

NATURAL RESOURCES CONSERVATION SERVICE

VIRGINIA

OPERATION AND MAINTENANCE REQUIREMENTS

RENEWABLE ENERGY SYSTEM

CODE 716

Land Owner/Operator _____

County _____ SWCD _____ Farm/Tract No. _____

Prepared By _____ Date _____

OPERATION AND MAINTENANCE ITEMS

Properly operated and maintained renewable energy systems are an asset to the farm. This system will utilize renewable energy sources that meet some or all on-farm energy needs. Estimated life span of this installation is at least 10 years. The life of the renewable energy system practice can be assured and usually increased by developing and carrying out a systematic operation and maintenance program that is in accordance with the manufacturer's recommendations.

- Inspection and testing of all system components and appurtenances;
- Proper start-up and routine shutdown procedures for the operation of the system;
- Routine maintenance of all mechanical components;
- Periodic removal of fire hazard material from around the site;
- Routinely test and inspect all automation components of the system to assure they function as designed;
- Periodic inspection of all safety features to ensure they are in place and functional;
- Emergency shutdown procedures;
- Procedures to ensure proper training of operators; and
- Specific adjustments to the system appropriate to seasonal and daily changes in the renewable resource and other system operating conditions.

Additional Operation and Maintenance Requirements Specific to this Plan: _____

