

# Southside Virginia Training Center

## Heating Plant Month Operations Report

11/30/2007  
 11:59 PM  
 Monthly Report

### Description

	<b>Plant</b>				<b>Units</b>
Heating Degree Days	555.65				hdd
Total Plant Steam Flow	8,847.02				klbs
Steam Flow Per Heating Degree Day	15.9				klbs/hdd
Total Condensate Return Water Flow	0.0				klbs
Total Plant Gas Flow	9,999.34				kscf
Total Plant Gas Cost	\$110,626.06				\$
Total Plant Oil Flow	0.0				gals
Total Plant Oil Cost	\$0.00				\$
Total Plant Fuel Cost	\$110,626.06				\$
Fuel Cost Per Heating Degree Day	\$199.09				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.02				\$/klbs
Total Plant Efficiency By I/O	86.6				%
Condensate Transfer Pump #1 Run Time	173.1				hrs
Condensate Transfer Pump #2 Run Time	334.4				hrs
Condensate Transfer Pump #3 Run Time	212.1				hrs
Boiler Feed Pump #1 Run Time	424.6				hrs
Boiler Feed Pump #2 Run Time	27.0				hrs
Boiler Feed Pump #3 Run Time	176.8				hrs
Boiler Feed Pump #4 Run Time	91.5				hrs
Fuel Oil Pump #1 Run Time	0.0				hrs
Fuel Oil Pump #2 Run Time	0.0				hrs
	<b>Boiler 1</b>	<b>Boiler 2</b>	<b>Boiler 3</b>	<b>Boiler 4</b>	<b>Units</b>
Run Time	552.7	174.4	0.0	18.1	hrs
Steam Flow	6952.04	1894.51	0.00	0.47	klbs
Gas Flow	7788.30	2109.44	0.03	101.57	kscf
Natural Gas Cost	\$86,165.84	\$23,337.45	\$0.33	\$1,122.44	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$86,165.84	\$23,337.45	\$0.33	\$1,122.44	\$
Average Steam Cost	\$12.39	\$12.32	---	\$2,388.17	\$/klbs
Efficiency By Losses	82.7	82.3	81.7	82.7	%
Efficiency By I/O	87.4	88.0	0.0	0.5	%