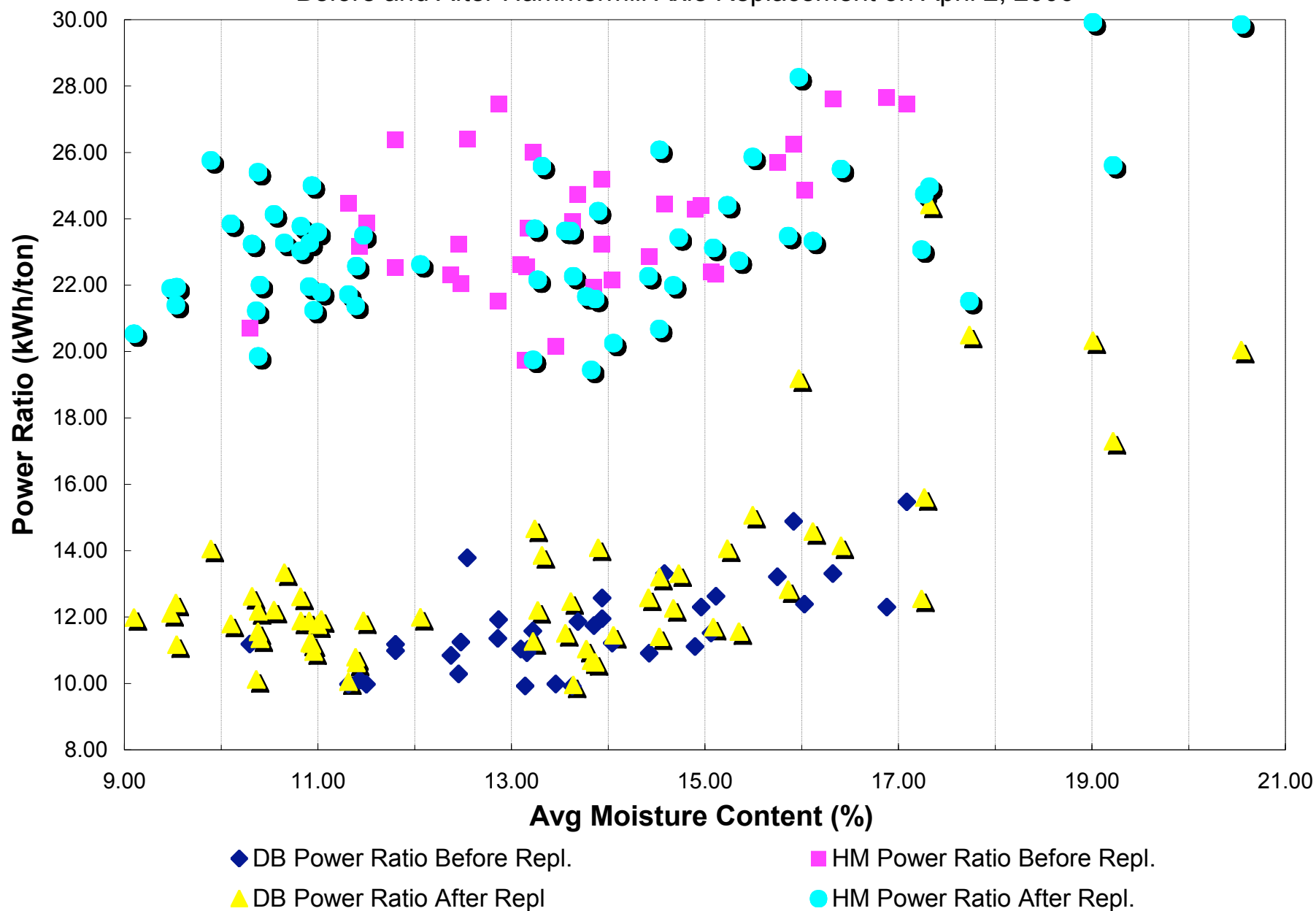
**Columns correspond to tonnage of switchgrass analyzed to get each data point

