

Riverside  
Title V / TRI Raw Throughput Data  
For the Year

2002

Emission Point 001 Emission Unit 1  
Boiler 9

Actual Throughput

362,530.70 Tons Coal  
8672 Ave Btu/lb  
4.05 % Ash  
28.48 % Moisture

% of Operating Time  
Hours per Day  
Days per Week  
Weeks per Quarter

	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
% of Operating Time	28.0%	28.0%	26.0%	18.0%
Hours per Day	24	24	24	24
Days per Week	7	7	7	7
Weeks per Quarter	12.0	13.0	13.0	9.0

Actual Throughput

34.95 lb/MMcf Natural Gas

% of Operating Time  
Hours per Day  
Days per Week  
Weeks per Quarter

	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
% of Operating Time	28.0%	28.0%	26.0%	18.0%
Hours per Day	24	24	24	24
Days per Week	7	7	7	7
Weeks per Quarter	12.0	13.0	13.0	9.0

Actual Throughput

0 Gallons Waste Oil  
3 % Ash  
0.5 % sulfur

% of Operating Time  
Hours per Day  
Days per Week  
Weeks per Quarter

	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
% of Operating Time	0.0%	0.0%	0.0%	0.0%
Hours per Day	0	0	0	0
Days per Week	0	0	0	0
Weeks per Quarter	0.0	0.0	0.0	0.0

Emission Point	001	Emission Unit	2		Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
Boiler 8								
Actual Throughput	54,324.76	Tons Coal	% of Operating Time	35.0%	24.0%	13.0%	28.0%	
	8672	Ave Btu/lb	Hours per Day	24	24	24	24	
	4.05	% Ash	Days per Week	7	7	7	7	
	28.48	% Moisture	Weeks per Quarter	13.0	9.0	5.0	12.0	
	0.32	% Sulfur						
Actual Throughput	134.694	lb/MMcf Natural Gas	% of Operating Time	35.0%	24.0%	13.0%	28.0%	
			Hours per Day	24	24	24	24	
			Days per Week	7	7	7	7	
			Weeks per Quarter	13.0	9.0	5.0	12.0	
Actual Throughput	0	Gallons Waste Oil	% of Operating Time	0.0%	0.0%	0.0%	0.0%	
	3	% Ash	Hours per Day	0	0	0	0	
	0.5	% sulfur	Days per Week	0	0	0	0	
			Weeks per Quarter	0.0	0.0	0.0	0.0	

Emission Point	001	Emission Unit	3		Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
Boiler 7								
Actual Throughput	53,168.92	Tons Coal	% of Operating Time	37.0%	22.0%	11.0%	30.0%	
	8672	Ave Btu/lb	Hours per Day	24	24	24	24	
	4.05	% Ash	Days per Week	7	7	7	7	
	28.48	% Moisture	Weeks per Quarter	13.0	8.0	5.0	11.0	
	0.32	% Sulfur						
Actual Throughput	131.83	lb/MMcf Natural Gas	% of Operating Time	37.0%	22.0%	11.0%	30.0%	
			Hours per Day	24	24	24	24	
			Days per Week	7	7	7	7	
			Weeks per Quarter	13.0	8.0	5.0	11.0	
Actual Throughput	0	Gallons Waste Oil	% of Operating Time	0.0%	0.0%	0.0%	0.0%	
	3	% Ash	Hours per Day	0	0	0	0	
	0.5	% sulfur	Days per Week	0	0	0	0	
			Weeks per Quarter	0.0	0.0	0.0	0.0	
Actual Throughput	0.00	gallons Waste Solvent	% of Operating Time	0.0%	0.0%	0.0%	0.0%	
			Hours per Day	0	0	0	0	
			Days per Week	0	0	0	0	
			Weeks per Quarter	0.0	0.0	0.0	0.0	

