

## 5 Easy Steps to receive your Ameren Illinois Utilities (AmerenCILCO, AmerenCIPS, AmerenIP) incentive:

### 1. Is your facility eligible?

- The compressed-air system must be installed at a manufacturing or industrial facility.
- The program participant must be an electric customer of Ameren Illinois Utilities under rates DS-2, DS-3, or DS-4
- Eligible customers will have a 10-digit Ameren Illinois Utilities electric account number and a Rider EDR surcharge on their Ameren Illinois bill.
- Customers who purchase their electricity from an Alternate Retail Electric Supplier (ARES) are eligible to participate in the program as long as Ameren Illinois Utilities is the distributor.
- You may apply for up to \$600,000 of incentive money per program year, per facility (see the Terms and Conditions).
- Building tenants are eligible for incentive money, as long as the building owner signs the Landlord Consent form.
- Facilities located in AmerenUE (Missouri) territory are eligible under the Energy Efficiency Program [www.Ameren.com/BIZEfficiency/](http://www.Ameren.com/BIZEfficiency/).
- Public buildings such as government, municipal, and public schools are not eligible under this program but should contact the Illinois Department of Commerce and Economic Opportunity (DCEO) ([www.illinoisenergy.org](http://www.illinoisenergy.org)) to apply through their program.

### 2. Is your project eligible?

- Eligible projects will have a minimum of 100 hp (total), have at least two compressors, and will have been at least two years since the last major upgrade or tune-up.
- Incentives are intended to defray survey costs for leak loss reduction, resolution of inappropriate uses, and systems tune-up of compressed air systems.
- Project completion date must be on or after June 1, 2010, and before June 1, 2011.
- **Approval from Ameren Illinois Utilities is REQUIRED BEFORE the Retro-commissioning survey for this project may be initiated.** See the Terms and Conditions of this Application for details.

### 3. Complete and sign this Application.

- **Incomplete applications will delay review and payment.**
- Complete the Application Checklist (Appendix A) to ensure that all the required information is included in your application.
- Anyone may fill out the application, but the signature of the Ameren Illinois Utility customer is required on the bottom of page 5.

### 4. Submit Application for PRE-APPROVAL.

Pre-approval IS required before you begin a retro-commissioning survey or implement no cost/low cost improvements to your compressed air system. Send the following to Act On Energy® in order to receive a "pre-approved" letter:

- Complete Tables 2-5 as described in the detailed step-by-step instructions on page two.
- Appendices A, B, and C, as described in the *Application Steps and Associated Forms* (Table 1) of this application.
- You will receive an e-mail confirming we received your application.

### 5. Submit documentation for project completion.

After you have completed your project, return the following to Act On Energy:

1. Verification Survey Checklist – Table 10 (provided by the RSP).
2. Verification Survey Form – Table 11 (provided by the RSP).

Upon receipt of completion documentation, Ameren Illinois Utilities staff may conduct a post-installation inspection for verification purposes.



**This Retro-commissioning Program is designed to provide incentive money to manufacturing/ industrial businesses that want to optimize the performance of their existing compressed-air systems through leak-loss reduction, correction of inappropriate uses of compressed air, and tune-up of existing controls and equipment.**

**The cash incentives under this Ameren Illinois Utilities program are offered on a first-come, first-served basis and are subject to project and customer eligibility, as well as the availability of funds. Customers are advised to read the Terms and Conditions on page 6 and ask questions regarding eligibility before initiating a Retro-commissioning Survey and implementing system improvement measures.**

#### Mail/Fax Application to:

Ameren Illinois Utilities, Act On Energy® Business Program,  
300 Liberty Street, Peoria, IL 61602 • Fax: 309-677-7950

Questions: call toll-free: 866-800-0747 • [ActOnEnergyBusiness@Ameren.com](mailto:ActOnEnergyBusiness@Ameren.com) • [ActOnEnergy.com](http://ActOnEnergy.com)

## Directions to Business Owners

This Compressed Air Retro-commissioning Program is designed to provide incentive money to manufacturing/industrial businesses to offset the cost of a Retro-commissioning Survey of their compressed air systems. This survey is used to identify energy-saving measures associated with leak loss reduction, resolution of inappropriate uses of compressed air, and system tune-ups.

### Program Steps (see Table 1 for specific information and required documentation about each step of this program)

1. Submit the Initial Application
2. Receive pre-approval letter from Ameren Illinois Utilities to proceed with survey phase. The pre-approval letter establishes incentive level and minimum energy savings requirements.
3. Have a system survey conducted by an RSP\* (Retro-commissioning Service Provider)
4. Meeting between the customer, RSP, and Act On Energy program staff to discuss survey results and to determine how to proceed with implementation phase. Customer signs program commitment form.
5. Proceed with the implementation of projects that have a payback period of less than a year (required to be eligible for the incentive funds for the survey)
6. RSP conducts verification survey and submits final paperwork to Act On Energy to request payment of the incentive
7. Optional: Apply through the Act On Energy Custom Program for capital improvement projects identified by the survey. These projects must have a simple payback period between one and seven years

\*RSP – Retro-commissioning Service Provider. They must be listed in Appendix E to participate in this program. If you do not have an RSP, see Appendix E for a list of approved service providers. You may select one, or Act On Energy staff will work with you to match your project with an appropriate RSP.

**TABLE 1. APPLICATION STEPS AND ASSOCIATED FORMS**

*In order to receive incentives under this program, applications must be accompanied by project documentation. The following is a summary of required documents for this program, and when they must be submitted.*

### Step 1 – Initial Application

If you already have an RSP (or will be selecting one from Appendix E) then complete all the tables listed under Step 1 and submit them to Ameren Illinois Utilities' Act On Energy Business Program (the address is on the bottom of the page) to obtain pre-approval to proceed with your project (**pre-approval is required before any survey activity or measures implementation can be started**). If you do not have an RSP then complete Table 2, Table 3, and Appendices A, B, and C (if required) and submit to begin the application review process. Act On Energy program staff will work with you to match your project with an appropriate RSP.