HM and DB Power Ratio vs. Avg. Moisture Content

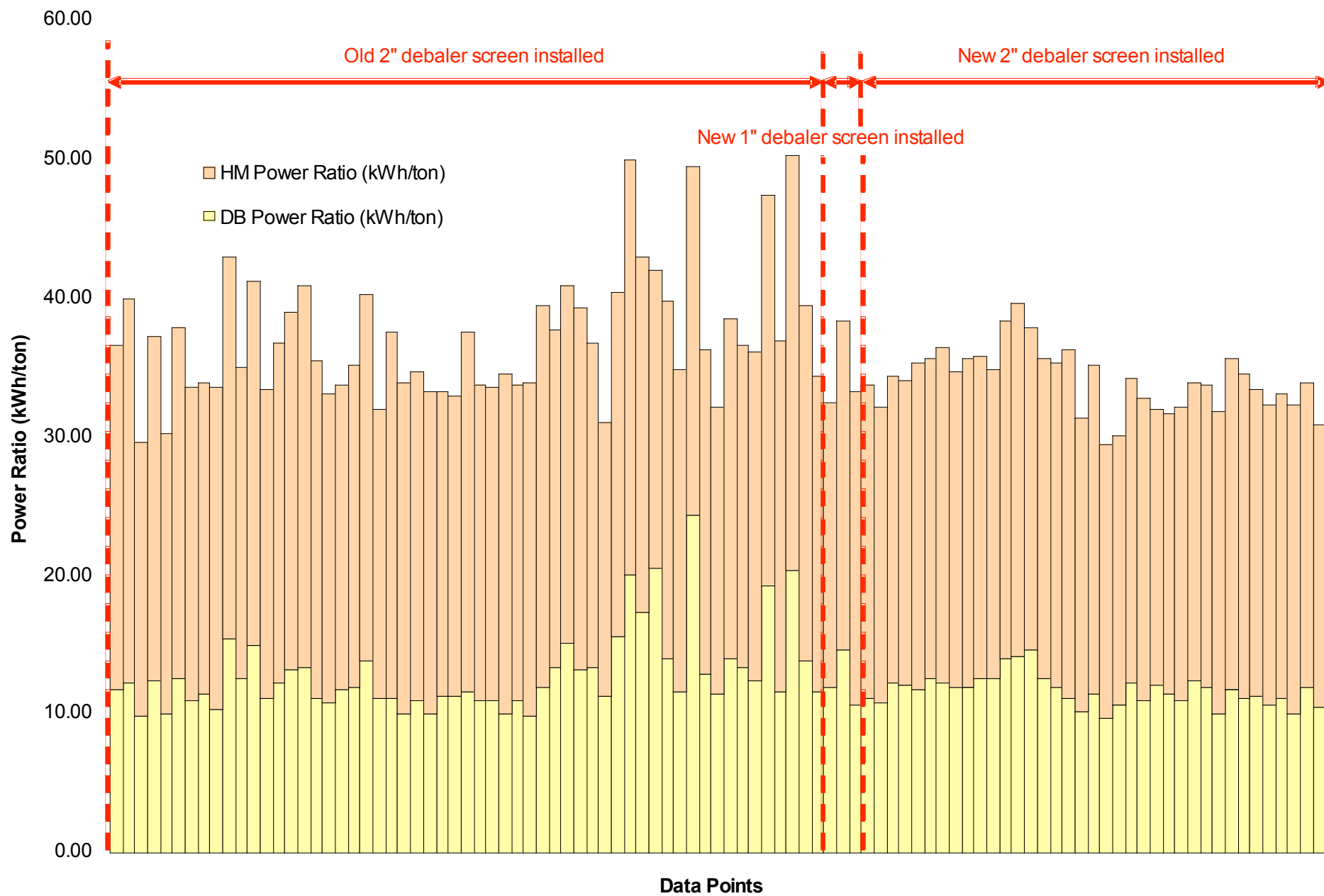


HM and DB Power Ratio vs. Avg. Moisture Content