Emission Point Boiler 6	002	Emission Unit	4					
Actual Throughput	8,090.92	Tons Coal		% of Operating Time	Jan-Mar 7.0%	Apr-Jun 0.0%	Jul-Sep 66.0%	Oct-Dec 27.0%
	8672	Ave Btu/lb		Hours per Day	1	0	24	24
	4.05	% Ash		Days per Week	1	0	3	7
	28.48	% Moisture		Weeks per Quarter	2.0	0.0	4.0	2.0
	0.32	% Sulfur						
Actual Throughput	20.061	lb/MMcf Natural Gas		% of Operating Time	Jan-Mar 7.0%	Apr-Jun 0.0%	Jul-Sep 66.0%	Oct-Dec 27.0%
				Hours per Day	1	0	24	24
				Days per Week	1	0	3	7
				Weeks per Quarter	2.0	0.0	4.0	2.0
Emission Point Coal unloading (includes reclaim to pit)	003	Emission Unit	5					
Actual Throughput	629,757.00	Tons Coal		% of Operating Time	Jan-Mar 29.0%	Apr-Jun 25.0%	Jul-Sep 24.0%	Oct-Dec 22.0%
				Hours per Day	10	10	10	10
				Days per Week	6	6	6	6
				Weeks per Quarter	13.0	13.0	13.0	13.0
Emission Point Stock-out Pile vehicle activity	004	Emission Unit	5					
Actual Throughput	1,111.00	vehicle hours		% of Operating Time	Jan-Mar 28.0%	Apr-Jun 26.0%	Jul-Sep 22.0%	Oct-Dec 24.0%
				Hours per Day	6	6	6	6
				Days per Week	6	6	6	6
				Weeks per Quarter	13.0	13.0	13.0	13.0

Emission Point Stock-out Pile boom conveyor	005A	Emission Unit	6A					
Actual Throughput	151,772.30	Tons Coal		% of Operating Time	Jan-Mar 28.0%	Apr-Jun 26.0%	Jul-Sep 22.0%	Oct-Dec 24.0%
				Hours per Day	6	6	6	6
				Days per Week	6	6	6	6
				Weeks per Quarter	13.0	13.0	13.0	13.0

Emission Point Stock-out Pile pile deposit	005B	Emission Unit	6B					
Actual Throughput	151,772.30	Tons Coal		% of Operating Time	Jan-Mar 28.0%	Apr-Jun 26.0%	Jul-Sep 22.0%	Oct-Dec 24.0%
				Hours per Day	6	6	6	6
				Days per Week	6	6	6	6
				Weeks per Quarter	13.0	13.0	13.0	13.0

Emission Point wind erosion	005B	Emission Unit	6C					
Actual Throughput	4.70	acres		% of Operating Time	Jan-Mar 25.0%	Apr-Jun 25.0%	Jul-Sep 25.0%	Oct-Dec 25.0%
				Hours per Day	24	24	24	24
				Days per Week	7	7	7	7
				Weeks per Quarter	13.0	13.0	13.0	13.0

Emission Point S Belt to Boom Belt	005C	Emission Unit	6D					
Actual Throughput	151,772.30	Tons Coal		% of Operating Time	Jan-Mar 28.0%	Apr-Jun 26.0%	Jul-Sep 22.0%	Oct-Dec 24.0%
				Hours per Day	6	6	6	6
				Days per Week	6	6	6	6
				Weeks per Quarter	13.0	13.0	13.0	13.0

Emission Point	006	Emission Unit	7					
Junction Tower dust collector					Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
Actual Throughput	629,757.00	Tons Coal		% of Operating Time	29.0%	25.0%	24.0%	22.0%
				Hours per Day	10	10	10	10
				Days per Week	7	7	7	7
				Weeks per Quarter	13.0	13.0	13.0	13.0
Emission Point	8A	Emission Unit	9					
Coal handling Tripper area					Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
Actual Throughput	478,115.30	Tons Coal		% of Operating Time	30.0%	25.0%	24.0%	21.0%
				Hours per Day	3	3	3	3
				Days per Week	7	7	7	7
				Weeks per Quarter	13.0	13.0	13.0	13.0
Emission Point	9	Emission Unit	10A					
Flyash storage silo bin vent					Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
Actual Throughput	17,945.60	Tons Fly Ash		% of Operating Time	33.0%	21.0%	28.0%	18.0%
				Hours per Day	24	24	24	24
				Days per Week	7	7	7	7
				Weeks per Quarter	13.0	13.0	13.0	13.0
Emission Point	10	Emission Unit	10B					
#9 ash blower					Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
Actual Throughput	13,602.70	Tons Fly Ash		% of Operating Time	28.0%	21.0%	25.0%	26.0%
				Hours per Day	24	24	24	24
				Days per Week	7	7	7	7
				Weeks per Quarter	13.0	13.0	13.0	13.0

