

# Compressed Air Incentive Application for Business Customers

A Cash Incentive Energy Efficiency Program brought to you by:

## ROCK RAPIDS MUNICIPAL UTILITIES

### Instructions for Use:

*For complete instructions, please refer to the Terms and Conditions on page 8.*

**Step 1: Determine Eligibility.** Equipment must be new and installed in a business. Only new products which are exact product types listed in this application form are eligible for prescriptive incentives described in this application. **If the potential incentive is greater than \$10,000, pre-approval from the participating utility is required.** Contact the utility to get pre-approval.

**Step 2: Complete Project.** New equipment (not used) must be installed. Replaced equipment must be properly removed and taken out of service.

**Step 3: Complete and sign the application.** Complete the application and attach copies of all project invoices, including labor costs. Include manufacturer (OEM) specification sheets for all equipment to be rebated.

**Step 4: Submit completed application.** A completed application and all supporting documents must be received by The Utility within 90 days of project completion. Incomplete applications will cause delays in payment or denial of the application.

Email the application and all supporting documentation to: [rebate@brightenergysolutions.com](mailto:rebate@brightenergysolutions.com)  
OR

Mail or fax the application and all supporting documentation to:

Rock Rapids Municipal Utilities  
310 S Third Ave  
310 S 3rd Ave  
Rock Rapids IA 51246  
Phone: (712) 472-2511  
Fax: (712) 472-2512

Please note: Rock Rapids Municipal Utilities and its supplemental power supplier, Missouri River Energy Services, are offering this Bright Energy Solutions Program. Rock Rapids Municipal Utilities and Missouri River Energy Services together will be referred to as "The Utility" throughout this document.



Please visit [www.brightenergysolutions.com](http://www.brightenergysolutions.com) for more information about the Bright Energy Solutions® Programs.

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## Customer Information (Please Print)

Company Name		Contact Name		Date Submitted
Installation Address		City	State	ZIP Code
Mailing Address		City	State	ZIP Code
Phone		Installation (Completion) Date		
Email Address (By providing your email address, you are granting the Utility permission to send emails regarding this project or updates on our incentive programs.)		Building Use – Please Check One: <input type="checkbox"/> Office <input type="checkbox"/> Retail <input type="checkbox"/> 24-hour Facility <input type="checkbox"/> Warehouse <input type="checkbox"/> Restaurant <input type="checkbox"/> Lodging <input type="checkbox"/> Grocery/Supermarket <input type="checkbox"/> Manufacturing		
Municipality Utility Name & Account Number		School: <input type="checkbox"/> Elementary/Secondary <input type="checkbox"/> College      Healthcare: <input type="checkbox"/> Clinic <input type="checkbox"/> Hospital <input type="checkbox"/> Other/Miscellaneous: _____		
How did you learn about the program? <input type="checkbox"/> My Utility <input type="checkbox"/> Contractor/Supplier <input type="checkbox"/> Community Event <input type="checkbox"/> Mailing <input type="checkbox"/> Bill insert <input type="checkbox"/> Other: _____				
<b>Facility Hours of Operation</b>				
Hours per Day	Days per Week	Weeks per Year	Hours per Year (hours x days x weeks)	

## Vendor/Contractor Information

Company Name		Contact Name		Phone
Address		City	State	ZIP Code
Fax		Email Address (By providing the vendor's email address, you are granting The Utility permission to send emails regarding this project or updates on our incentive program.)		

## Payment Information

Please process payment to:    Customer (listed above)    Vendor/Contractor (listed above)    Alternative Recipient

*If payment is to be made to an Alternative Recipient, please complete the remainder of this section:*

Company Name		Contact Name		Phone
Address		City	State	ZIP

Note: For all Compressed Air Leak Surveys performed by Missouri River Energy Services the incentive payment will be made to the customer.

