Southside Virginia Training Center

Heating Plant Month Operations Report

9/30/2014
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Monthly Report

Description

	Plant	Units
Heating Degree Days	55.23	hdd
Total Plant Steam Flow	4,440.10	klbs
Steam Flow Per Heating Degree Day	80.4	klbs/hdd
Total Condensate Return Water Flow	251.6	klbs
Total Plant Gas Flow	5,828.23	kscf
Total Plant Gas Cost	$35,790.10	$
Total Plant Oil Flow	159.3	gals
Total Plant Oil Cost	$557.71	$
Total Plant Fuel Cost	$36,347.81	$
Fuel Cost Per Heating Degree Day	$658.12	$/hdd
Plant Average Steam Cost Per Degree Day	$0.15	$/klbs
Total Plant Efficiency By I/O	74.3	%
Condensate Transfer Pump #1 Run Time	267.0	hrs
Condensate Transfer Pump #2 Run Time	285.1	hrs
Condensate Transfer Pump #3 Run Time	166.6	hrs
Boiler Feed Pump #1 Run Time	218.9	hrs
Boiler Feed Pump #2 Run Time	164.2	hrs
Boiler Feed Pump #3 Run Time	167.6	hrs
Boiler Feed Pump #4 Run Time	167.2	hrs
Fuel Oil Pump #1 Run Time	0.0	hrs
Fuel Oil Pump #2 Run Time	4.1	hrs

	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	228.4	181.2	175.2	185.2	hrs
Steam Flow	1315.22	1045.61	1034.68	1044.59	klbs
Gas Flow	1745.13	1445.85	1283.51	1353.74	kscf
Natural Gas Cost	$10,716.91	$8,878.55	$7,881.82	$8,312.82	$
Oil Flow	151.9	5.2	0.0	2.2	gals
Oil Cost	$531.63	$18.24	$0.00	$7.84	$
Total Fuel Cost	$11,248.54	$8,896.79	$7,881.82	$8,320.66	$
Average Steam Cost	$8.55	$8.51	$7.62	$7.97	$/klbs
Efficiency By Losses	82.2	76.3	82.9	81.6	%
Efficiency By I/O	72.9	70.8	78.9	75.5	%