



Bio-Gas Quick Intake Form for Feasibility Study

- 1. Name of Company:**
- 2. Address of Location:**

- 3. Contact Name:** **Phone:**
E-mail:

- 4. Inputs Manure:**
 - a. Manure? Which animal species (ex: Cow, Chicken etc.)**

 - b. % Moisture**

 - c. Tons per day?**

- 5. Inputs FIELD and other WASTE:**
 - a. How many tons of corn stalks per year?**
 - b. Or Other Crop Residue Waste Streams? Describe 'Waste' and how many tons per year.**
 - c. Other streams (ex: waste by products from livestock processing of crop processing, etc.**

- 6. After digesting, are you able to use the waste stream from the bio-Digester for fertilizer? Yes, or No?**
- 7. Would you like MTD to test the Bio-Gas stream for N-P-K MACROS AND MICROS nutrient levels. This stream usually saves the farm 25-30% of their fertilizer needed the following season.**

Use of Your Bio-Gas

1. Describe in detail the use for your Bio-Gas production?

- a. To Make Electricity: Tedom has Bio-Gas Gensets from 7 kW to 10 MW of Power.



- b. To use Bio-Gas to Heat and Cool?

- c. To Compress it? For self-use to replace propane tanks?

- d. OTHER:

2. A 50 Head Dairy can expect to produce 2,365ft³ Per day Bio-Gas

- a. \$3.80/1000ft³

- b. Natural Gas would be \$7.50/1000 ft³

- c. Propane Equivalent would be $1,000,000 \text{ BTU} / 91,500 = 11 \text{ gallons} \times \$2.31/\text{Gallon Propane} = \25.41

3. Contact MTD Engineering Department @ 317-934-5702 or Bill @ 765-541-1404-Mobile; Don @ 260-251-2459 Both VP Engineering