

State of Illinois
Annual Power Plant Report Form
Steam Systems

Institution: _____

For July 1, 20____ **through June 30, 20**____

Boiler Pressure (psig): _____

Feedwater Temperature (°F): _____

Type of Fuel (gas, etc): _____

Steam temperature (°F): _____

Deaerator pressure (psig): _____

	1	2	3	4	5	6	7	8	9	10
Month	Steam generated (10 ⁶ lb)	Fuel burned (units)	Heating value (Btu/unit)	Fuel cost (\$)	Fuel input (10 ⁹ Btu)	Boiler output (10 ⁹ Btu)	Boiler efficiency (%)	Makeup water (10 ⁶ lb)	Makeup percentage (%)	Evaporation factor (lb/unit)
July										
August										
September										
October										
November										
December										
January										
February										
March										
April										
May										
June										
ANNUAL DATA	0	0	0	0	0	0	0	0	0	0

***Fuel Units**

coal = 10⁶ lb
oil = 10³ gal
gas = 10³ therms

****Heating Value of Fuel:**

coal = Btu/lb
oil = Btu/gallon
gas = Btu/Therm

*****Evaporation Factor:**

coal = lb steam/lb coal
oil = lb steam/gas oil
gas = lb steam/therm

Figure C-1