Southside Virginia Training Center

Heating Plant Month Operations Report

9/30/2010
8:43 AM
Monthly Report

Description

	Plant	Units
Heating Degree Days	35.41	hdd
Total Plant Steam Flow	4,009.55	klbs
Steam Flow Per Heating Degree Day	113.2	klbs/hdd
Total Condensate Return Water Flow	164.3	klbs
Total Plant Gas Flow	5,103.16	kscf
Total Plant Gas Cost	$56,459.05	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$56,459.05	$
Fuel Cost Per Heating Degree Day	$1,594.44	$/hdd
Plant Average Steam Cost Per Degree Day	$0.40	$/klbs
Total Plant Efficiency By I/O	76.9	%
Condensate Transfer Pump #1 Run Time	174.0	hrs
Condensate Transfer Pump #2 Run Time	335.0	hrs
Condensate Transfer Pump #3 Run Time	219.6	hrs
Boiler Feed Pump #1 Run Time	175.9	hrs
Boiler Feed Pump #2 Run Time	162.1	hrs
Boiler Feed Pump #3 Run Time	160.0	hrs
Boiler Feed Pump #4 Run Time	230.8	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	164.8	143.6	219.9	175.7	hrs
Steam Flow	924.11	837.11	1261.77	986.56	klbs
Gas Flow	1162.31	1068.29	1596.01	1276.55	kscf
Natural Gas Cost	$12,859.30	$11,819.09	$17,657.54	$14,123.12	$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	$0.00	$0.00	$0.00	$0.00	$
Total Fuel Cost	$12,859.30	$11,819.09	$17,657.54	$14,123.12	$
Average Steam Cost	$13.92	$14.12	$13.99	$14.32	$/klbs
Efficiency By Losses	80.4	78.3	82.5	81.9	%
Efficiency By I/O	77.9	76.7	77.4	75.7	%