

# Southside Virginia Training Center

## Heating Plant Month Operations Report

3/31/2015  
 11:59 PM  
 Monthly Report

**Description**

	Plant				Units
Heating Degree Days	621.55				hdd
Total Plant Steam Flow	9,425.59				klbs
Steam Flow Per Heating Degree Day	15.2				klbs/hdd
Total Condensate Return Water Flow	234.9				klbs
Total Plant Gas Flow	9,929.84				kscf
Total Plant Gas Cost	\$60,977.30				\$
Total Plant Oil Flow	8,440.8				gals
Total Plant Oil Cost	\$29,593.45				\$
Total Plant Fuel Cost	\$90,570.75				\$
Fuel Cost Per Heating Degree Day	\$145.72				\$/hdd
Plant Average Steam Cost Per Degree Day	\$0.02				\$/klbs
Total Plant Efficiency By I/O	83.2				%
Condensate Transfer Pump #1 Run Time	308.5				hrs
Condensate Transfer Pump #2 Run Time	275.3				hrs
Condensate Transfer Pump #3 Run Time	155.6				hrs
Boiler Feed Pump #1 Run Time	0.0				hrs
Boiler Feed Pump #2 Run Time	294.3				hrs
Boiler Feed Pump #3 Run Time	275.8				hrs
Boiler Feed Pump #4 Run Time	170.2				hrs
Fuel Oil Pump #1 Run Time	0.0				hrs
Fuel Oil Pump #2 Run Time	62.5				hrs
	<b>Boiler 1</b>	<b>Boiler 2</b>	<b>Boiler 3</b>	<b>Boiler 4</b>	<b>Units</b>
Run Time	191.8	244.7	154.6	206.7	hrs
Steam Flow	1988.23	3090.14	2021.72	2325.50	klbs
Gas Flow	2334.35	2522.16	2294.31	2779.02	kscf
Natural Gas Cost	\$14,335.23	\$15,487.86	\$14,088.87	\$17,065.34	\$
Oil Flow	0.1	8301.7	139.0	0.1	gals
Oil Cost	\$0.30	\$29,056.06	\$536.79	\$0.30	\$
Total Fuel Cost	\$14,335.53	\$44,543.92	\$14,625.66	\$17,065.64	\$
Average Steam Cost	\$7.21	\$14.41	\$7.23	\$7.34	\$/klbs
Efficiency By Losses	82.7	80.8	82.5	82.2	%
Efficiency By I/O	83.4	82.5	85.6	81.9	%