Emission Point 800# ash blower Actual Throughput	11	Emission Unit	10C					
		4,342.90 Tons Fly Ash		% of Operating Time	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
					32.0%	15.0%	14.0%	39.0%
				Hours per Day	24	24	24	24
				Days per Week	7	7	7	7
				Weeks per Quarter	13.0	13.0	13.0	13.0
Emission Point Rotary unloader - flyash silo Actual Throughput	12	Emission Unit	10D					
		0.00		% of Operating Time	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
					0.0%	0.0%	0.0%	0.0%
		Tons Fly Ash		Hours per Day	0	0	0	0
				Days per Week	0	0	0	0
				Weeks per Quarter	0.0	0.0	0.0	0.0
Emission Point Active Ash Pond Actual Throughput	13	Emission Unit	14A					
		21.00 Acres		% of Operating Time	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
					25.0%	25.0%	25.0%	25.0%
				Hours per Day	24	24	24	24
				Days per Week	7	7	7	7
				Weeks per Quarter	13.0	13.0	13.0	13.0
Emission Point Ash silo unloading Actual Throughput	14	Emission Unit	10E					
		17,945.60 Tons Fly Ash		% of Operating Time	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
					33.0%	21.0%	28.0%	18.0%
				Hours per Day	24	24	24	24
				Days per Week	7	7	7	7
				Weeks per Quarter	13.0	13.0	13.0	13.0

Emission Point 15 Emission Unit 14B  
 Active Ash Pond truck loading  
 Actual Throughput 6,155.00 Tons Fly Ash

	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
% of Operating Time	0.0%	18.0%	0.0%	82.0%
Hours per Day	0	8	0	8
Days per Week	0	5	0	5
Weeks per Quarter	0.0	1.0	0.0	2.0

Emission Point 16 Emission Unit 15A  
 Temporay Ash Storage erosion  
 Actual Throughput 13.00 Acres

	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
% of Operating Time	25.0%	25.0%	25.0%	25.0%
Hours per Day	24	24	24	24
Days per Week	7	7	7	7
Weeks per Quarter	13.0	13.0	13.0	13.0

Emission Point 17 Emission Unit 15B  
 Temporay Ash Storage truck unloading  
 Actual Throughput 0.00 Tons Ash

	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
% of Operating Time	0.0%	0.0%	0.0%	0.0%
Hours per Day	0	0	0	0
Days per Week	0	0	0	0
Weeks per Quarter	0.0	0.0	0.0	0.0

Emission Point 22 Emission Unit 27  
 Sandblasting (outside)  
 Actual Throughput 0.00 lbs abrasive sand

	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
% of Operating Time	0.0%	0.0%	0.0%	0.0%
Hours per Day	0	0	0	0
Days per Week	0	0	0	0
Weeks per Quarter	0.0	0.0	0.0	0.0

Emission Point	35	Emission Unit	42A					
Process heater vaporizer #1 - 1 - LNG					Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
Actual Throughput	1.218 MMcf			% of Operating Time	100.0%	0.0%	0.0%	0.0%
				Hours per Day	24	0	0	0
				Days per Week	6	0	0	0
				Weeks per Quarter	2.0	0.0	0.0	0.0

Emission Point	36	Emission Unit	42B					
Process heater vaporizer #1 - 2 - LNG					Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
Actual Throughput	1.218 MMcf			% of Operating Time	100.0%	0.0%	0.0%	0.0%
				Hours per Day	24	0	0	0
				Days per Week	6	0	0	0
				Weeks per Quarter	2.0	0.0	0.0	0.0

Emission Point	37	Emission Unit	43A					
Process heater vaporizer #2 - 1 - LNG					Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
Actual Throughput	1.218 MMcf			% of Operating Time	100.0%	0.0%	0.0%	0.0%
				Hours per Day	24	0	0	0
				Days per Week	6	0	0	0
				Weeks per Quarter	2.0	0.0	0.0	0.0

Emission Point	38	Emission Unit	43B					
Process heater vaporizer #2 - 2 - LNG					Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
Actual Throughput	1.218 MMcf			% of Operating Time	100.0%	0.0%	0.0%	0.0%
				Hours per Day	24	0	0	0
				Days per Week	6	0	0	0
				Weeks per Quarter	2.0	0.0	0.0	0.0

Emission Point	39	Emission Unit	44
Regeneration heater - LNG			
Actual Throughput	2.671	MMcf	

	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
% of Operating Time	0.0%	30.0%	24.0%	46.0%
Hours per Day	0	24	24	24
Days per Week	0	7	7	7
Weeks per Quarter	0.0	8.0	5.0	11.0

TRI Data

RGS Fly Ash Sold	315 Tons
RGS Bottom Ash Sold	6,155 Tons
Fly Ash Shipped to LGS	17,631 Tons
Ash pond outflow	314.5 Million gallons/year