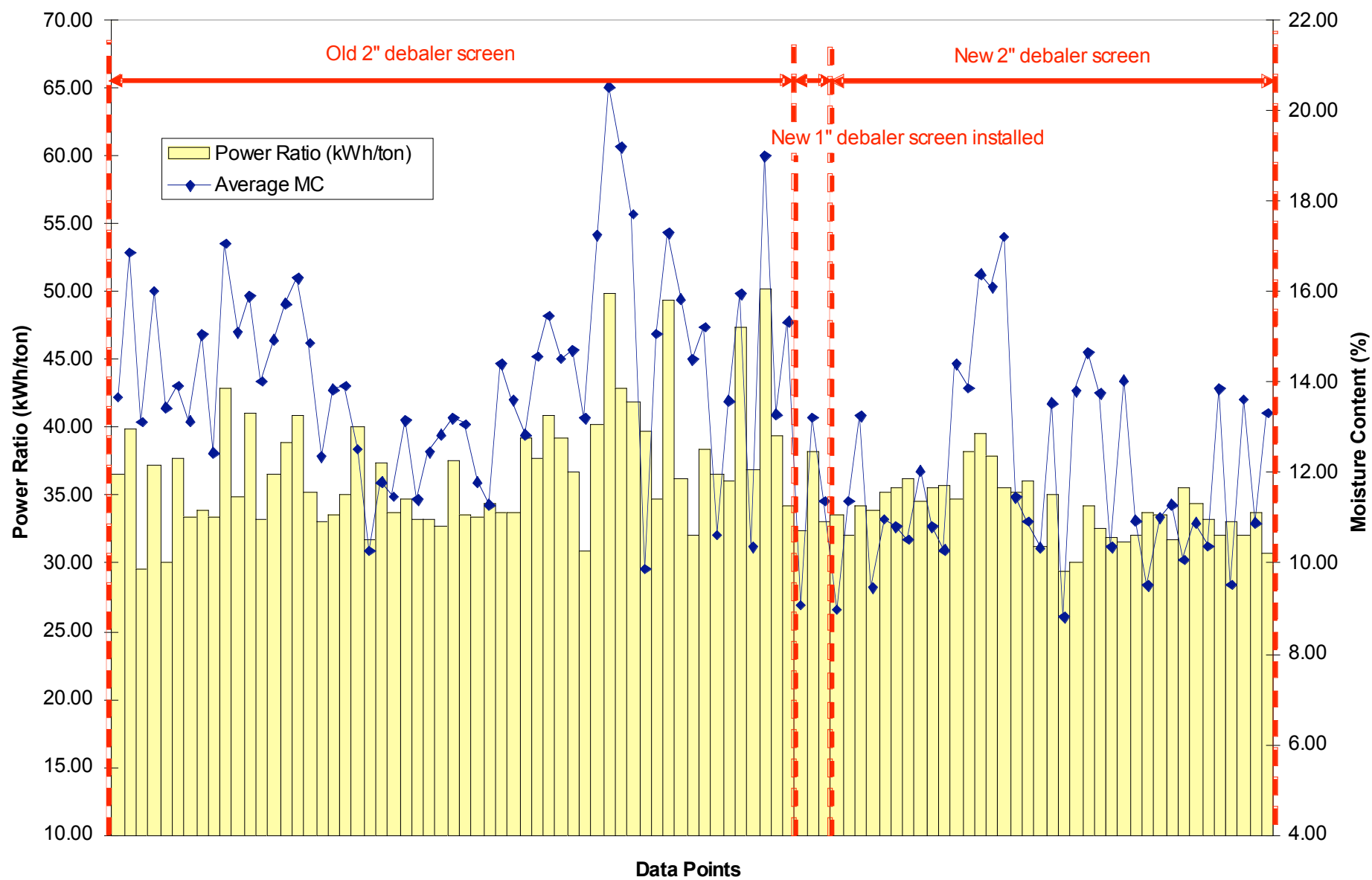
Before and After Hammermill Axle Replacement on April 2, 2006



