Southside Virginia Training Center

Heating Plant Day Operations Report

2/29/2012
10:54 AM
Monthly Report

Description

	Plant	Units
Heating Degree Days	669.98	hdd
Total Plant Steam Flow	9,799.51	klbs
Steam Flow Per Heating Degree Day	14.6	klbs/hdd
Total Condensate Return Water Flow	151.0	klbs
Total Plant Gas Flow	11,492.32	kscf
Total Plant Gas Cost	$79,319.97	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$79,319.97	$
Fuel Cost Per Heating Degree Day	$118.39	$/hdd
Plant Average Steam Cost Per Degree Day	$0.01	$/klbs
Total Plant Efficiency By I/O	83.5	%
Condensate Transfer Pump #1 Run Time	246.4	hrs
Condensate Transfer Pump #2 Run Time	167.6	hrs
Condensate Transfer Pump #3 Run Time	288.1	hrs
Boiler Feed Pump #1 Run Time	247.2	hrs
Boiler Feed Pump #2 Run Time	155.1	hrs
Boiler Feed Pump #3 Run Time	266.1	hrs
Boiler Feed Pump #4 Run Time	35.7	hrs
Fuel Oil Pump #1 Run Time	0.1	hrs
Fuel Oil Pump #2 Run Time	0.1	hrs

	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	310.5	230.2	175.3	0.0	hrs
Steam Flow	4089.39	3298.09	2412.03	0.00	klbs
Gas Flow	4563.99	4144.08	2784.25	0.00	kscf
Natural Gas Cost	$31,500.65	$28,602.40	$19,216.92	$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	$31,500.65	$28,602.40	$19,216.92	$0.00	$
Average Steam Cost	$7.70	$8.67	$7.97	---	$/klbs
Efficiency By Losses	83.2	77.5	82.5	---	%
Efficiency By I/O	87.7	77.9	84.8	---	%