# Compressed Air Incentive Application for Business Customers 2018

<b>A. Variable Frequency Drive (VFD) Air Compressor ≤ 200 hp</b> (ONLY for new construction projects or when replacing an existing modulation or load/no load controlled rotary screw air compressor)				
New Equipment Type	Specifications	Incentive/hp	Nominal Horsepower	Total
Variable Frequency Drive Rotary Vane or Screw Compressor ≤ 200 hp	Only for new construction projects or when replacing an existing modulation or load/no-load controlled rotary screw compressor (with or without blowdown).	\$35 per hp		\$
<b>Larger compressors may qualify for an incentive under the Custom Program with preapproval. Please contact your local utility for details.</b>				
<b>Subtotal Section A:</b>				\$
<i>New Equipment Information</i>				
<i>Manufacturer:</i>	<i>Model Installed:</i>	<i>Serial Number Installed:</i>		
Replacing existing compressor? <input type="checkbox"/> Yes <input type="checkbox"/> No New construction project? <input type="checkbox"/> Yes <input type="checkbox"/> No Is new compressor water cooled? <input type="checkbox"/> Yes <input type="checkbox"/> No	Are other VFD compressors used in this system? <input type="checkbox"/> Yes <input type="checkbox"/> No Is this compressor used primarily as a backup or redundant compressor? <input type="checkbox"/> Yes <input type="checkbox"/> No			
<i>Removed Equipment Information</i>				
<i>Removed Equipment Manufacturer:</i>		<i>Removed Model Number (If Available):</i>		
Is removed compressor a rotary screw compressor? <input type="checkbox"/> Yes <input type="checkbox"/> No Control Type? <input type="checkbox"/> Modulation <input type="checkbox"/> Load/No-Load Is removed compressor water cooled? <input type="checkbox"/> Yes <input type="checkbox"/> No		<i>Nominal Horsepower of Removed Compressor:</i>		
<b>PLEASE ATTACH THE FOLLOWING REQUIRED DOCUMENTS:</b> <ol style="list-style-type: none"> <li>1) Specification sheet and CAGI sheet for new air compressor.</li> <li>2) Invoice clearly showing proof of purchase including model numbers, date of installation, installation address, and total project cost.</li> </ol>				
<ul style="list-style-type: none"> <li>Incentive is for a new VFD rotary vane or screw compressor replacing an existing rotary screw air compressor with modulation or load/no-load controls – or used in a new construction project. The existing (old) compressor may be with or without blowdown. Used equipment does not qualify.</li> <li>Adding a VFD to an existing compressor does not qualify.</li> <li>Replacing an existing VFD compressor with a new VFD compressor does not qualify.</li> <li>Air compressors purchased for backup or redundancy do not qualify.</li> <li>Limited to one VFD compressor per compressed air system. Adding a VFD compressor to a system that already includes a VFD compressor does not qualify.</li> <li>The nominal horsepower of the new VFD compressor must not exceed 125% of the existing air compressor. Units exceeding this limit may qualify for a Custom incentive with preapproval prior to the purchase of equipment. Please see your local Utility representative for details.</li> <li>Existing water cooled compressor units must be replaced by a new water cooled unit.</li> <li>Air compressors and associated equipment not eligible for this incentive may be eligible for a Custom incentive. Please see your local Utility representative for details.</li> <li>Replaced equipment must be removed. If the replaced compressor remains connected to the air system, the customer must provide a signed letter certifying that the old compressor will be rarely used in emergency backup situations only.</li> </ul>				

B. No Loss Air Drains					
Description	Manufacturer	Model	Quantity	Incentive/Unit	Total
No Loss Air Drains				\$160 / Drain	\$
No Loss Air Drains				\$160 / Drain	\$
No Loss Air Drains				\$160 / Drain	\$
<b>Subtotal Section B:</b>					<b>\$</b>
<ul style="list-style-type: none"> <li>Used to remove condensate without wasting compressed air.</li> <li>Must be used in compressed air systems with load/no-load, variable speed, variable displacement, or centrifugal compressors.</li> <li>Manual drains, level operated mechanical drains, or solenoid drains are not eligible for incentives.</li> <li>The replacement drain must continuously measure the presence of condensate and purge it only when necessary and only long enough to prevent the unintentional purging of compressed air.</li> </ul>					

C. Mist Eliminators					
Description	Manufacturer	Model	Total Compressor hp	Incentive/Unit	Total
Mist Eliminators				\$4 / hp	\$
Mist Eliminators				\$4 / hp	\$
Mist Eliminators				\$4 / hp	\$
<b>Subtotal Section C:</b>					<b>\$</b>
<ul style="list-style-type: none"> <li>Used to trap, collect and remove liquids and soluble particulate matter from compressed air with much less pressure drop than conventional filters.</li> <li>The mist eliminator air filter must have an initial pressure drop of 1 psi or less.</li> <li>Must replace a standard coalescing filter and must not be used as a back-up. Use in new construction or in a new air system also qualifies.</li> </ul>					

