Southside Virginia Training Center

Heating Plant Year Operations Report

12/31/2013
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Yearly Report

Description

	Plant	Units
Heating Degree Days	4,458.22	hdd
Total Plant Steam Flow	86,057.09	klbs
Steam Flow Per Heating Degree Day	19.3	klbs/hdd
Total Condensate Return Water Flow	2,914.0	klbs
Total Plant Gas Flow	103,041.73	kscf
Total Plant Gas Cost	$694,418.23	$
Total Plant Oil Flow	0.3	gals
Total Plant Oil Cost	$1.28	$
Total Plant Fuel Cost	$694,419.51	$
Fuel Cost Per Heating Degree Day	$155.76	$/hdd
Plant Average Steam Cost Per Degree Day	$0.00	$/klbs
Total Plant Efficiency By I/O	81.8	%
Condensate Transfer Pump #1 Run Time	2,903.8	hrs
Condensate Transfer Pump #2 Run Time	2,914.0	hrs
Condensate Transfer Pump #3 Run Time	2,914.4	hrs
Boiler Feed Pump #1 Run Time	2,207.7	hrs
Boiler Feed Pump #2 Run Time	2,143.1	hrs
Boiler Feed Pump #3 Run Time	2,183.7	hrs
Boiler Feed Pump #4 Run Time	2,210.3	hrs
Fuel Oil Pump #1 Run Time	0.3	hrs
Fuel Oil Pump #2 Run Time	0.0	hrs

	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	2310.1	2177.1	2497.9	1955.5	hrs
Steam Flow	22153.47	21395.98	23596.72	18910.92	klbs
Gas Flow	26066.42	27020.45	27347.48	22607.38	kscf
Natural Gas Cost	$175,548.31	$182,276.80	$184,860.98	$151,732.14	$
Oil Flow	0.1	0.1	0.1	0.1	gals
Oil Cost	$0.32	$0.32	$0.32	$0.32	$
Total Fuel Cost	$175,548.63	$182,277.12	$184,861.30	$151,732.46	$
Average Steam Cost	$7.92	$8.52	$7.83	$8.02	$/klbs
Efficiency By Losses	83.1	78.7	82.1	82.4	%
Efficiency By I/O	83.2	77.5	84.5	81.9	%