



PRO.THERM
 PROCESS AND THERMAL SYSTEMS
**STEAM GENERATION, HEAT TRANSFER
 & ENERGY CONSERVATION SPECIALISTS**

Protherm Boiler Economizer Data Sheet for One Economizer (Attach Additional Sheets if Needed)		
Manufacturer & Type of Boiler	FireTube/WaterTube	
Boiler Maximum Steam Capacity (LB/HR)		
Boiler Minimum Steam Capacity (LB/HR) (or Turndown)		
Boiler Design Pressure (PSIG)		
Boiler Operating Pressure (PSIG)		
Feedwater Pump Maximum Discharge Pressure (PSIG)		
Fuel(s) Burned		
Boiler Stack Temperature at High Fire (deg F)		
Boiler Stack Temperature at Low Fire (deg F)		
Feedwater Temperature Leaving Deaerator (deg F)		
Continuous Blowdown as % of Feedwater Rate (%)		
Fuel Cost Savings Calculation Data		
Hours Per Year Boiler Turned Off (Hours)		
Hours Per Year Boiler at 25% Firing Rate (Hours)		
Hours Per Year Boiler at 50% Firing Rate (Hours)		
Hours Per Year Boiler at 75% Firing Rate (Hours)		
Hours Per Year Boiler at 100% Firing Rate (Hours)		
Fuel Cost \$ /MMBTU for Nat Gas		
Hours per Year Running Gas (Hours)		
Fuel Cost \$ /MMBTU for Secondary Fuel (if applicable)		
Hours per Year Running Secondary Fuel (Hours)		
Accessories		
Provide Four Thermometers	Yes/No	
Provide Four RTD's with Displays	Yes/No	
Provide Safety Relief Valve	Yes/No	
Provide Modulating FW Level Control System	Yes/No	
If Supports, Transitions & Stack are Required-Continue		
Attach Drawing of Boiler w/ Flue Gas Outlet & Dims		
Specify Maximum Clear Height available above Boiler		
Provide Transition Boiler Outlet to Econ Inlet	Yes/No	
Provide Transition Econ Outlet to Stack	Yes/No	
Provide Stack	Yes/No	
Stack Height From Floor of Boiler Room (Ft)		
Provide Stack Cap	Yes/No	
Provide Roof Skirt	Yes/No	
Provide Stack Supports (Attach Description)	Yes/No	
Project Details		
Quantity of Units Required, Each per Above Data		
Need Proposal By (Date)		
Equipment On-Site Date		
Shipping Destination		
CONTACT INFORMATION		
Name:		E-mail:
Company:		Phone:
Address:		Cell:
		Fax: