



Irrigation System Conversion Grant Program

Background:

Grants are available to Delaware Electric Cooperative members for conversion of the irrigation pumps from diesel to electric. The grant provides 30% of the total non-utility cost of the conversion. Costs covered include parts and labor associated with electric motor and starter installation, removal of existing gear head and components, and electrician costs. This Cooperative program is funded through the State of Delaware’s Energy Efficiency Investment Fund.

Eligibility & Qualifications:

Systems which have a minimum of 40kW load are eligible for program funding. As a condition for non-utility grant qualification recipients must first be approved by DEC and meet the requirements of the DEC Irrigation System Grant Program.

Part 1 – DEC Irrigation System Grant Program

Completion and approval by DEC for utility funded grant is a prerequisite for the non-utility fund application.

PART 2- Grant Approval

Please return Part 1 (DEC Grant Contract) and Part 2 of the application and any attachments to Kevin Yingling at the Delaware Electric Cooperative. *Incomplete applications will not be accepted and will be returned to the applicant.*

Applicant Information

Applicant Name: _____
Mailing Address: _____
Phone Number: _____
E-mail Address: _____

Agricultural Information

Acres Irrigated: _____
Type of Irrigation System: _____
Total No. of Irrigation Pumps Owned: _____
County Tax Parcel(s) where system will be installed: _____
Physical location of Irrigation Pump (GPS coordinates): _____

Existing System Information

Diesel generator manufacturer and model: _____
Serial number: _____
Size (horsepower and kW rating): _____
Estimated Cost per year to operate: _____
Average hours of operation per year: _____
Hour meter reading: _____

New System Information

Name of Installer: _____
Manufacturer name and model of new electric motor: _____
New design rated capacity (kW and HP): _____
Total non-utility cost of conversion: _____
Grant amount requested: _____
Number of hours worked for conversion/installation: _____

Additional Information:

Please provide a copy of the following information with this document:

- 1. Copy of approved DEC Irrigation Grant Contract
- 2. Copy of installer quote for irrigation system electric conversion
- 3. Previous 12 months of fuel usage data (gallons and cost)
- 4. Copy of existing well allocation permit

PART 3- Grant Payment

After installation is complete, please complete the following to receive grant payment:

- 1. Submit the following to Kevin Yingling at DEC:
 - a. Copy of your award notice.
 - b. Copy of paid installer invoice.
 - c. Send evidence of diesel engine scraped (before and after pictures and scrap yard receipt)
OR Signed Low or No Use Exemption Form (attached).
- 2. Grant payments will be made through the State of Delaware. A complete W-9 must be submitted online <http://accounting.delaware.gov/w9.shtml>

Application Statement:

- 1. I certify the information provided in this application is accurate and true.
- 2. As required by law and under the appropriate rate schedule of DEC, I pay the State Public Utility Tax.
- 3. I certify that all the existing equipment/engines referred to in this application are operational.
- 4. I understand as a participant that programs have limited funds and shall terminate upon depletion of program funding.
- 5. I agree to the above statements by signing below.

Applicant Name (Print)

Applicant Signature **Date**



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Low or No-Use Engine Exemption Form

Irrigation System Conversion Grant Program participants are able to maintain the diesel engine on their premises with the condition the engine will be fully retired from use (no use) and used for parts or will be in use for a minimum number of hours per year for emergency back up only. Participants satisfying the below conditions can be exempt from the engine scrappage requirement of the grant award.

Low-Use Engine Exemption

- ✓ Applies to diesel irrigation engines whose maximum annual usage will be reduced to a small fraction (less than 100 hrs/yrs) of the typical usage (~500 hrs/yr) for the engine source category.
- ✓ These engines may not be used on a regular basis from year-to-year.
- ✓ DNREC has the right to request additional information or documentation to verify usage.

By signing below, I agree to the terms listed above.

Applicant Name (Print)

Applicant Signature

Date