

# ORC System Questionnaire

Company Name : ..... Web site URL : .....

Contact Name : ..... Phone : .....

Installation Location : ..... Email : .....

Contact Name : ..... Phone : .....

Address : .....

.....

Country : ..... Zip Code : .....

Please fill in as much information as possible. Use additional sheets if necessary.  
Indicate data unit or options selected by circling the selected item or crossing out or deleting the item not selected.

1. Describe the Sources of Waste Heat: .....
  2. Liquid or gas used to supply heat to the ORC system?
 

<input type="checkbox"/>	Exhaust Gas	<input type="checkbox"/>	Low pressure steam	<input type="checkbox"/>	Thermal oil
<input type="checkbox"/>	Flue Gas	<input type="checkbox"/>	Pressurized Hot water		
  3. Temperature of Thermal Fluid supplied to ORC System.      \_\_, \_\_ °C    \_\_, \_\_ °F
  4. Temperature at which Thermal Fluid can be returned from the ORC system? [Min. or Max.]      \_\_, \_\_ °C    \_\_, \_\_ °F
  5. Mass Flow Rate of Thermal Fluid      \_\_, \_\_ kg/s    \_\_, \_\_ lb/s    \_\_, \_\_ kW    \_\_, \_\_ BTU/s  
Total Heat Available : .....
  6. Types of condenser       Water Cooled       Air Cooled
  7. Design Temperature of ambient air or cooling water      \_\_, \_\_ °C    \_\_, \_\_ °F
  8. Design Wet Bulb Temperature (If Possible)      \_\_, \_\_ °C    \_\_, \_\_ °F
  9. Design Dry Bulb Temperature (If Possible)      \_\_, \_\_ °C    \_\_, \_\_ °F
  10. Lowest Ambient Temperature in a year      \_\_, \_\_ °C    \_\_, \_\_ °F  
Highest Ambient Temperature in a year      \_\_, \_\_ °C    \_\_, \_\_ °F
- Required Voltage \_\_\_V     1 φ     3φ    Frequency :  50 Hz     60 Hz     DC  
Desired Net Output : \_\_\_\_\_ Kw

Are you planning to connect the power to an electrical grid?       Yes     No

Value of Electrical Energy in €/kW.hr: \_\_\_\_\_ Cost to buy \_\_\_\_\_ Tariff when fed back to Grid \_\_\_\_\_

Additional Comments : .....

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