*The tables required for this step are listed below.*

Table #	Name	Who fills it out
2	Customer and Project Information	Customer and/or RSP
3	Summary of Planned Measures	Customer and/or RSP but must be signed by the customer (complete the whole page)
4	Summary of Existing Equipment	Customer and/or RSP
5	Survey Scope	RSP
Appendix A	Initial Application Checklist	Customer and/or RSP
Appendix B	Landlord Consent Form	Customer (Required if the Ameren Illinois Utilities customer is a tenant.)
Appendix C	Payment Release Authorization Form	Customer (optional) Required if someone other than the Ameren Illinois Utilities customer is to be paid the incentive money
Appendix E	List of approved Compressed Air RSPs (Retro-commissioning Service Providers)	(For reference, if you don't have an RSP)

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## Step 2 – Survey Pre-Approval

After Act On Energy staff have reviewed the application submitted in Step 1, you will receive an e-mail from the Act On Energy program to let you know that your project has been pre-approved, which serves as notice that you may begin the survey work. This pre-approval letter will establish the incentive amount and the minimum savings requirements for the project based on the information provided in Step 1, including the pro-forma estimates made in Table 5. If we are unable to provide pre-approval for your project, Act On Energy staff will work with you to explore other incentive opportunities.

*Act on Energy will provide the pre-approval letter to the customer with a copy to the RSP under this step.*

## Step 3 – Survey Conducted

*The tables required for this step are listed below. The RSP provides a Retro-commissioning Plan to the customer and Act On Energy for review at the conclusion of this step.*

Table #	Name	Who fills it out
6	Leak Loss Reduction and Inappropriate Uses Survey Checklist (and legend)	RSP
7	Leak Survey Log	RSP
8	Implementation Plan Outline	RSP

## Step 4 – Meeting with RSP, customer, and Ameren Illinois Utilities staff

The customer, RSP, and Act On Energy will meet to determine what measures will be implemented to meet the minimum savings requirement and will identify any capital improvement measures that may qualify for the Custom Program. This meeting may be conducted onsite or as a conference call, as appropriate. Act On Energy will provide a copy of the Program Commitment Form (Table 9) to the customer for their signature. The Program Commitment Form represents the customer's agreement to implement a set of measures that will meet the minimum energy-savings requirement.

*The table required for this step is listed below.*

Table #	Name	Who fills it out
9	Program Commitment Form	Act On Energy completes the form, provides to the customer for signature
Appendix D	Large Incentive Request Form	Signed and completed by customer for incentive requests > \$25,000.

## Step 5 – Proceed with Energy-Efficiency Measures

*No documentation is required for this step. The customer has the flexibility to utilize the RSP, in-house resources, or another contractor for the implementation of the agreed to energy-savings measures described in the Program Commitment Form. When the implementation phase is complete, the customer notifies the RSP that a verification survey is needed.*

## Step 6 – RSP Conducts Verification Survey

Once the Verification Survey is completed, the Verification Survey Form will be submitted to the customer and to Act On Energy for review.

Act On Energy will provide an approved for payment letter to the customer, and then cut the incentive check. Act On Energy reserves the right to conduct a pre- and/or post-installation inspection of the project(s).

*The tables required for this step are listed below.*

Table #	Name	Who fills it out
10	Verification Survey Checklist	RSP AND customer (both must contribute)
11	Verification Survey Form	RSP

## Step 7 – Optional: Apply for Additional Incentives through the Custom Program

*No documentation is required for this step. The Retro-commissioning Implementation Plan may be used as supporting data for a custom application.*

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# Cash Incentives – Retro-Commissioning: Compressed Air Project Application (Program-Year Three: 2010-2011)



## TABLE 2. CUSTOMER AND PROJECT INFORMATION

### AMEREN ILLINOIS UTILITIES CUSTOMER INFORMATION

Company Name:	Tax Status: <input type="checkbox"/> Individual <input type="checkbox"/> Partnership <input type="checkbox"/> Corporation <input type="checkbox"/> Exempt	# of Employees (FTE):	Ameren Illinois Utilities Electric Acct #:  -----
Tax ID (SSN/FEIN):			
Mailing Address (check mailed to):	City:	State:	Zip Code:
Contact Name/Title:			
E-mail Address:	Telephone:	Fax:	
Physical Installation Address (if different from above):	City:	Zip Code:	
<input type="checkbox"/> Owner <input type="checkbox"/> Tenant (If Tenant, complete the Landlord Consent Form, Appendix B).			
Name of the person(s) who referred you to the Act On Energy incentive application for this energy-efficient project: <i>Name of Referring Ameren Illinois Utilities or Act On Energy Employee:</i> _____ <i>Name of Referring Contractor/Program Ally:</i> _____			

### RETRO-COMMISSIONING SERVICE PROVIDER INFORMATION

Company Name:	Contact Name/Title:		
Mailing Address:	City:	State:	Zip Code:
E-mail Address:	Telephone:	Fax:	

### FACILITY/PROJECT DESCRIPTION

<b>Facility Type (where the work is to be done.):</b> Manufacturing/Industrial <input type="checkbox"/> Food processing <input type="checkbox"/> Automotive/transportation/infrastructure <input type="checkbox"/> Other (please specify) _____		<b>Project Description: (check all that apply)</b> <input type="checkbox"/> Leak Loss Reduction <input type="checkbox"/> Inappropriate Uses <input type="checkbox"/> System Tune-up <input type="checkbox"/> Other (please specify) _____	
<b>Total Compressor hp</b> (for the whole facility – must be at least 100 hp to be eligible) _____	<b>Facility Size</b> (square feet) _____	<input type="checkbox"/> <b>Yes, there are multiple compressors</b> (required, for eligibility).	<input type="checkbox"/> <b>Yes, it has been at least two years since the last major upgrade or tune-up on the system</b> (required, for eligibility).

