

Southside Virginia Training Center

Heating Plant Year Operations Report

12/31/2006
11:59 PM
Yearly Report

Description

	Plant	Units			
Heating Degree Days	4,043.13	hdd			
Total Plant Steam Flow	163,287.84	klbs			
Steam Flow Per Heating Degree Day	40.4	klbs/hdd			
Total Condensate Return Water Flow	69,564.3	klbs			
Total Plant Gas Flow	159,718.50	kscf			
Total Plant Gas Cost	\$1,767,050.52	\$			
Total Plant Oil Flow	166,593.1	gals			
Total Plant Oil Cost	\$354,832.60	\$			
Total Plant Fuel Cost	\$2,121,883.12	\$			
Fuel Cost Per Heating Degree Day	\$524.81	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.00	\$/klbs			
Total Plant Efficiency By I/O	87.5	%			
Condensate Transfer Pump #1 Run Time	2,272.2	hrs			
Condensate Transfer Pump #2 Run Time	3,678.2	hrs			
Condensate Transfer Pump #3 Run Time	2,760.0	hrs			
Boiler Feed Pump #1 Run Time	2,494.6	hrs			
Boiler Feed Pump #2 Run Time	3,377.5	hrs			
Boiler Feed Pump #3 Run Time	2,411.1	hrs			
Boiler Feed Pump #4 Run Time	1,953.0	hrs			
Fuel Oil Pump #1 Run Time	61.2	hrs			
Fuel Oil Pump #2 Run Time	694.8	hrs			
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	2713.7	3480.7	2093.6	2867.0	hrs
Steam Flow	37311.96	53321.40	33660.08	38994.40	klbs
Gas Flow	39310.28	54434.47	26972.55	39001.20	kscf
Natural Gas Cost	\$434,907.91	\$602,238.04	\$298,413.99	\$431,490.58	\$
Oil Flow	25053.1	48030.1	42549.6	50960.4	gals
Oil Cost	\$53,362.82	\$102,300.44	\$90,629.38	\$108,539.96	\$
Total Fuel Cost	\$488,270.73	\$704,538.48	\$389,043.37	\$540,030.54	\$
Average Steam Cost	\$13.09	\$13.21	\$11.56	\$13.85	\$/klbs
Efficiency By Losses	82.1	82.2	82.8	83.3	%
Efficiency By I/O	85.4	85.5	100.4	83.0	%