Effect of Debaler Screen Changes on Power Ratio

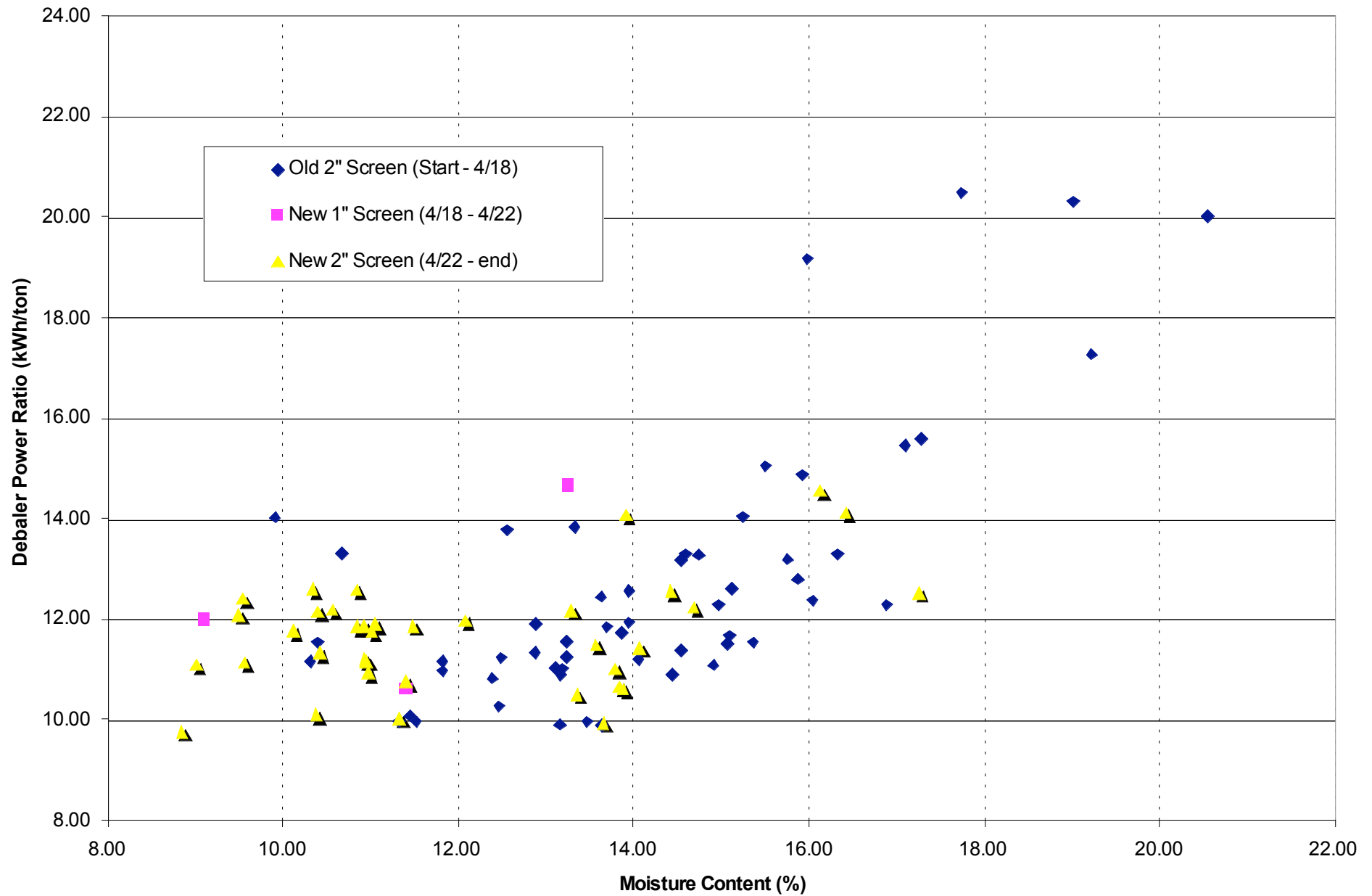


Effect of Debaler Screen