<b>Internal Use Only</b> Project # _____ TR _____ RECEIVED – Date _____ Time _____ <input type="checkbox"/> Initial <input type="checkbox"/> Revised <input type="checkbox"/> Final Format:    Fax    E-mail    Express mail    U.S. mail    Other: _____	NOTES:
<input type="checkbox"/> Implementation Plan Submittal <input type="checkbox"/> Project Commitment Form Issued <input type="checkbox"/> Verification Form Received	
DS Rate _____    3 <sup>rd</sup> Party Payment Y / N    KAE _____	
Landlord Consent Form Required Y / N    LIRF required Y / N    Inspection required Y / N received <input type="checkbox"/> received <input type="checkbox"/> date done _____	
Pre-approved: date _____    Approved for Payment: Date _____ Amount \$ _____    Amount \$ _____ ECD _____    Approved by _____	

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**PROJECT SUMMARY**

**TABLE 3. SUMMARY OF PLANNED MEASURES**

<b>Total Survey Cost</b>		\$ _____

- I have included the completed application checklist (Appendix A) and have verified the information is correct.
- Enclosed is the Landlord Consent form (Appendix B) – required if the customer is a tenant.
- Enclosed is the Payment Release form (Appendix C) – required if the incentive check is not to be paid to the customer listed in Table 2.
- Enclosed is the Large Incentive Request Form (Appendix D) – required if the requested incentive is greater than \$25,000 (not required until Step 4 in the process, if applicable)

Estimated survey completion date \_\_\_\_/\_\_\_\_/\_\_\_\_

Estimated implementation completion date \_\_\_\_/\_\_\_\_/\_\_\_\_

Estimated verification survey completion date \_\_\_\_/\_\_\_\_/\_\_\_\_ (Must be before June 1, 2011)

*By signing below, I acknowledge that I have read and approve of this Application, and I agree to be bound by all program **Terms and Conditions**, and certify that the information provided on this page is correct. Additionally, I certify that I have not and will not apply for an incentive for the measures on this Application from any other Ameren Illinois Utilities program. Information gathered as a result of the Retro-commissioning Survey may be used as supporting information for future capital improvement projects under the Custom Program for a period of one (1) year from the date of the survey completion. **Falsifying any of the information in this Application will void this cash incentive application and any future cash incentive applications.***

Customer Signature: \_\_\_\_\_

Title: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Date: \_\_\_\_\_

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# Cash Incentives – Retro-Commissioning: Compressed Air Project Application (Program-Year Three: 2010-2011)

## TERMS AND CONDITIONS

**1. DEFINITIONS:** In addition to terms defined elsewhere herein, when any one of the following terms is used in these Terms and Conditions, wherein the first letter is written with a capital letter, then that term shall have the following definition. Words importing persons include corporation, and words importing only the singular include the plural and vice versa when the context requires.

**a) "AIU"** shall mean Ameren Illinois Utilities the party offering cash incentives toward the purchase and installation of Qualified EEMs through said company's Act on Energy program.

**b) "Application"** shall mean an Application for cash incentives under any for the following programs: Lighting, Motors, HVAC, Refrigeration, Grocery/Convenience, Lodging, Commercial Kitchen, Agriculture, Compressed Air or Healthcare Retro-commissioning, or Custom.

**c) "Competitive Large Project Incentive"** shall mean incentives applied for by submitting the Competitive Large Project Incentive Application. Those applications will go through a competitive bidding process to determine which projects will be awarded incentives.

**d) "Customer"** shall mean an Eligible Customer who has submitted an Application for incentive money using their account number. The Customer shall become a party to the Agreement upon acceptance of Customer's Application by AIU.

**e) "Custom Programs"** shall mean those projects associated with incentives not listed in the Standard Programs, including new construction projects.

**f) "EEM"** shall mean energy efficiency measures.

**g) "Eligible Customers"** shall mean non-residential electric and/or gas Customers of AIU (Central Illinois Light Company ("CILCO"), Central Illinois Public Service Company ("CIPS"), or Illinois Power Company ("IP")). Each program has different eligibility requirements for Delivery Service rates (DS# for electric, GDS# for gas) to be eligible for that program. Refer to the specific Application to determine if your business is eligible for that program. Customer organizations that are supported by federal, state or local tax funds are not Eligible Customers, but may qualify under programs operated by the Illinois Department of Commerce and Economic Opportunity (DCEO). AIU's incentive payments are awarded only to Eligible Customers for equipment that is owned by them and installed in AIU's service area at the location that corresponds with the AIU account number listed in the Application. All Eligible Customers are ultimately responsible for compliance with these Terms and Conditions.

**h) "Pre-approval"** shall mean written notification to Customer of a maximum pre-approved incentive amount through a Pre-approval Letter, which AIU issues after review of the Customer's Application.

