Southside Virginia Training Center

Heating Plant Month Operations Report

12/1/2014
11:27 AM
Monthly Report

Description

	Plant	Units
Heating Degree Days	660.34	hdd
Total Plant Steam Flow	9,218.76	klbs
Steam Flow Per Heating Degree Day	14.0	klbs/hdd
Total Condensate Return Water Flow	204.6	klbs
Total Plant Gas Flow	10,658.01	kscf
Total Plant Gas Cost	$65,448.23	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$65,448.23	$
Fuel Cost Per Heating Degree Day	$99.11	$/hdd
Plant Average Steam Cost Per Degree Day	$0.01	$/klbs
Total Plant Efficiency By I/O	84.7	%
Condensate Transfer Pump #1 Run Time	339.6	hrs
Condensate Transfer Pump #2 Run Time	236.2	hrs
Condensate Transfer Pump #3 Run Time	154.2	hrs
Boiler Feed Pump #1 Run Time	184.0	hrs
Boiler Feed Pump #2 Run Time	224.1	hrs
Boiler Feed Pump #3 Run Time	154.8	hrs
Boiler Feed Pump #4 Run Time	164.8	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	186.1	194.5	232.9	181.1	hrs
Steam Flow	2398.54	2328.78	2631.95	1859.49	klbs
Gas Flow	2705.62	2857.86	2926.10	2168.43	kscf
Natural Gas Cost	$16,614.98	$17,549.25	$17,968.39	$13,315.61	$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	$0.00	$0.00	$0.00	$0.00	$
Total Fuel Cost	$16,614.98	$17,549.25	$17,968.39	$13,315.61	$
Average Steam Cost	$6.93	$7.54	$6.83	$7.16	$/klbs
Efficiency By Losses	82.7	77.3	83.0	82.1	%
Efficiency By I/O	86.8	79.8	88.1	84.0	%