

Compressed Air Efficiency Evaluation



Your Touchstone Energy®
Partner 

2012 Rebate Application

Dakota Electric Association
4300 220th Street West
Farmington, Minnesota 55024

Business Member Information

Company name _____ Date submitted _____
 Billing address _____ City _____ State _____ ZIP _____
 Installation address (if different) _____ City _____ State _____ ZIP _____
 Account number _____
 Contact name (print) _____ Phone _____
 E-mail _____

Vendor Information

Vendor name _____ Vendor contact name _____
 Vendor address _____ City _____ State _____ ZIP _____
 Phone _____ Fax _____
 E-mail _____

The undersigned does hereby certify that 1) The undersigned, and not Dakota Electric Association, 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 Dakota Electric Association for the work performed and information presented by the member's engineer, contractor or vendor.

Member signature _____ Date _____

How to Apply for This Rebate

1. Rebate funds are limited. Contact rebates@dakotaelectric.com or 651-463-6243 to reserve funds. This is not a guarantee of project approval.
2. Fill out this rebate application. All information needs to be supplied before a rebate check can be issued. Please note any warranty, rules or qualifications on page two of this form.
3. Complete and sign rebate forms. Mail or fax pages 1 and 3 to:
 Rebates, Dakota Electric Association, 4300 220th Street West, Farmington, MN 55024
 Fax number: 651-460-7524

Application # _____



Warranty Information

Rebate qualifications do not imply any representation or warranty of such equipment, design or installation by Dakota Electric Association. Dakota Electric Association shall not be responsible or liable for any personal injury or property damage caused by this equipment. Dakota Electric Association 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 Dakota Electric Association 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 Dakota Electric Association. To ensure that the equipment installed meets Dakota Electric Association'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. Dakota Electric Association reserves the right to conduct random inspections of installations.
4. The member is responsible for checking with Dakota Electric Association to determine whether funding is available and to verify program parameters.
5. Project must comply with all program specific rules and qualifications on page 3.
6. Qualifying members must apply for 2012 rebates no later than November 15, 2012.

Compressed Air Evaluation Information

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

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

Dakota Electric Association 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. Total installed air compressor capacity greater than 50 hp (excluding backup equipment).
3. Operates at least 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 system inefficiencies, including 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 identification of 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 Dakota Electric Association.
14. Repairs must be made to 50 percent of the air loss due to leaks identified in the evaluation to be eligible for the rebate.