

**NATURAL RESOURCES CONSERVATION SERVICE
CONSERVATION PRACTICE SPECIFICATION
FARMSTEAD ENERGY IMPROVEMENT
CODE 374**

1. SCOPE

This specification sets forth requirements of needed to meet the Farmstead Energy Improvement standard.

2. EQUIPMENT AND MATERIAL

Equipment and material installed for this practice shall be in conformance with the energy audit completed through Conservation Activity Plan 122, 124, 128 and/or ASABE Standard S612, Performing On-farm Energy Audits.

3. INSTALLATION

Installation shall conform to all applicable NRCS standards and specifications, manufacture recommendations and guidance, codes, laws, and regulations.

4. SUBMITTALS

The Producer or Installer shall furnish the NRCS written certification from the manufacturer that furnished equipment and materials conform to the requirements of this specification and energy audit.

The Producer or Installer shall certify that the installation of all furnished equipment and material meets all codes, laws and regulations.

The Installer or Vendor shall furnish warranty certifications, spare parts lists, service bulletins/manuals, and instructions covering the operation and maintenance of the furnished equipment to Producer.

5. OPERATION AND MAINTENANCE

New, replacement, or retrofit systems and related components or devices shall be operated and maintained in accordance with the manufacturer's recommendations.

The following records will be kept, retained and updated for a minimum of five years from the beginning of operation of the installed new, replacement, or retrofitted system.

- Types and amounts of fuel used (gallons of fuel or BTU equivalents) in the system(s), or electricity used (kilowatt hours) for higher efficiency or on farm electrical generation that has replaced an existing system.
- Documentation of maintenance conducted on the new, replacement, or retrofitted system and related components or devices.

6. INSPECTION OF RECORDS

NRCS shall have the right to inspect the installed equipment and material throughout the life of this practice. For five years, NRCS shall have the right to review and inspect Producer records as outlined in Section 5, above.

NATURAL RESOURCES CONSERVATION SERVICE

Tennessee

OPERATION AND MAINTENANCE REQUIREMENTS

FARMSTEAD ENERGY IMPROVEMENT

CODE 374

Land Owner/Operator _____

County _____ SWCD _____ Farm/Tract No. _____

Prepared By _____ Date _____

OPERATION AND MAINTENANCE ITEMS

Properly operated and maintained farmstead energy improvements are an asset to the farm. This practice is used for the development and implementation of improvements to reduce, or improve the energy efficiency of, on-farm energy use. Estimated life span of this installation is at least 10 years. The life of the energy improvement practice can be assured and usually increased by developing and carrying out a systematic operation and maintenance program.

This practice will require periodic maintenance and may also require operational items to maintain satisfactory performance. Your operation and maintenance program requirements include:

- Replacement or retrofit systems and related components or devices shall be operated and maintained in accordance with the manufacturer’s recommendations.
- Maintain records to document the implementation of energy improvements. Retain and update records for a minimum of five years from the beginning of operation of measure implementation. Recommended records to be retained include:
 - monthly utility bills, fuel purchases, and yield of agricultural commodities.
 - documentation of maintenance conducted on the replacement, or retrofitted system and related components or devices.

Additional Operation and Maintenance Requirements Specific to this Plan: _____