D. Dew Point Demand Controls					
Description	Manufacturer	Model	Total cfm	Incentive/Unit	Total
Dew Point Demand Control				\$150 / 100 cfm	\$
Dew Point Demand Control				\$150 / 100 cfm	\$
Dew Point Demand Control				\$150 / 100 cfm	\$
<b>Subtotal Section D:</b>					<b>\$</b>
<ul style="list-style-type: none"> <li>Used with regenerative desiccant type dryers to control the regeneration process based on the actual air dew point instead of regenerating based on time alone.</li> <li>Must be applied to a desiccant air dryer.</li> <li>Must have the ability to delay tower regeneration based on user-set dew points.</li> </ul>					

E. Cycling Refrigerated Dryers					
Description	Manufacturer	Model	Total cfm	Incentive/Unit	Total
Cycling Refrigerated Dryer				\$75 / 100 cfm	\$
Cycling Refrigerated Dryer				\$75 / 100 cfm	\$
Cycling Refrigerated Dryer				\$75 / 100 cfm	\$
<b>Subtotal Section E:</b>					<b>\$</b>
<ul style="list-style-type: none"> <li>Cycling refrigerated dryers turn on and off or vary their speed in response to demand as opposed to operating continuously.</li> <li>New dryers must be cycling or VFD controlled refrigerated dryers replacing non-cycling refrigerated air dryers. Use in new construction or in a new air system also qualifies.</li> <li>Installation of controls to existing dryers does not qualify for an incentive.</li> <li>The replacement of desiccant, deliquescent, heat-of-compression, membrane, or other types of dryers does not qualify under this measure.</li> </ul>					

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F. Added Compressed Air Storage						
Compressor Horsepower	Compressor Full Load acfm	Add Storage Gallons	Previous gal/cfm Storage	New gal/cfm Storage	Incentive Per Compressor Horsepower	Total
					\$20 / hp	\$
					\$20 / hp	\$
					\$20 / hp	\$
<b>Subtotal Section F:</b>						<b>\$</b>
<ul style="list-style-type: none"> <li>Adding storage to achieve 5 gal/cfm storage capacity based on rated full-load acfm for actual operating pressure.</li> </ul>						

G. Low-Pressure Blower Replacing Compressed Air Blow Off			
Process Location/Description	Low-Pressure Blower hp	Incentive Per Compressor hp	Total
		\$1,500 / hp	\$
		\$1,500 / hp	\$
		\$1,500 / hp	\$
<b>Subtotal Section G:</b>			<b>\$</b>
<ul style="list-style-type: none"> <li>Replacing the fixed compressed air blow off process on production equipment with a blower generated low pressure air system.</li> </ul>			

H. Engineered or Air-Entraining Compressed Air Nozzles					
Description	Size	SCFM AT 80 PSI	Quantity	Incentive/Unit	Total
Engineered Compressed Air Nozzles	1/8 Inch	≤10		\$20/Nozzle	\$
Engineered Compressed Air Nozzles	1/4 Inch	≤17		\$20/Nozzle	\$
Engineered Compressed Air Nozzles	3/8 Inch	≤18		\$20/Nozzle	\$
Engineered Compressed Air Nozzles	1/2 Inch	≤18		\$20/Nozzle	\$
<b>Subtotal Section H:</b>					<b>\$</b>
<ul style="list-style-type: none"> <li>Manufacturer's specification sheet listing SCFM ratings for each air jet and nozzle must be attached to application.</li> <li>Air jets and nozzles must have an SCFM rating at 80 psig less than or equal to those rated in the table above.</li> <li>Incentives are based on replacing an open pipe/tube assembly with air jets/nozzles.</li> <li>All installations must meet OSHA standards.</li> </ul>					

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**I. Compressed Air Leak Survey (Performed by Missouri River Energy Services)**

