Southside Virginia Training Center

Heating Plant Month Operations Report

11/30/2011
10:40 AM
Monthly Report

Description

	Plant	Units
Heating Degree Days	476.12	hdd
Total Plant Steam Flow	8,240.13	klbs
Steam Flow Per Heating Degree Day	17.3	klbs/hdd
Total Condensate Return Water Flow	189.6	klbs
Total Plant Gas Flow	9,950.60	kscf
Total Plant Gas Cost	$68,679.15	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$68,679.15	$
Fuel Cost Per Heating Degree Day	$144.25	$/hdd
Plant Average Steam Cost Per Degree Day	$0.02	$/klbs
Total Plant Efficiency By I/O	81.1	%
Condensate Transfer Pump #1 Run Time	167.7	hrs
Condensate Transfer Pump #2 Run Time	319.8	hrs
Condensate Transfer Pump #3 Run Time	240.5	hrs
Boiler Feed Pump #1 Run Time	147.0	hrs
Boiler Feed Pump #2 Run Time	0.0	hrs
Boiler Feed Pump #3 Run Time	260.3	hrs
Boiler Feed Pump #4 Run Time	321.2	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	195.8	131.8	171.2	249.3	hrs
Steam Flow	2228.82	1395.34	1909.81	2706.16	klbs
Gas Flow	2533.29	1895.18	2240.58	3281.55	kscf
Natural Gas Cost	$17,484.77	$13,080.63	$15,464.51	$22,649.24	$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	$0.00	$0.00	$0.00	$0.00	$
Total Fuel Cost	$17,484.77	$13,080.63	$15,464.51	$22,649.24	$
Average Steam Cost	$7.84	$9.37	$8.10	$8.37	$/klbs
Efficiency By Losses	83.1	78.4	82.8	81.7	%
Efficiency By I/O	86.2	72.1	83.5	80.8	%