Changes on Power Ratio



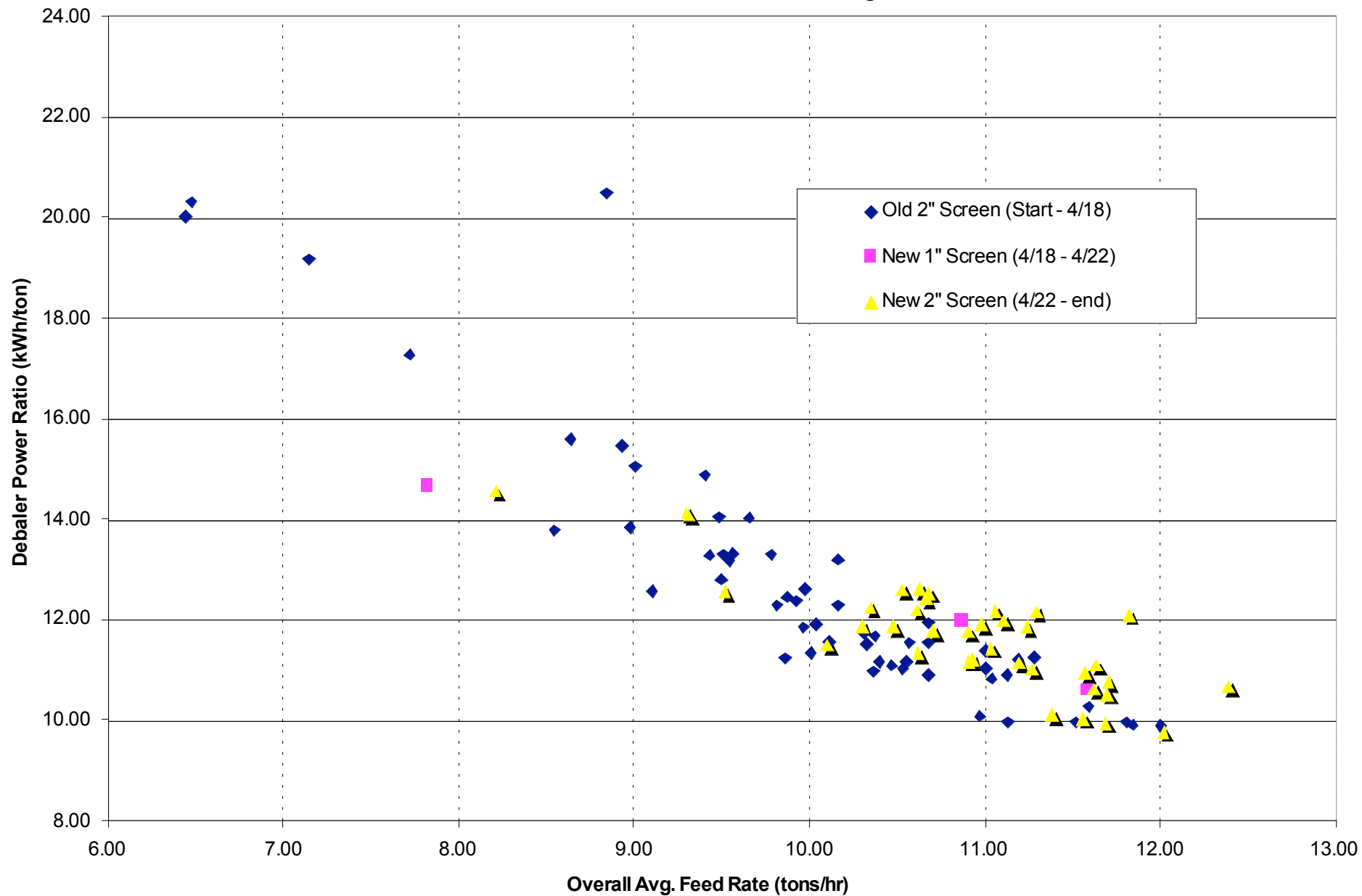
Debaler Power Ratio vs. Avg. Moisture Content