**i) "Qualifying Energy Efficiency Measures (EEMs)"** shall mean either (i) Standard gas or electric EEMs (measures found on any of the Standard Programs Applications: *Lighting, Motors, HVAC, Refrigeration, Lodging, Agriculture, Grocery, and Commercial Kitchens*); or (ii) measures eligible under the Custom Program (*including new construction*) approved by Ameren Illinois Utilities; or (iii) measures found in the *retro-commissioning program*, as identified in official program materials found on the Act on Energy website. Technologies that purport to save energy through reduction of voltage, demand, or power conditioning are not Qualifying EEMs. EEMs that displace electrical energy use or natural gas to another fuel (i.e., fuel switching proposals) are not Qualifying EEMs. Other than geothermal projects, renewable energy projects (solar, wind power, etc.) are also not eligible for incentives under this program. Unless explicitly pre-approved, EEMs must be new and covered by warranties. The HVAC and refrigeration tune-up program eligibility requirements are specified in their respective Applications. Natural Gas (gas) incentives do not include propane or butane measures.

**j) "Standard Programs"** shall mean those projects associated with Standard gas or electric EEMs. Standard Programs include the following Applications: *Lighting, Motors, HVAC, Refrigeration, Grocery/Convenience, Lodging, Commercial Kitchen, and/or Agriculture*. See the Act on Energy website for Applications for these programs ([www.ActOnEnergy.com](http://www.ActOnEnergy.com)).

**2. ELIGIBILITY:** These terms and conditions shall apply to applications made through AIU's Act On Energy program for all pre-approved Applications and approved Incentive Payment

Requests by Eligible Customers toward the purchase and installation of Qualifying EEMs Energy-efficient equipment or services purchased, contracted for, or work performed prior to receiving Pre-approval by AIU as set forth herein are not eligible for incentive payments under the AIU's program. Standard Program Applications requesting incentive money less than \$5,000 are the EXCEPTION to this Pre-approval requirement – those Applications may be submitted after the project is complete. By not obtaining AIU Pre-approval the Customer assumes the risk that the new equipment may not be eligible, which would make the Application void, and any incentive payment unavailable to the Customer.

**3. THE AGREEMENT:** The agreement between the Customer and AIU ("Agreement") is composed of following documents

- Customer's signed Application, which has been approved by AIU, and/or a signed Incentive Payment Request
- these Terms and Conditions,
- and any Pre-Approval Letters from AIU (See Section 6), if any.

The Agreement shall become effective on the date AIU approves the Customer's Application.

### 4. OWNERSHIP OF CAPACITY AND/OR ENVIRONMENTAL CREDITS:

**a) EEMs** purchased and installed in part through incentives provided by this program are the property of the Customer, subject to any limitations contained within these Terms and Conditions.

**b) Notwithstanding the above, unless otherwise requested in writing by the Customer prior to installation of the EEMs, AIU holds sole rights to any system capacity credits and environmental credits that may be associated with EEMs for which incentives from AIU were received, and AIU can dispose of these credits in any manner authorized by law or regulation.**

**c) In no event shall activity associated with any energy or environmental credits noted in Section 4(b) result in interference with the Customer's sole discretion to operate EEMs as approved in his/her incentive award.**

### 5. PRE-INSTALLATION ANALYSIS, APPROVAL AND SURVEY:

**a) For all Applications, AIU is not obligated to award any incentive payment unless Pre-approval is granted. A pre-installation survey of the Customer's facilities may also be required, unless this provision is waived by AIU. The foregoing requirement does not apply to Customers submitting an Application for incentive payment of up to \$5,000 on any of the Standard Program Applications. Further, "series" Applications will not be accepted for projects that have been broken into a series of smaller projects (multiple incentive Applications of less than \$5,000 for the same project) when the projects were completed at approximately the same time.**

**b) In addition to completing an Application and all required worksheets, the Customer is encouraged to provide any analyses of the energy and demand reduction potential of the proposed EEMs that have been conducted, as supporting documentation to their Application.**

**c) Applications for incentives under the Retro-commissioning Programs will be required to provide analysis prepared by an Act On Energy approved RSP (see [www.ActOnEnergy.com](http://www.ActOnEnergy.com)) for a listing of approved RSPs.**

**d) AIU reserves the right to review independently the Customer's Application and supporting analysis to verify the energy savings, demand reduction potential, and the project equipment and installation cost estimates. AIU also reserves the right to reject or modify any Customer estimates or calculations, based on its analysis.**

**e) AIU shall have complete discretion to approve or disapprove of any proposed EEMs. Further, AIU will only approve Applications for EEMs that AIU believes have reliable and cost-effective energy-savings potential in the proposed use and site.**

**6. PRE-APPROVAL LETTER:** AIU will not pay incentives for any EEMs ordered prior to the date of the Pre-approval Letter, UNLESS, as stated in Section 5a) above, the requested incentive is less than \$5,000 on any Standard Program Application. Pre-approval reserves incentive funds for a period of 90 days from the date of the Pre-approval Letter. After 90 days AIU may revoke the Pre-approval Letter and associated incentive funds, if

in AIU's sole judgment, satisfactory project progress has not been made.

**7. POST-INSTALLATION VERIFICATION:** AIU is not obligated to make any incentive payment until it has performed a satisfactory post-installation verification. This provision may be waived at AIU's sole discretion. If Ameren AIU determines that any EEMs were not installed in a manner consistent with the approved Application, or if unapproved EEMs were installed, or if the installation was not consistent with generally accepted engineering practices, it may require Customer to make changes to remedy the discrepancies and AIU shall not be obligated to make any incentive payment until Customer comes into compliance. Further, AIU shall not be obligated to make any incentive payments until it verifies that the Customer has received, as appropriate, final drawings, operation and maintenance manuals, and operator training. If Qualifying EEMs cannot be located or are not installed in a manner consistent with the provisions of these Terms and Conditions, AIU shall be entitled to money damages equal to the total amount of incentive payments made plus interest. AIU may seek recovery of such damages in any court and shall receive payment for reasonable attorney's fees. For the retro-commissioning programs the RSP will conduct a verification survey and submit the appropriate verification forms to AIU for review and approval as part of the post-installation verification process.

