

## Pre-Assessment General Energy Survey Questionnaire

Name: \_\_\_\_\_ Phone: \_\_\_\_\_

- 1) What are the primary products produced at your facility? \_\_\_\_\_
- 2) How many buildings, and what square footage, are located at the facility? \_\_\_\_\_

\_\_\_\_\_

- a. Are they on a separate meter from a residence? \_\_\_\_\_ How many meters? \_\_\_\_\_

- 3) What equipment uses the most energy? \_\_\_\_\_ Fuel source? \_\_\_\_\_

- 4) What is your average monthly diesel usage? \_\_\_\_\_ # of Vehicles? \_\_\_\_\_

- 5) Have you ever had an energy survey conducted at your business? \_\_\_\_\_

- a. If you answered yes than when was the audit conducted \_\_\_\_\_

- b. Who conducted the audit? \_\_\_\_\_

- 6) Lighting (Mark all that apply)

- a. What types of lights are primarily used indoors?

T12 florescent  T8 florescent  Incandescent  Compact fluorescent  other

- i. Are lights on sensors?  All  Some  None

- b. Are outdoor lights used during the night?  Yes  No; on sensors? \_\_\_\_\_

- i. What type of lights?

Mercury Vapor (MV)  High Pressure Sodium  Metal Halide  Incandescent

Other \_\_\_\_\_  Not Sure

- 7) Ventilation and Heating

- a. How many buildings are heated? \_\_\_\_\_ How many cooled? \_\_\_\_\_

- b. What type of heating systems? \_\_\_\_\_

- c. What type of cooling systems? \_\_\_\_\_

- d. How many fans are used for ventilation? \_\_\_\_\_ What sizes? \_\_\_\_\_

- 8) Water Pumping

- a. How many gallons per day (gpd) of water are pumped for your facility? \_\_\_\_\_

- b. How many, and what size are the pumps that are utilized? \_\_\_\_\_

- 9) Water Heating

- a. What is the estimated hot water usage per day? \_\_\_\_\_ gallons/day

- b. How many, and what type of water heaters are installed? \_\_\_\_\_  Natural Gas  Electric  Oil  Propane  Solar  Not Sure

- c. Is the water heater a High Efficiency model  Yes  No  Not Sure  Not Applicable

- d. Are there any waste heat recovery systems installed  Yes  No  Not Sure  N/A

- 10) Other

- a. How many motors/pumps? \_\_\_\_\_ Are any run by variable speed drives? \_\_\_\_\_

- b. Other energy uses? \_\_\_\_\_

Thank you; please send this questionnaire with 1-2 years of energy bills (electric, fuel & water) to: Curt Robbins, DRI, 2215 Raggio Parkway, Reno, NV 89512 or fax to: 775-674-7060. For any questions please contact Curt Robbins by email, [curt.robbs@dri.edu](mailto:curt.robbs@dri.edu) or phone: 775-674-7129.