

# Southside Virginia Training Center

## Heating Plant Month Operations Report

10/31/2006  
11:59 PM  
Monthly Report

### Description

		Plant	Units		
Heating Degree Days		344.42	hdd		
Total Plant Steam Flow		12,809.26	klbs		
Steam Flow Per Heating Degree Day		37.2	klbs/hdd		
Total Condensate Return Water Flow		6,953.4	klbs		
Total Plant Gas Flow		14,207.91	kscf		
Total Plant Gas Cost		\$157,189.84	\$		
Total Plant Oil Flow		0.0	gals		
Total Plant Oil Cost		\$0.00	\$		
Total Plant Fuel Cost		\$157,189.84	\$		
Fuel Cost Per Heating Degree Day		\$456.39	\$/hdd		
Plant Average Steam Cost Per Degree Day		\$0.04	\$/klbs		
Total Plant Efficiency By I/O		88.3	%		
Condensate Transfer Pump #1 Run Time		295.8	hrs		
Condensate Transfer Pump #2 Run Time		281.7	hrs		
Condensate Transfer Pump #3 Run Time		168.1	hrs		
Boiler Feed Pump #1 Run Time		174.0	hrs		
Boiler Feed Pump #2 Run Time		174.9	hrs		
Boiler Feed Pump #3 Run Time		300.2	hrs		
Boiler Feed Pump #4 Run Time		95.8	hrs		
Fuel Oil Pump #1 Run Time		0.0	hrs		
Fuel Oil Pump #2 Run Time		0.0	hrs		
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	172.1	117.8	281.6	247.8	hrs
Steam Flow	3058.16	1341.59	4864.30	3545.21	klbs
Gas Flow	3605.06	1522.09	4907.95	4172.81	kscf
Natural Gas Cost	\$39,884.36	\$16,839.78	\$54,299.39	\$46,166.31	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$39,884.36	\$16,839.78	\$54,299.39	\$46,166.31	\$
Average Steam Cost	\$13.04	\$12.55	\$11.16	\$13.02	\$/klbs
Efficiency By Losses	82.1	81.6	82.2	82.6	%
Efficiency By I/O	83.1	86.3	97.1	83.2	%