Southside Virginia Training Center

Heating Plant Month Operations Report

12/31/2014
11:59 PM
Monthly Report

Description

	Plant	Units
Heating Degree Days	674.39	hdd
Total Plant Steam Flow	9,247.10	klbs
Steam Flow Per Heating Degree Day	13.8	klbs/hdd
Total Condensate Return Water Flow	390.6	klbs
Total Plant Gas Flow	10,618.82	kscf
Total Plant Gas Cost	$65,207.78	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$65,207.78	$
Fuel Cost Per Heating Degree Day	$97.89	$/hdd
Plant Average Steam Cost Per Degree Day	$0.01	$/klbs
Total Plant Efficiency By I/O	85.0	%
Condensate Transfer Pump #1 Run Time	339.6	hrs
Condensate Transfer Pump #2 Run Time	169.0	hrs
Condensate Transfer Pump #3 Run Time	234.6	hrs
Boiler Feed Pump #1 Run Time	167.9	hrs
Boiler Feed Pump #2 Run Time	167.0	hrs
Boiler Feed Pump #3 Run Time	244.0	hrs
Boiler Feed Pump #4 Run Time	167.0	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	167.0	167.0	237.0	196.0	hrs
Steam Flow	1299.60	2328.78	3200.23	2355.02	klbs
Gas Flow	1494.96	2867.47	3570.11	2168.43	kscf
Natural Gas Cost	$9,180.56	$17,610.22	$21,923.11	$16,494.15	$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	$0.00	$0.00	$0.00	$0.00	$
Total Fuel Cost	$9,180.56	$17,610.22	$21,923.11	$16,494.15	$
Average Steam Cost	$6.99	$7.43	$6.84	$7.07	$/klbs
Efficiency By Losses	82.7	77.6	82.9	82.2	%
Efficiency By I/O	86.0	80.9	87.9	85.0	%