**8. INDEPENDENT TESTING:** AIU reserves the right to deny Applications for projects using any EEMs or equipment that have not been favorably assessed or approved by recognized, independent public authorities, such as (but not limited to) the Underwriter's Laboratory (UL), Intertek ETL, or American Refrigeration Institute (ARI). Further, AIU may, at its sole discretion, require the Customer to undertake, at Customer's expense, testing of a proposed EEM that does not carry the Listing Mark by UL, or an equivalent, at an independent testing facility approved in advance by AIU, as a condition of AIU's approval of the Customer's Application.

### 9. INCENTIVE PAYMENT AMOUNTS:

**a) Customers may receive up to \$600,000 of gas and/or electric incentive money per program year for a facility. Incentive requests up to \$200,000 will be paid at 100%. Incentive requests from \$200,000 to \$600,000 will be paid at 50%. The cumulative incentive requests within a program year will be used to determine the percentage of the incentive that will be paid. For the Custom Program Incentives, the individual EEM incentive payments will not exceed 50% nor be less than 10% of the incremental EEM cost. For new construction, incremental cost is the additional cost (labor and materials) to install higher energy efficiency equipment or design above a baseline that considers typical practice for existing buildings and code requirements. As used in this section, the term facility shall be defined as a contiguous structure or device for which a single Customer is responsible for paying a CILCO, CIPS, or IP electricity bill.**

**b) Customers applying for the Competitive Large Project Incentive may apply for up to \$1,000,000 of incentive money, which have a limit of a maximum of seven years for the payback period.**

**c) For the Retro-commissioning Programs the incentives will be used to defray the cost to the Customer of a Retro-commissioning Survey for a manufacturing/industrial or healthcare facility. In order to qualify for the survey incentive, the Customer must implement EEMs that meet the minimum energy savings requirement outlined in the Pre-approval Letter and have an aggregate payback of less than one year.**

**d) HVAC and refrigeration tune-ups (for both gas and electric equipment) are limited to incentives that are no more than 50% of the tune-up cost (excluding any replacement part costs).**

**e) AIU reserves the right to adjust and/or negotiate the incentive amount, based upon its independent assessment of appropriate savings or cost estimates.**

**f) Once an incentive Application is approved, AIU will pay no more than the approved incentive amount.**

**g) For the Custom Program, AIU will pay no more than the approved fraction (maximum of 50%) of the incremental cost to the Customer of purchasing the EEM, or the pre-approved incentive amount, whichever is less. AIU may, at its sole discretion, recognize incremental installation labor costs (for the Custom Incentive Program) that are unique to the proposed EEM to the extent that they are reasonable, verifiable, and actually incurred by the Customer. AIU shall have the right to lower the**

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# Cash Incentives – Retro-Commissioning: Compressed Air Project Application (Program Year Three: 2010-2011)

incentive payment amount if the quantity and/or cost of EEMs actually installed by the Customer differ from the amount for which Pre-approval was granted. If AIU discovers that the EEMs were not actually and properly installed or were subsequently disconnected within 36 months after installation, AIU shall be entitled to money damages equal to the total amount of incentive payments made plus interest. AIU may seek recovery of such damages in any court and shall receive payment for reasonable attorney's fees.

h) Standard Program Applications that have not requested Pre-approval shall have an incentive payment cap of \$5,000.

**10. EEM COSTS:** The Customer shall provide AIU with copies of all supplier and contractor invoices or other reasonable documentation that verify the costs of purchasing and installing the EEMs, including all materials, labor, and equipment discounts – as specified in each Application. Internal Customer labor costs are not eligible as expenses when calculating the payback period, as required for the Custom Program. Such invoices shall indicate a verifiable breakout of all EEMs purchased for installation under Customer's Application. AIU shall have the right at any time to contact Customer's suppliers or contractors and obtain from them copies of invoices showing the actual price paid by the Customer (including any discounts or incentives) for the EEMs.

## 11. SCHEDULE FOR INCENTIVE PAYMENTS:

a) AIU anticipates paying all approved incentive amounts within 60 days of project completion. The term "project completion" as used in this section shall mean (1) submission to AIU of all final paperwork, as specified in the Application; (2) completion of the approved EEMs; and (3) AIU acceptance of (1) and (2) above, all in accordance with the specifications and requirements contained in the Agreement.

b) AIU reserves the right to apply incentive payments to any of the Customer's unpaid or overdue accounts.

c) Standard Program Applications not requiring Pre-approval must be completed within 90 days from the purchase date of the equipment (as shown on the applicable invoices), and the Application must be submitted within 30 days of the completion date. The term "completion date" as used in Sections 11 and 12 shall mean the date when the EEM is installed and operational. Incentive payments will be awarded based on the invoice date of the purchased equipment if there is a change in incentives between the invoice date and the date the final paperwork is submitted. Non-pre-approved Application may still be eligible for incentive payments if it is received in the next program year (i.e., received in June for work completed in May) if it is received within 30 calendar days of the completion date.

## 12. MONITORING AND EVALUATION FOLLOW-UP VISITS:

AIU reserves the right to make follow-up visits to a Customer's facility during the 36 months following the completion date of the project at a time convenient to the Customer, and with at least one-week advance notice. The purpose of the visit(s) is to review the operation of the EEMs for program evaluation purposes, including monitoring their energy performance. The scope of review is limited to determining whether program conditions have been met. The Customer must allow access to the EEMs and related project documentation.

