Southside Virginia Training Center

Heating Plant Month Operations Report

1/31/2014
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Monthly Report

Description

	Plant	Units
Heating Degree Days	1,071.17	hdd
Total Plant Steam Flow	12,772.19	klbs
Steam Flow Per Heating Degree Day	11.9	klbs/hdd
Total Condensate Return Water Flow	163.6	klbs
Total Plant Gas Flow	11,014.23	kscf
Total Plant Gas Cost	$67,635.86	$
Total Plant Oil Flow	28,954.4	gals
Total Plant Oil Cost	$114,421.01	$
Total Plant Fuel Cost	$182,056.87	$
Fuel Cost Per Heating Degree Day	$169.96	$/hdd
Plant Average Steam Cost Per Degree Day	$0.01	$/klbs
Total Plant Efficiency By I/O	83.3	%
Condensate Transfer Pump #1 Run Time	336.4	hrs
Condensate Transfer Pump #2 Run Time	188.5	hrs
Condensate Transfer Pump #3 Run Time	244.3	hrs
Boiler Feed Pump #1 Run Time	172.6	hrs
Boiler Feed Pump #2 Run Time	242.6	hrs
Boiler Feed Pump #3 Run Time	184.8	hrs
Boiler Feed Pump #4 Run Time	167.4	hrs
Fuel Oil Pump #1 Run Time	0.5	hrs
Fuel Oil Pump #2 Run Time	190.1	hrs

	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	253.6	295.5	181.6	86.0	hrs
Steam Flow	3989.67	4987.34	2518.56	1276.62	klbs
Gas Flow	4367.02	3691.34	2860.80	95.07	kscf
Natural Gas Cost	$26,816.81	$22,667.57	$17,567.56	$583.92	$
Oil Flow	2.0	18114.3	69.4	10768.7	gals
Oil Cost	$7.96	$73,181.95	$280.53	$40,950.57	$
Total Fuel Cost	$26,824.77	$95,849.52	$17,848.09	$41,534.49	$
Average Steam Cost	$6.72	$19.22	$7.09	$32.53	$/klbs
Efficiency By Losses	83.3	80.6	81.9	85.6	%
Efficiency By I/O	89.5	78.9	85.9	79.1	%