



**Operation & Maintenance Plan
Farmstead Energy Improvement (Code 374)**

Landowner/Operator:

Date:

NRCS Service Center:

Conservation District:

Practice Location:

Tract/Field ID:

(Lat/Long or UTM Coord, or Sec/TS/R)

Expected Lifespan

The minimum expected lifespan of this practice is at least 10 years.

Properly operated and maintained **Farmstead Energy Improvements** are an asset to your property. The purpose of this practice is for the development and implementation of improvements to reduce or improve the energy efficiency of on-farm energy use. The estimated life span of this practice is 10 years. The life of the practice can be assured and usually extended by developing and carrying out a good operation and maintenance program.

This practice will require you to perform periodic operation and maintenance to maintain satisfactory performance. The following are some requirements to help you develop a good operation and maintenance program.

Inspection and Maintenance

1. Inspect pumps, fans, lights, etc. for functionality on a regular basis in accordance to the manufacturer's specifications.
2. Repair and/or replace broken, squashed or weakened components.
3. Inspect a minimum of one time a year.
4. Maintain Records for a minimum of five years:
 - a. Document monthly implementation and maintenance of improvements.
 - b. Document monthly utility bills, fuel costs, and yield of agricultural commodities produced in the building.

Operation, Maintenance and Inspection Costs

1. It is estimated that the annual time to routinely inspect and make minor repairs to your Farmstead Energy Improvements will be:
 - a. Inspection = 2 hour/year/improvement
 - b. Minor Repairs = 2 hour/year/improvement
 - c. Major repairs or damage will require extra time and materials.
2. Most minor repairs can be made by the operator using basic hand tools. However, major repairs to electrical systems, motors, etc. may require hiring a professional experienced in these repairs and improvements.

Specific Requirements for Your Practice

1. _____
2. _____
3. _____
4. _____
5. _____

Specific Site Requirements