## 13. CHANGES IN/CANCELLATION OF THE PROGRAM:

a) AIU may change the program requirements, incentives, or these Terms & Conditions at any time without notice, including suspending acceptance of Applications, denial of Applications already received, or terminating the program.

b) In the event of program change, Applications, which have been granted Pre-approval will be processed to completion under the Terms & Conditions in effect at the time of Pre-approval by AIU.

c) Submission of a completed Application does not entitle the Customer to program participation.

d) Cash incentives under AIU's programs are offered on a first-come, first-served basis and are subject to project and Customer eligibility, and the availability of funds.

**14. PUBLICITY OF CUSTOMER PARTICIPATION:** AIU may wish to publicize information relating to the Customer's participation in the program, including such data as: projected project energy savings, the incentive amount, and other information that does not compromise reasonable Customer expectations of confidentiality of proprietary or competitive

information. In such instances, AIU will obtain Customer permission to make such information public.

## 15. INSTALLATION SCHEDULE REQUIREMENTS:

a) Incentive funds for Standard Program Applications that are granted Pre-approval are reserved for 90 days (from the date specified in the Pre-approval Letter), and projects must be completed by the following May 31<sup>st</sup>. Failure to meet the May 31<sup>st</sup> deadline may result in denial of incentive funds for that project.

b) If the Customer has (1) not engaged in installation of the project, which was granted Pre-approval, and has (2) not applied to AIU for a project extension within 90 days from the date of AIU Pre-approval of the project, AIU may cancel the Customer's Application without cost or liability.

## 16. LIMITATION OF LIABILITY AND INDEMNIFICATION:

a) AIU'S TOTAL LIABILITY TO CUSTOMER UNDER THESE TERMS AND CONDITIONS, OR ANY OTHER REQUIREMENT OF CUSTOMER'S APPLICATION OR CONDITION OF INCENTIVE AWARD SHALL BE LIMITED TO PAYING THE INCENTIVE PAYMENTS SPECIFIED IN THE APPLICATION OR PRE-APPROVAL LETTERS. AIU, ITS PARENT, AFFILIATES AND SUBSIDIARIES, AND THEIR DIRECTORS, OFFICERS, EMPLOYEES, OR AGENTS SHALL NOT BE LIABLE TO THE CUSTOMER OR FOR ANY DAMAGES IN TORT (INCLUDING NEGLIGENCE) CAUSED BY ANY ACTIVITIES ASSOCIATED WITH THIS APPLICATION; LOSS OF PROFITS OR REVENUE; LOSS OF USE OF CUSTOMER'S PROPERTY, EQUIPMENT OR POWER SYSTEM; INCREASED COSTS OF ANY KIND, INCLUDING BUT NOT LIMITED TO CAPITAL COST, FUEL COST AND COST OF PURCHASED OR REPLACEMENT POWER; OR ANY SPECIAL, INDIRECT, CONSEQUENTIAL OR INCIDENTAL DAMAGES WHATSOEVER. *BY PARTICIPATING IN THE AMEREN ILLINOIS UTILITIES PROGRAM, CUSTOMER AGREES TO WAIVE ANY CLAIMS AND FULLY RELEASES AMEREN ILLINOIS UTILITIES FROM ANY DAMAGES, OF ANY KIND.*

b) THE CUSTOMER SHALL DEFEND, PROTECT, INDEMNIFY, AND HOLD HARMLESS AIU, ITS PARENT, AFFILIATE AND SUBSIDIARIES, AND THEIR REPRESENTATIVE DIRECTORS, OFFICERS, EMPLOYEES, AND AGENTS FROM AND AGAINST ALL LIABILITIES, LOSSES, CLAIMS, DAMAGES, JUDGMENTS, PENALTIES, COSTS AND EXPENSES (INCLUDING, WITHOUT LIMITATION, ATTORNEY'S FEES AND EXPENSES) WITH RESPECT TO ALL DEMANDS, CLAIMS, SUITS, CAUSES OF ACTION, AND/OR JUDGMENTS FOR INJURIES, INCLUDING DEATH, TO ANY PERSON, OF THIRD PARTIES, AND FOR PROPERTY DAMAGE INCURRED BY OR ASSESSED AGAINST THE AIU ARISING OUT OF OR RELATING TO CUSTOMER'S APPLICATION.

c) Customer assumes all responsibility for meeting applicable codes and standards including, but not limited to: IES lighting levels, NEC standards, and fulfilling requirements for equipment used in wet/damp locations.

## 17. NO WARRANTIES:

a) AIU AND ITS PARENT, AFFILIATES, EMPLOYEES, AND AGENTS DO NOT MAKE ANY REPRESENTATIONS OR WARRANTIES OF ANY KIND REGARDING THE RESULTS TO BE ACHIEVED BY THE EEMS OR THE ADEQUACY OR SAFETY OF SUCH MEASURES. AIU AND ITS PARENT, AFFILIATES, EMPLOYEES, AND AGENTS DO NOT ENDORSE, GUARANTEE, OR WARRANT ANY PARTICULAR MANUFACTURER, CONTRACTOR OR PRODUCT, AND IT PROVIDES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR IMPLIED WARRANTY OF FITNESS FOR ANY PRODUCT OR SERVICES.

b) AIU IS NOT LIABLE OR RESPONSIBLE FOR ANY ACT OR OMISSION OF ANY THIRD PARTY CONTRACTOR, MANUFACTURER, SUPPLIER, OR VENDOR (IF ANY). THE CUSTOMER'S RELIANCE ON WARRANTIES IS LIMITED TO ANY WARRANTIES THAT MAY BE PROVIDED BY CONTRACTORS, MANUFACTURERS, SUPPLIERS, OR VENDORS.

c) NEITHER AIU NOR ITS PARENT, AFFILIATES, EMPLOYEES, OR AGENTS ARE RESPONSIBLE FOR ASSURING THAT THE DESIGN, ENGINEERING, AND CONSTRUCTION OF CUSTOMER'S FACILITY OR INSTALLATION OF THE EEMS IS PROPER OR COMPLIES WITH ANY PARTICULAR LAWS, REGULATIONS, CODES, OR INDUSTRY STANDARDS.