- The Compressed Air Leak Survey is to be done by a Missouri River Energy Services (MRES) technician utilizing ultrasonic leak detection equipment. Contact your local utility representative for details on the scope of work along with a cost quote for this service.
- Customer must repair all leaks identified where it is cost-feasible to do so. A minimum of 40% (based on calculated CFM loss) of the leaks must be fixed in order for the project to qualify for the incentive.
- Following leak repairs, the customer must schedule a return visit by the MRES technician to verify leak repairs using ultrasonic leak detection equipment. All leak tags must be left in place by the customer until repair verification is made by the MRES technician.
- Leak repair verification must be completed and Bright Energy Solutions must receive this submitted application within 90 days of the leak survey date.
- The incentive is only available once per 12 month period per customer site.
- The combined horsepower of compressors in the system must total 20 hp or larger, not including compressors used for emergency backup purposes only.
- The customer is responsible for making payment in full to MRES for air leak survey related services. Incentive payment to the customer will only be released by the Utility after customer payment to MRES is received in full.

Total Cost of Air System Leak Survey and Leak Repair Verification \$_____ x 0.40 =	\$
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<b>Subtotal Section I (NOT TO EXCEED \$5,000) :</b>	<b>\$</b>
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**Additional Required Information**

PLEASE ATTACH THE FOLLOWING REQUIRED DOCUMENTS:

- 1) A copy of the Air Leak Calculator Report from Missouri River Energy Services.
- 2) Invoices clearly showing the cost and date of services provided from the initial survey and the leak verification survey.

**MRES Use Only (Ultrasonic Leak Survey)**

Date Received	50% or more leaks repaired: <input type="checkbox"/> Yes <input type="checkbox"/> No	Invoices Paid: <input type="checkbox"/> Yes <input type="checkbox"/> No	kWh Reduction:	kW Reduction:
Incentive Approved <input type="checkbox"/> Yes <input type="checkbox"/> No	Amount :\$		Date Approved	
Program Representative				

**Summary of Incentives**

Subtotal Section A: Variable Frequency Rotary Vane or Screw Compressor	\$
Subtotal Section B: No Loss Air Drains	\$
Subtotal Section C: Mist Eliminators	\$
Subtotal Section D: Dew Point Demand Controls	\$
Subtotal Section E: Cycling Refrigerated Dryers	\$
Subtotal Section F: Added Compressed Air Storage	\$
Subtotal Section G: Low-Pressure Blowers	\$
Subtotal Section H: Engineered Air Nozzles	\$
Subtotal Section I: Compressed Air Leak Survey	\$
<b>Total Incentive:</b>	<b>\$</b>

**Certifications and Signature**

I hereby certify that: 1. The information contained in this application is accurate and complete; 2. All installation and surveys are complete and the unit(s) is operational prior to submitting application; 3. Where required, all leak repairs are complete and have been verified by the contractor who performed the initial leak survey; 4. All rules of this incentive program have been followed, and 5. I have read and understand the terms and conditions applicable to this incentive program as set forth in this application, including those set forth on page 8 below.

The customer agrees to verification of equipment installation which may include a site inspection by a program or utility representative. The customer understands that it is not allowed to receive more than one incentive from this program on any piece of equipment. The customer agrees to indemnify, defend, hold harmless and release The Utility from any claims, damages, liabilities, costs and expenses (including reasonable attorneys' fees) arising from or relating to the removal, disposal, installation or operation of any equipment or related materials in connection with the programs described in this application, including any incidental, special or consequential damages.

Please sign and complete all information below.

Signature	Print Name	
	Title (if applicable)	Date

**Member Utility Use Only**

Date Received	Pre-Inspected? <input type="checkbox"/> Yes <input type="checkbox"/> No	Date Pre-Inspected:  Initials:	Post-Inspected? <input type="checkbox"/> Yes <input type="checkbox"/> No	Date Post-Inspected:  Initials:
Incentive Approved <input type="checkbox"/> Yes <input type="checkbox"/> No	Amount :\$		Date Approved	
Utility or Program Representative				

## ELIGIBILITY:

- These incentives are offered by Missouri River Energy Services and its participating members. For questions regarding eligibility, call your local utility listed on the cover page of this application.
- Commercial, industrial, and governmental customers who purchase electricity from The Utility are eligible to participate in the Bright Energy Solutions® Compressed Air Incentive Program. Eligible equipment must be connected to an electric service billed under a commercial or industrial rate class by The Utility. Excludes equipment for residential spaces such as apartments.
- This program is applicable only to equipment that meets the detailed equipment specifications and requirements described in this application. The Utility will determine, in its discretion, whether such specifications and requirements are satisfied.
- Customers may not receive more than one incentive for each piece of equipment installed under this program or any combination of Bright Energy Solutions programs.

