Southside Virginia Training Center

Heating Plant Month Operations Report

2/28/2014
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Monthly Report

Description

	Plant	Units
Heating Degree Days	768.38	hdd
Total Plant Steam Flow	10,414.70	klbs
Steam Flow Per Heating Degree Day	13.6	klbs/hdd
Total Condensate Return Water Flow	177.4	klbs
Total Plant Gas Flow	12,449.31	kscf
Total Plant Gas Cost	$76,448.03	$
Total Plant Oil Flow	0.0	gals
Total Plant Oil Cost	$0.00	$
Total Plant Fuel Cost	$76,448.03	$
Fuel Cost Per Heating Degree Day	$99.49	$/hdd
Plant Average Steam Cost Per Degree Day	$0.01	$/klbs
Total Plant Efficiency By I/O	81.9	%
Condensate Transfer Pump #1 Run Time	300.8	hrs
Condensate Transfer Pump #2 Run Time	205.5	hrs
Condensate Transfer Pump #3 Run Time	167.5	hrs
Boiler Feed Pump #1 Run Time	222.0	hrs
Boiler Feed Pump #2 Run Time	114.1	hrs
Boiler Feed Pump #3 Run Time	160.7	hrs
Boiler Feed Pump #4 Run Time	175.5	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	180.8	319.5	0.0	203.2	hrs
Steam Flow	2604.11	5267.06	0.00	2543.53	klbs
Gas Flow	2913.96	6482.49	0.00	3052.86	kscf
Natural Gas Cost	$17,893.91	$39,807.21	$0.00	$18,746.91	$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	$0.00	$0.00	$0.00	$0.00	$
Total Fuel Cost	$17,893.91	$39,807.21	$0.00	$18,746.91	$
Average Steam Cost	$6.87	$7.56	---	$7.37	$/klbs
Efficiency By Losses	83.3	78.6	---	82.4	%
Efficiency By I/O	87.5	79.6	---	81.6	%