



Commercial & Industrial
Custom Energy Efficiency Grant Application

Proposal # _____

AGRALITE ELECTRIC COOPERATIVE
320 E. Highway 12, PO Box 228
Benson, MN 56215
(320)843-4150

Business Information

*Business Name _____
*Mailing Address _____
*City, State, Zip _____
*Account Number _____ Phone _____

Address of Installation(if different from above)

Name _____
Address _____
City, State, Zip _____

*Contact _____ Phone _____

Tax Payer ID Number _____ SIC _____

*Type of Business Irrigation System

*Cooperative Served by Agralite Electric Cooperative

*Customer Signature _____

*Date _____

*Estimated Completion Date: _____

Pre-approved by: _____

Date: _____

Grant Amount: _____

* Required Information

Custom Energy Efficiency Grant Guidelines

1. This program is applicable to the commercial / industrial and agricultural customers of Agralite Electric Cooperative.
2. Customers and vendors must submit itemized equipment invoices along with grant applications, and worksheet. To ensure that the equipment installed meets Agralite Electric Cooperative's performance standards, the invoices must include: itemized labor charges, quantity, equipment price, model numbers, manufacturer for all equipment included in the grant.
3. Customers must apply for Year 2010 Custom Energy Grants no later than November 30, 2010.
4. The installation must be complete before funds will be issued for the grant.
5. Agralite Electric Cooperative reserves the right to conduct random inspections of installations.
6. The customer is responsible for checking with Agralite Electric Cooperative to determine whether funding is available and to verify program parameters.
7. The grant amount shall be limited to 50% of the project cost up to \$5,000 or as determined by Agralite Electric Cooperative.



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Existing System Description (E)

Describe the existing system in terms of demand and energy requirements, efficiency, operating hours and the number of units being replaced. This data may be supplied in terms of production. Include supporting documentation and specifications as attachments as required.

Type of Irrigation	X	Center Pivot		Gun		Other
Motor HP						
GPM						
Pressure at Pump						
Pump Style						
Pumping Water Level						
Averages Hours per Year						

Project Type (E)	Maximum Demand (kW)	Summer Coincidental Demand (kW)	Annual Energy (kWh)
PSI Irrigation (Enter existing pressure)	Total <input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text" value="-"/>

New System Description (N)

Describe the new system in terms of demand and energy requirements, efficiency, operating hours and the number of units being replaced. This data may be supplied in terms of production. Include supporting documentation and specifications as attachments as required.

Type of Irrigation	X	Center Pivot		Gun		Other
Motor HP						
GPM						
Pressure at Pump						
Pump Style						
Pumping Water Level						
Averages Hours per Year						
How is the pump being modified for low pressure?						

Project Type (N)	Maximum Demand (kW)	Summer Coincidental Demand (kW)	Annual Energy (kWh)
PSI irrigation (enter pressure of proposed)	Total <input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text" value="-"/>
Estimated Project Savings:	<input style="width: 50px;" type="text" value="-"/>	<input style="width: 50px;" type="text" value="-"/>	<input style="width: 50px;" type="text" value="-"/>



**Commercial & Industrial
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Proposal # 0

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Worksheet Instructions: Enter required data in shaded area only.

Environmental Assurances

Describe how hazardous wastes which may result from this project will be handled:

Power Quality

Does the project meet power quality requirements:

Power Factor: yes / no Harmonic Distortion: yes / no

If "yes" in either case, the cooperative should have a copy of the specification sheets on file at their office.

Removed Equipment

Describe how removed equipment will be made inoperable.

Trade Allies (contractor or supplier performing the work)

Name			
Address			
City, State, ZIP		Phone	

Demand & Energy Savings Calculations

Summer Coincidental Demand Savings:	kW(E) - kW(N) =	_____ - kW
Average Demand Savings:	kW(E) - kW(N) =	_____ - kW
Average Annual Energy Savings:	kWh(E) - kWh(N) =	_____ - kWh

Estimated Annual Demand Savings:

_____ - kW	\$ <u>9.52</u> / kW x <u>3</u> =	\$ _____ -
	Demand Rate - \$/kW Months	

_____ - kW	\$ _____ / kW x _____ =	\$ _____ -
	Demand Rate - \$/kW Months	

(Second line - two tier or seasonal rates)

Total Demand Cost Savings \$ _____ -

Estimated Annual Energy Savings:

_____ - kWh/Year	\$ <u>0.0502</u> / kWh x <u>1</u> =	\$ _____ -
	Annual kWh / 12 Energy Rate - \$/kWh Year	

_____ kWh/Year	\$ _____ / kWh x _____ =	\$ _____ -
	Annual kWh / 12 Energy Rate - \$/kWh Months	

(Second line - two tier or seasonal rates)

Total Energy Cost Savings \$ _____ -

Estimated Total Savings: \$ _____ -

(Enter required data in shaded area only)

Enter Total Project Cost:		<i>(Incremental Cost: Standard vs. High Efficient)</i>
Enter Grant amount requested:		<i>(Maximum 50% of project cost up to \$5,000 or as determined by the cooperative)</i>
Benefit Cost Ratio:	#DIV/0!	<i>(Must be ≥ 2.00 - Increase BCR to meet all criteria)</i>
After grant project cost:	\$ _____ -	
Simple Payback after Grant (yrs)	#DIV/0!	<i>(SPB Must > 1 yr.)</i>

<i>GRE Representative use Only</i>
Initial
Date