

Southside Virginia Training Center

Heating Plant Month Operations Report

7/30/2011
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	1.64	hdd			
Total Plant Steam Flow	3,688.75	klbs			
Steam Flow Per Heating Degree Day	2,249.2	klbs/hdd			
Total Condensate Return Water Flow	191.1	klbs			
Total Plant Gas Flow	4,736.63	kscf			
Total Plant Gas Cost	\$32,692.32	\$			
Total Plant Oil Flow	0.1	gals			
Total Plant Oil Cost	\$0.20	\$			
Total Plant Fuel Cost	\$32,692.52	\$			
Fuel Cost Per Heating Degree Day	\$19,934.46	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$5.40	\$/klbs			
Total Plant Efficiency By I/O	76.3	%			
Condensate Transfer Pump #1 Run Time	207.7	hrs			
Condensate Transfer Pump #2 Run Time	173.4	hrs			
Condensate Transfer Pump #3 Run Time	336.7	hrs			
Boiler Feed Pump #1 Run Time	165.5	hrs			
Boiler Feed Pump #2 Run Time	175.7	hrs			
Boiler Feed Pump #3 Run Time	212.1	hrs			
Boiler Feed Pump #4 Run Time	164.4	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	155.4	185.7	186.1	166.7	hrs
Steam Flow	724.53	1016.26	1050.54	897.42	klbs
Gas Flow	1048.18	1252.52	1285.41	1150.52	kscf
Natural Gas Cost	\$7,234.73	\$8,644.89	\$8,871.82	\$7,940.88	\$
Oil Flow	0.0	0.0	0.0	0.1	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.20	\$
Total Fuel Cost	\$7,234.73	\$8,644.89	\$8,871.82	\$7,941.08	\$
Average Steam Cost	\$9.99	\$8.51	\$8.45	\$8.85	\$/klbs
Efficiency By Losses	82.1	78.4	82.8	82.0	%
Efficiency By I/O	67.7	79.5	80.0	76.4	%