Shows debaler screen changes



Debaler Power Ratio vs. Overall Avg. Feed Rate

Shows debaler screen changes



Daily Debaler Fault Message Comparisons



Summary Table for Bale Batch Processing Tests April 20 - April 21

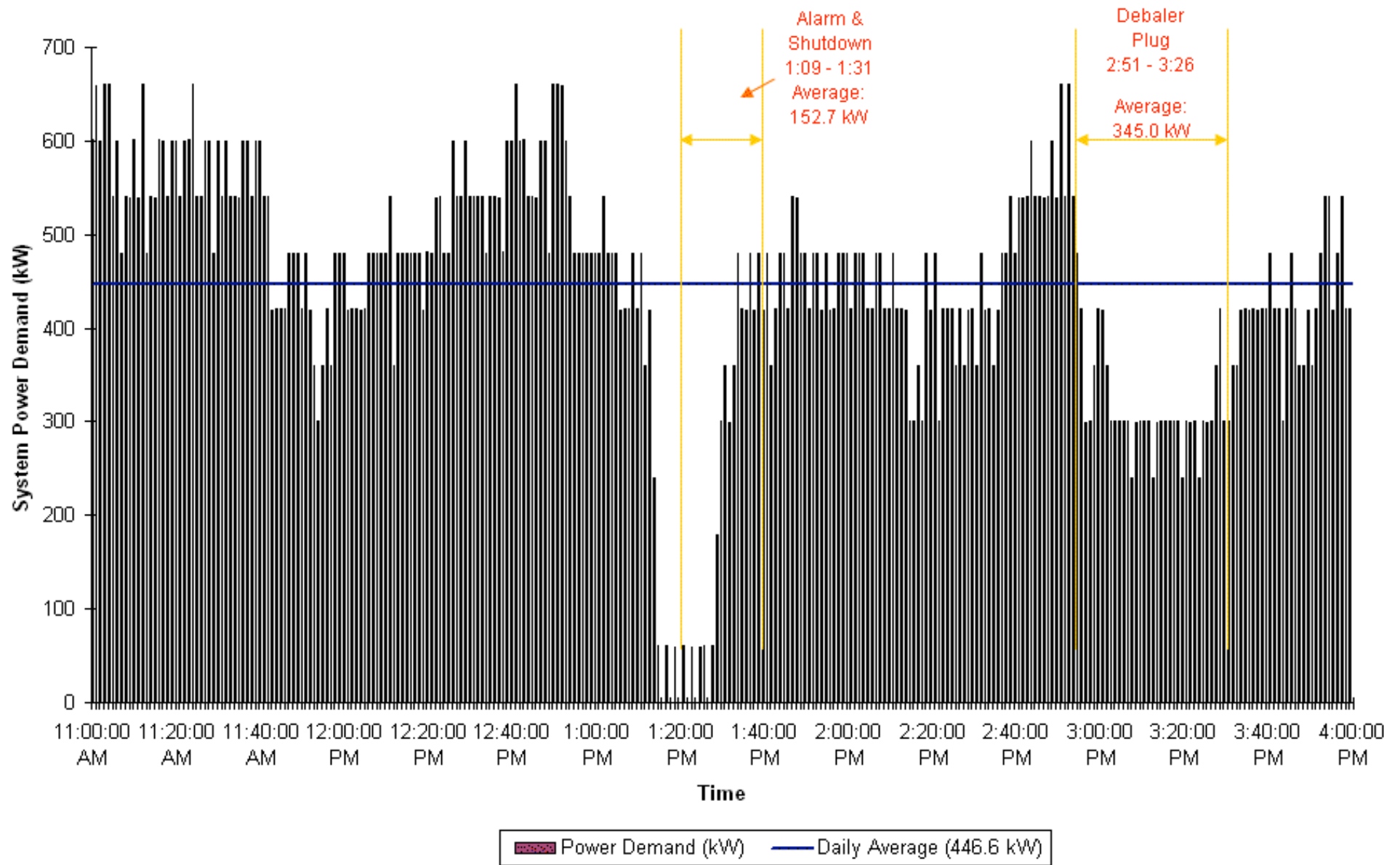
	Run 1 (High Switchgrass, Low Moisture)	Run 2 (High Switchgrass, High Moisture)	Run 3 (High Foxtail)	Run 4 (Loosely Packaged)	Run 5 ("Wildlife Mix")	Run 6 (Bottom Bales)
Testing Period	10:33 AM - 12:41 PM	12:43 PM - 4:10 PM	4:25 PM - 7:48 PM	11:00 AM - 12:32 PM	12:35 PM - 1:56 PM	1:58 PM - 3:42 PM
Run Time (hours)	2.1	2.5	3	1.1	1.4	0.7
Down Time (hours)	-	0.6	-	0.4	-	1
Bales Processed	50	46	45	38	39	39
Bales Processed (tons)	24.3	24.6	24	17.2	17.5	18.9
Ave. Weight (lbs)	1,152	1,068	1,068	903	899	969
Ave Moisture (%)	9%	16%	17%	9%	12%	14%
Moisture Range	5% - 18%	12% - 22%	7% - 25%	5% - 14%	7% - 15%	0% - 20%
Ave. Feed Rate (tons/hr)	11.4	7.9	7.9	11.1	13	10.9
Power Consumption (kWh)	1,127	1,377	1,521	793	737	830
Power Consumption (kWh/ton)	46	56	63	46	42	44
Elec. Premium (\$/ton)*	-	\$0.60	\$1.10	\$0.00	(\$0.30)	(\$0.20)
Reduced Feed Rate (tons/hr)	-	3.50	3.50	0.30	(1.50)	(0.60)
Reduced Feed Rate Cost (\$/hr)**	-	\$193.00	\$193.00	\$18.00	(\$84.00)	\$31.00
Reduced Feed Rate Premium (\$/ton)	-	\$24.43	\$24.43	\$1.62	(\$6.46)	\$2.84

