Southside Virginia Training Center

Heating Plant Month Operations Report

4/30/2012
10:56 AM
Monthly Report

Description

	Plant	Units
Heating Degree Days	298.10	hdd
Total Plant Steam Flow	6,894.45	klbs
Steam Flow Per Heating Degree Day	23.1	klbs/hdd
Total Condensate Return Water Flow	206.1	klbs
Total Plant Gas Flow	8,296.61	kscf
Total Plant Gas Cost	$57,263.33	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$57,263.33	$
Fuel Cost Per Heating Degree Day	$192.09	$/hdd
Plant Average Steam Cost Per Degree Day	$0.03	$/klbs
Total Plant Efficiency By I/O	81.4	%
Condensate Transfer Pump #1 Run Time	332.3	hrs
Condensate Transfer Pump #2 Run Time	172.4	hrs
Condensate Transfer Pump #3 Run Time	224.8	hrs
Boiler Feed Pump #1 Run Time	168.8	hrs
Boiler Feed Pump #2 Run Time	172.6	hrs
Boiler Feed Pump #3 Run Time	167.0	hrs
Boiler Feed Pump #4 Run Time	221.2	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	327.3	181.5	228.0	0.0	hrs
Steam Flow	3062.26	1692.81	2139.38	0.00	klbs
Gas Flow	3592.62	2185.58	2518.41	0.00	kscf
Natural Gas Cost	$24,796.32	$15,084.86	$17,382.15	$0.00	$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	$0.00	$0.00	$0.00	$0.00	$
Total Fuel Cost	$24,796.32	$15,084.86	$17,382.15	$0.00	$
Average Steam Cost	$8.10	$8.91	$8.12	---	$/klbs
Efficiency By Losses	83.3	78.5	83.0	---	%
Efficiency By I/O	83.5	75.9	83.2	---	%