Compressed Air Efficiency Evaluation
2011 Rebate Application

Agralite Electric Cooperative, 320 E. Highway 12, Benson, MN 56215, Ph: (320) 843-4150

Business Member Information

Company name _____

Billing address _____ **Phone** _____

_____ _____ _____

City **State** **Zip**

Installation address _____

(if different from above) _____

Account number _____

Contact name _____ **Phone** _____

Email _____

Vendor Information

Vendor name _____

Vendor address _____

City, State, ZIP _____

Vendor Contact Name _____ **Phone** _____

Email _____

The undersigned does hereby certify that 1) The undersigned, and not the cooperative, is solely responsible for the accuracy of the information contained in this application, 2) all rules of the Compressed Air Efficiency Evaluation Rebate program have been followed, and 3) the installation is complete. Further, the undersigned acknowledges that nothing contained in the application shall impose any liability on the cooperative for the work performed and information presented by the member's engineer, contractor or vendor. Agralite Electric Cooperative will be referred to hereafter in this application as "the cooperative".

Member signature _____ **Date** _____

How to Apply for This Rebate

1. Fill out this rebate application. All information needs to be supplied before a rebate check can be issued. Please note all warranty information, rules, and qualifications on the rules and information tabs of this form.
2. Complete and sign rebate forms. Mail or fax pages to Agralite Electric Cooperative.
3. Call with questions.

Application # _____

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Warranty Information

Rebate qualifications do not imply any representation or warranty of such equipment, design or installation by the cooperative. The cooperative shall not be responsible or liable for any personal injury or property damage caused by this equipment. The cooperative does not guarantee that a specific level of energy or cost savings will result from the implementation of energy conservation measures or the use of products funded under this program. In no event shall the cooperative be liable for any incidental or consequential damages.

Other Important Program Rules

1. Evaluation must be complete before funds will be issued for the rebate.
2. Members and vendors must submit itemized equipment invoices, along with rebate application and worksheet, to the cooperative. To ensure that the equipment installed meets the cooperative's performance standards, these invoices must itemize labor charges, quantity and price of the equipment installed, as well as information regarding the manufacturer and model numbers for all equipment included in the rebate.
3. The cooperative reserves the right to conduct random inspections of installations.
4. The member is responsible for checking with the cooperative to determine whether funding is available and to verify program parameters.
5. Rebate must comply with all program specific rules and qualifications.
6. Qualifying members must apply for 2011 rebates no later than November 30, 2011.

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Compressed Air Evaluation Information

Total installed compressor horsepower (excluding backup):		Operating Hours per year:	
Total cost of proposed Compressed Air Evaluation:		Air leak test completion date:	
Estimated evaluation completion date:		Rebate	

Cost Share Funding of Compressed Air Evaluation Costs

Compressor Hp	Cost Share Funding
50 - 74	50% up to $2,000
75 - 99	50% up to $2,500
100 and greater	50% up to $15,000

Specific Rules and Qualifications

The cooperative offers rebates to qualifying members with electrically driven compressed air systems greater than 50 hp. Members are eligible for the Compressed Air Evaluation rebate incentive once every five years through participating contractors. Qualifying compressed air systems must meet the following requirements:

1. Electrically driven.
2. 50 hp plus total installed air compressor capacity (excluding backup equipment).
3. Operate at least 40 hours per week or 2,000 hours per year.

The Compressed Air Efficiency Evaluation must include the following components:

1. An ultrasonic leak survey which identifies and locates tag air leaks.
2. An estimate of the cost of inefficiencies and must include members costs, demand (kW) and energy (kWh), resulting from leaks and misuses of the air system.
3. An efficiency report detailing the recommendations which will improve system efficiency.
4. An estimate of the energy cost savings, including demand (kW) and energy (kWh) savings, which would result from the system improvement recommendations.

The report must also specifically include the following information of the compressed air system components:

1. Compressor number, type, capacity, pressure and age.
2. Compressor motor size, efficiency and age.
3. Type, capacity and age of dryers and other conditioning equipment.
4. Description of major compressed air end uses.
5. Location and layout of piping and major system components.
6. Inspection of all compressed air system components and identify problem areas.
7. Identify system loading of major compressed air users including size, frequency and duration of use. Measure the output of each individual compressor and the overall system in cfm. Calculate energy consumption in kWh and determine the annual cost of operating the existing compressed air system.
8. Provide flow and/or electric metering results.
9. Identify the results of the leak and unregulated demand inspection, including the location and approximate size of each leak.
10. Identify the process to implement the system energy efficiency improvements and provide cost estimates to repair the leaks, unregulated end-uses and inefficient compressed air applications.
11. Provide the member a list of recommended improvements to their own maintenance procedures.
12. Provide member with follow-up actions to improve operation and efficiency.
13. Submit the Compressed Air Evaluation application along with the proposed study to the cooperative.
14. Repairs must be made to 50 percent of the air loss due to leaks and/waste identified in the evaluation to be eligible for the rebate.