Note: All comparisons are done relative to Run # 1

* Assuming 0.065 \$/kWh electricity rate

** Assuming 55 \$/ton contract value

Power Demand vs. Time on April 20, 2006



CHARITON VALLEY BIOMASS PROJECT

Comparison of Coal-only vs. Cofire Operations : All Selected Periods

		Flow & Load Parameters				Air Emissions		
	Date & Time	% Coal Flow	% OGS Air Flow	Gross Plant Load, MW	Net Plant Load, MW	NOx, lb/MMBtu	SO2, lb/MMBtu	Opacity, %
COFIRING OPERATION: Biomass Feed Rate = 10.7 ton/hr								
Period Start Time	2/24/06 10:51	73.9%	72.4%	594.4	553.3	0.34	0.62	14.4%
Period Stop Time	5/9/06 16:46							
COAL-ONLY OPERATION: Biomass Feed Rate = 0.3 ton/hr								
Period Start Time	2/24/06 7:26	75.9%	73.4%	597.4	556.1	0.36	0.63	13.2%
Period Stop Time	5/9/06 15:51							
Parameter Differences: Cofire vs Coal Only Operations								
Cofire minus Coal-only Operations		-2.0%	-1.0%	(3.0)	(2.8)	(0.02)	(0.01)	1.2%
		Percent Difference in Emissions ==>				-6.3%	-1.5%	9.4%

NOTE:

Parameters tabulated above are AVERAGES for the specified time periods.

Summary Statistics:	
Decreased Coal Flow When Cofiring:	2.0%
Increased Gross Load When Cofiring:	-0.5%
Gross Power from Coal During Cofiring:	581.9 MW
Estimated Gross Power from Switchgrass:	12.5 MW
Decrease in SO2 when Cofiring:	0.01 lb/MMBtu = 1%
Decrease in NOx when Cofiring:	0.02 lb/MMBtu = 6%
Increase in Opacity when Cofiring:	1.2% (a 9% increase)