## TERMS AND CONDITIONS:

1. **Incentive Offer:** Projects, including all required installation, must be completed by December 31, 2018. A signed application and itemized invoices for materials and labor must be submitted to the participating utility at the address located on the cover page of this application **within 90 calendar days of project completion**. Please keep a copy for your records.
2. **Proof of Purchase:** This application must have complete information and be submitted with an invoice(s) itemizing the new equipment purchased and labor costs. The invoice(s) must indicate date of purchase, size, type, make, model and total project cost. The AHRI Certificate of Product Ratings must also be provided where applicable and available. In cases where the AHRI Certificate of Product Ratings is not available or applicable the manufacturer (OEM) specification sheets must also be included.
3. **Compliance:**
  - a) All projects must comply with federal, state, and local codes.
  - b) All equipment must be new or retrofitted with new components per the program specifications. Used or rebuilt equipment is not eligible for incentives. Existing equipment must be removed and properly disposed of.
  - c) Equipment must meet specification requirements and be purchased, installed and operating prior to submitting an incentive application.
  - d) Equipment must not be used to qualify and receive payment for energy savings from any wholesale electricity market.
  - e) Customers may only receive one incentive per piece of qualifying equipment.
  - f) All projects for which more than \$10,000 in incentive payments is sought must be approved by The Utility prior to the commencement of the project. Receipt of pre-approval does not guarantee incentive payments will be made. Incentive payments will be made only upon the customer's satisfaction of all terms and conditions of this program.
  - g) All terms and conditions of this application must be satisfied by the customer.
4. **Payment:** Once completed paperwork is submitted, incentive payments are usually made within 4-8 weeks. Incomplete applications will either delay payments or be denied. The Utility reserves the right to refuse payment and participation if the customer or the customer's contractor violates program rules and procedures.
5. **Inspection:** The Utility may conduct an inspection of the customer's facility to survey any installed projects. All projects exceeding \$10,000 of incentives will be inspected prior to incentive payment. The Utility may inspect customer records relating to incentives sought by the customer.
6. **Information Sharing:** The Utility reserves the right to publicize your participation in this program, unless you specifically request otherwise in writing. Information contained in this application may be shared with state boards, commissions, departments, and other Bright Energy Solutions participating utilities.
7. **Program Discretion:** Incentives are available on a first-come, first-served basis. This program and its incentive amounts are subject to change or termination without notice at the discretion of The Utility. Neither pre-approval of a project, nor any other action by The Utility, will entitle a customer to an incentive payment until the application is finally approved by The Utility. The Utility reserves the right to load manage (cycle on or off) customer equipment that qualifies for incentives under this program.
8. **Logo Use:** Customers or trade allies may not use the name or logo of Bright Energy Solutions, The Utility, or any other participating utility in any marketing, advertising, or promotional material without written permission.
9. **Disclaimers:** The Utility
  - a) does not endorse any particular manufacturer, product, labor or system design by offering these programs;
  - b) will not be responsible for any tax liability imposed on the customer as a result of the payment of incentives;
  - c) does not expressly or implicitly warrant the installation or performance of installed equipment or any contractor's quality of work (contact the equipment manufacturer or contractor for warranties);
  - d) is not responsible for the proper disposal/recycling of any waste generated as a result of this project;
  - e) is not liable for any damage, injury, or loss of life arising from or relating to the removal, installation, or operation of any equipment, or any other action taken by the customer or The Utility, in connection with a project undertaken by the customer under the programs described in this application;
  - f) does not guarantee that a specific level of energy or cost savings will result from the implementation of energy efficiency measures or the use of products funded under this program.

## INCENTIVE LIMIT:

- Eligible customers may purchase and install qualifying equipment and receive an energy efficiency incentive of up to \$100,000 per customer, per calendar year. Payments for larger incentives may be allowed at the discretion of The Utility.
- An incentive exceeding \$10,000 must receive written approval from The Utility BEFORE project commencement.
- Total incentive will not exceed 75 percent of the project cost, including installation. If self-installed, incentives for items of equipment can be up to the purchase price of a specific item, but shall not exceed the Bright Energy Solutions incentives set by Missouri River Energy Services.
- Incentives for particular items of equipment and/or systems are limited as set forth in this application.