

# Southside Virginia Training Center

## Heating Plant Month Operations Report

2/28/2007  
11:59 PM  
Monthly Report

### Description

	Plant	Units			
Heating Degree Days	738.68	hdd			
Total Plant Steam Flow	15,977,310.00	klbs			
Steam Flow Per Heating Degree Day	25.6	klbs/hdd			
Total Condensate Return Water Flow	9,393.2	klbs			
Total Plant Gas Flow	18,426.88	kscf			
Total Plant Gas Cost	\$180,951.96	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$180,951.96	\$			
Fuel Cost Per Heating Degree Day	\$340.91	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.01	\$/klbs			
Total Plant Efficiency By I/O	83.5	%			
Condensate Transfer Pump #1 Run Time	212.1	hrs			
Condensate Transfer Pump #2 Run Time	261.4	hrs			
Condensate Transfer Pump #3 Run Time	258.5	hrs			
Boiler Feed Pump #1 Run Time	286.7	hrs			
Boiler Feed Pump #2 Run Time	209.8	hrs			
Boiler Feed Pump #3 Run Time	115.8	hrs			
Boiler Feed Pump #4 Run Time	119.9	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	324.7	232.8	188.5	340.0	hrs
Steam Flow	4236.20	4335.08	2449.94	4236.20	klbs
Gas Flow	4969.77	2969.60	2214.45	4969.77	kscf
Natural Gas Cost	\$54,982.87	\$53,873.99	\$24,499.72	\$54,982.87	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$54,982.87	\$53,873.99	\$24,499.72	\$54,982.87	\$
Average Steam Cost	\$12.98	\$12.98	\$12.18	\$12.98	\$/klbs
Efficiency By Losses	81.2	81.9	82.4	82.7	%
Efficiency By I/O	81.6	87.2	89.0	78.8	%