Southside Virginia Training Center

Heating Plant Year Operations Report

12/31/2014
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Yearly Report

Description

	Plant	Units
Heating Degree Days	4,586.06	hdd
Total Plant Steam Flow	87,652.99	klbs
Steam Flow Per Heating Degree Day	19.1	klbs/hdd
Total Condensate Return Water Flow	2,750.5	klbs
Total Plant Gas Flow	101,808.20	kscf
Total Plant Gas Cost	$625,182.55	$
Total Plant Oil Flow	29,593.7	gals
Total Plant Oil Cost	$116,658.51	$
Total Plant Fuel Cost	$741,841.06	$
Fuel Cost Per Heating Degree Day	$161.76	$/hdd
Plant Average Steam Cost Per Degree Day	$0.00	$/klbs
Total Plant Efficiency By I/O	81.1	%
Condensate Transfer Pump #1 Run Time	2,951.8	hrs
Condensate Transfer Pump #2 Run Time	2,854.6	hrs
Condensate Transfer Pump #3 Run Time	2,899.6	hrs
Boiler Feed Pump #1 Run Time	2,247.6	hrs
Boiler Feed Pump #2 Run Time	2,265.8	hrs
Boiler Feed Pump #3 Run Time	2,151.4	hrs
Boiler Feed Pump #4 Run Time	2,059.5	hrs
Fuel Oil Pump #1 Run Time	0.6	hrs
Fuel Oil Pump #2 Run Time	204.2	hrs

	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	3163.0	2110.9	1856.0	2144.1	hrs
Steam Flow	30944.22	21961.60	15440.00	19307.17	klbs
Gas Flow	36404.42	25443.96	17975.94	21983.88	kscf
Natural Gas Cost	$223,553.82	$156,244.77	$110,386.79	$134,997.17	$
Oil Flow	153.9	18233.4	186.3	11020.1	gals
Oil Cost	$539.89	$73,598.84	$689.40	$41,830.38	$
Total Fuel Cost	$224,093.71	$229,843.61	$111,076.19	$176,827.55	$
Average Steam Cost	$7.24	$10.47	$7.19	$9.16	$/klbs
Efficiency By Losses	83.0	77.7	82.7	82.2	%
Efficiency By I/O	83.2	76.9	84.0	80.4	%