Southside Virginia Training Center

Heating Plant Month Operations Report

11/30/2009
9:48 AM
Monthly Report

Description

	Plant	Units
Heating Degree Days	512.75	hdd
Total Plant Steam Flow	7,995.50	klbs
Steam Flow Per Heating Degree Day	16.2	klbs/hdd
Total Condensate Return Water Flow	141.4	klbs
Total Plant Gas Flow	9,260.21	kscf
Total Plant Gas Cost	$102,483.88	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$102,483.88	$
Fuel Cost Per Heating Degree Day	$207.78	$/hdd
Plant Average Steam Cost Per Degree Day	$0.02	$/klbs
Total Plant Efficiency By I/O	84.5	%
Condensate Transfer Pump #1 Run Time	312.7	hrs
Condensate Transfer Pump #2 Run Time	146.8	hrs
Condensate Transfer Pump #3 Run Time	268.2	hrs
Boiler Feed Pump #1 Run Time	199.7	hrs
Boiler Feed Pump #2 Run Time	175.2	hrs
Boiler Feed Pump #3 Run Time	175.2	hrs
Boiler Feed Pump #4 Run Time	177.5	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	172.2	218.8	179.0	171.5	hrs
Steam Flow	1751.50	2419.69	1872.25	1953.39	klbs
Gas Flow	1979.78	2762.59	2199.23	2331.06	kscf
Natural Gas Cost	$21,903.44	$30,563.89	$24,226.78	$25,789.77	$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	$0.00	$0.00	$0.00	$0.00	$
Total Fuel Cost	$21,903.44	$30,563.89	$24,226.78	$25,789.77	$
Average Steam Cost	$12.51	$12.63	$12.93	$13.20	$/klbs
Efficiency By Losses	83.1	81.6	82.0	82.2	%
Efficiency By I/O	86.6	85.8	83.8	82.1	%