**18. CUSTOMER SHALL PAY ALL TAXES:** Incentive payments received by the Customer under this Agreement may be taxable by the federal, state, and local government. The Customer is responsible for declaring and paying all such taxes.

**19. CONTRACTOR/VENDOR SELECTION:** The Customer may select any contractor/vendor to perform the work contemplated. Completion of the Retro-commissioning Survey is limited to a list of pre-approved Retro-commissioning Service providers, unless written permission is granted by AIU to use outside services, prior to obtaining Pre-approval. However, AIU reserves the right to prohibit specific contractors/vendors from program participation, in its sole discretion. In the situation where multiple contractors/vendors are bidding on the same job, only one Application will be reviewed. In addition, if there is a change in contractor/vendor after approval has been granted, then an updated Application must be submitted to reflect possible changes in the incentive level, change in completion date, and to allow AIU to verify equipment eligibility.

**20. REMOVAL OF EQUIPMENT:** The Customer agrees, as a condition of participation in the program, to remove and dispose of any equipment being replaced by the EEMs in accordance with all applicable laws, rules, and regulations. The Customer further agrees not to reinstall any of replaced equipment anywhere in Illinois, or transfer it to any other party for installation in Illinois.

## 21. MISCELLANEOUS:

a) Paragraph headings are for the convenience of the parties only and are not to be construed as part of these Terms and Conditions.

b) The Customer acknowledges that the only authorized representatives to bind AIU under this program are AIU employees and authorized agents of AIU.

c) Except as expressly provided herein, if either AIU or the Customer desires to modify these Terms and Conditions, the modification must be in writing and signed by an authorized representative of the party against which enforcement of the modification is sought.

d) If any provision of the Terms and Conditions is deemed invalid by any court or administrative body having jurisdiction, such ruling shall not invalidate any other provision, and the remaining Terms and Conditions shall remain in full force and effect in accordance with their terms.

e) If a dispute arises out of, or relates to Customer's Application or the Agreement, or the breach thereof, and if the dispute cannot be settled through good faith negotiation between the parties within fourteen days of receipt of written notice of the dispute, then all disputes, claims, questions, or differences shall be finally settled by arbitration administered by the American Arbitration Association in accordance with the provisions of its Commercial Arbitration Rules. In all other cases, the arbitral tribunal shall be composed of one arbitrator. The seat of arbitration shall be St. Louis, Missouri. The arbitrator may not rule ex aequo et bono or as amiable compositeur. Any award shall be in writing, and shall specify the factual or legal basis for the award. In no event, shall the arbitral panel award damages in violation of Article 16 (above) or alter, amend or modify the terms and conditions of this Contract. The decision by the arbitrator shall be final and binding upon the parties, their successors, and assigns and the parties shall comply with such decision in good faith without delay. The parties also agree that a duly certified copy of the arbitral award shall be conclusive evidence thereof. Judgment upon the award may be entered in any court having jurisdiction. Resolution of disputes concerning these Terms and Conditions, or any other requirement of this Application or condition of incentive award, resolution will be governed in all respects by the laws, statutes, and regulations of the State of Illinois.

f) AMEREN ILLINOIS UTILITIES AND CUSTOMER HEREBY IRREVOCABLY AND UNCONDITIONALLY WAIVE ANY RIGHT EITHER SUCH PARTY MAY HAVE TO A TRIAL BY JURY OR TO INITIATE OR BECOME A PARTY TO ANY CLASS ACTION CLAIMS IN RESPECT OF ANY ACTION, SUIT OR PROCEEDING DIRECTLY OR INDIRECTLY ARISING OUT OF OR RELATING TO THIS APPLICATION OR THE TRANSACTIONS CONTEMPLATED BY THIS APPLICATION.

g) Customer shall not assign any rights it may have under this Application or agreement without the prior written consent of AIU, except for the optional assignment of cash incentives as provided for in the Application. Any assignment in violation hereof shall be deemed null and void.

## Mail/Fax Application to:

Ameren Illinois Utilities, Act On Energy® Business Program,  
300 Liberty Street, Peoria, IL 61602 • Fax: 309-677-7950

Questions: call toll-free: 866-800-0747 • ActOnEnergyBusiness@Ameren.com • ActOnEnergy.com



# Cash Incentives – Retro-Commissioning: Compressed Air Project Application (Program-Year Three: 2010-2011)



**Table 4. SUMMARY OF EXISTING EQUIPMENT**

Customer Company Name
RSP Company Name
Project No. (from your pre-approval letter)
<b>EXISTING EQUIPMENT INVENTORY</b>
<u>Note:</u> This outline is intended as a guideline of the minimum information required about the inventory of the existing equipment. Please feel free to provide any additional information you have that would help describe the configuration of the current system.
<ul style="list-style-type: none"> <li>○ Existing compressors (ID name/number; hp; date installed; compressor type and control mode (VSD, throttled inlet, load/unload, etc))</li> <li>○ Auxiliary equipment               <ul style="list-style-type: none"> <li>○ Flow Controller (ID name/number; pressure range (PSI); date installed)</li> <li>○ Air Receiver Tank (ID name/number; capacity (gal.); date installed)</li> <li>○ Sequencer (ID name/number; Compressors Controlled (ID name/number); date installed)</li> <li>○ Air Dryer (ID name/number; capacity (cfm); dryer type; controls (dew-point, demand, etc.); date installed)</li> </ul> </li> <li>○ System Settings (plant pressure range (PSI); pressure set point (PSI); plant flow range (cfm); average flow (cfm))</li> <li>○ Description of control scheme/sequence of operations (modulating, turn-valve, load/unload, variable speed control)</li> <li>○ Description of the uses of compressed air in this facility</li> </ul>

