



Elliott Company
 901 North Fourth Street
 Jeannette, PA 15644-1474 USA
 Toll Free 1-800-635-2208
 Fax (724) 600-8442

STEAM TURBINE GENERATOR SET INQUIRY GUIDE

Company Name _____ Date _____ Quote Due _____
 Address _____ City _____ State _____
 Zip _____ Phone _____ Email _____
 End User Co. _____ City _____ State _____
 Specifying Engineer Name _____ Phone _____

Qty. Req'd _____

List and/or Attach Additional Applicable Standards or Specifications

SPECIFIED CONDITIONS

	Rated	Maximum	Normal	Minimum	Units
Power (kW)					
Speed (RPM)					
<u>Steam Conditions</u>					
Inlet Pressure (PSIG)					
Inlet Temperature (F)					
Available Flow (Ft3/Hr)					
Exhaust Pressure (PSIG)					
Extraction (Yes/No)					
Extraction Pressure (PSIG)					
Extraction Temperature (F)					
Extraction Flow					
Controlled/Uncontrolled					

Duty

Continuous _____ Intermittent _____ Standby _____
 Emergency _____ Autostart _____ Manual Start _____
 Other _____

Evaluation

Approximate Steam Rate (Normal) Desired _____ Units _____
 Steam Cost \$ _____ Per Unit Flow _____
 Payout Period (No. of Years) _____
 Hours per Year of Operation _____
 Current Utility Rates _____
 Utility Payment Rate for _____
 Exported Power _____



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Generator Design Criteria

Synchronous _____ Induction _____
 Voltage _____ Hertz (Hz) _____
 Enclosure _____ Power Factor _____

Turbine Governing System

NEMA Class _____ "D" _____
 Manufacturer _____ Model _____

Site Environment

Ambient Temp: Average _____ Maximum _____ Minimum _____
 Elevation _____
 Area Classification: Non-Haz. _____
 Class _____ Group _____ Division _____

Environmental Protection at Site

Enclosed _____ Sheltered _____ Outdoor _____
 Other _____

Sound

Noise Limitations (dB) _____

Installation

Elliott Start Up Services (Y/N) _____

Project Timetable

Quote Due Date _____
 PO Issue Date _____
 Delivery Needed (weeks) _____
 Funding Approved (Y/N) _____
 Environmental Permits Granted
 (Y/N) _____

Goals for TG Set Use

Offset Utilities (Y/N) _____
 Export Power (Y/N) _____
 Co-Generation (Y/N) _____
 Other (List) _____

Switchgear

Switchgear supplied by others
 (Y/N) _____
 If by Elliott _____ kV _____ Amps _____ MVA

Remarks