**Table 5. SURVEY SCOPE (EXISTING EQUIPMENT)**

Survey Scope Check all that apply		Pro-forma Estimates	
<input type="checkbox"/> Leak loss reduction <input type="checkbox"/> Inappropriate uses <input type="checkbox"/> Pressure set point reduction <input type="checkbox"/> Sequence of operations optimization <input type="checkbox"/> Dryer operation and controls <input type="checkbox"/> Drains <input type="checkbox"/> Piping improvements <input type="checkbox"/> Other (please specify): _____		Energy savings measures (list of measures with 0-1 year payback)	
		Energy savings measures (list of measures with 1+ year payback)	
		Survey cost (\$) _____	Incentive range (50-80% of survey cost) (\$) _____
A	Estimated Annual kWh Savings	(0-1 year payback measures only, for the entire system)	_____ (kWh)
B	Your Electric Rate	(money spent on electricity for a year) divided by (kWh used in a year)	_____ cents/kWh
C	Estimated Savings	A X B	\$ _____
D	Estimated Implementation Cost	(The 0-1 year payback measures only)	\$ _____
E	Simple payback	D ÷ C	_____ (years)

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 300 Liberty Street, Peoria, IL 61602 • Fax: 309-677-7950

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# Cash Incentives – Retro-Commissioning: Compressed Air Project Application (Program-Year Three: 2010-2011)



**Table 6. LEAK LOSS REDUCTION AND INAPPROPRIATE USES SURVEY CHECKLIST**

Customer Company Name		
RSP Company Name		
Project No. (from your pre-approval letter)		
<b>Task</b>	<b>Completed by (initials)</b>	<b>Date</b>
Obtain compressed air system drawings (when available) from customer's engineering department		___ / ___ / ___
Use system drawings (when available) to develop an inspection route and to make annotations during leak survey		___ / ___ / ___
Conduct a compressed air system walkthrough to understand system components, operating parameters, sequence of operations, and known deficiencies		___ / ___ / ___
Select an ultrasonic leak detector and accessories that are appropriate for the system being inspected		___ / ___ / ___
Ensure that leak detector and accessories are calibrated and in good condition		___ / ___ / ___
Identify and document (in the implementation plan) any inappropriate uses of compressed air such as open blowing, housekeeping, etc.		___ / ___ / ___
Find, tag, and document the leaks		___ / ___ / ___
Use the Leak Survey Log (Table 11) to document the leaks		___ / ___ / ___
Provide a copy of the leak survey log to the leak repair team (RSP, customer, or customer's contractor)		___ / ___ / ___

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Questions: call toll-free: 866-800-0747 • ActOnEnergyBusiness@Ameren.com • ActOnEnergy.com





**Table 8. IMPLEMENTATION PLAN OUTLINE**

Customer Company Name

RSP Company Name

Project No. (from your pre-approval letter)

**Note:** This outline is intended as a general guideline for the implementation plan report and may be modified based on the scope of the Retro-commissioning Survey for each project.

- Executive Summary
- Facility Profile and Contact Information
- Equipment Summary
- Equipment Data
- Compressed Air Systems Drawings (when available)
- Monitoring Equipment & Probe Locations
- Air Quality Data
- Annual Energy Costs
- Leak Survey Summary
- Leak Survey Log
- Leak Survey Calculations
  - Determine quantity of each leak size
  - Determine estimated total cfm lost to leakage
  - Determine leaks as a % of active generation capacity (estimated total cfm lost/total cfm generation capacity x 100)
  - Determine leaks as a % of average cfm demand (estimated total cfm lost/average cfm demand x 100)
  - Determine energy lost due to leaks (kW) (estimated total cfm lost/plant cfm per kW)
  - Determine annual energy usage lost due to leaks (kWh) (kW x operating hours/year)
- Piping Pressure Drop Analysis (if applicable)
- Flow and Pressure Data Logging Results (if applicable)
- Inappropriate Uses of Compressed Air (such as open blowing, housekeeping, etc.)
- System Performance Summary
- Retro-Commissioning Measures Recommendations
- Capital Improvement Measures Recommendations

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# Cash Incentives – Retro-Commissioning: Compressed Air Project Application (Program-Year Three: 2010-2011)



**Table 9. PROGRAM COMMITMENT FORM**

<b>Ameren Illinois Utilities Customer Name and Contact Information</b>			
Company	Mailing Address	Contact Person	E-mail Address
Company Phone	Company Fax	Contact Phone	Contact Cell
<b>Retro-Commissioning Service Provider (RSP) Name and Contact Information</b>			
Company	Mailing Address	Contact Person	E-mail Address
Company Phone	Company Fax	Contact Phone	Contact Cell
<b>Retro-Commissioning Survey Recommendations</b>			
<p>The following survey recommendations will be implemented by the customer to meet the minimum requirements of the Act On Energy program:                      (Please briefly list the measures to be implemented here and attach a copy of the RSP's Retro-commissioning Implementation Plan (Table 8) describing these measures in detail).</p>			
<b>Savings and Incentive Information</b>			
A	RSP Survey Cost \$ _____ (from Table 5)		
B	Act On Energy Program Incentive \$ _____ ( ____ % of survey cost - found in the preapproval letter)		
C	Minimum Annual Savings Requirement: _____ kWh (found in the pre-approval letter)		
D	Planned savings of the 0-1 year measures to be implemented _____ kWh (to be determined)		
E	Installed Cost of Planned Measures \$ _____ (excludes survey cost; labor can be via RSP, other contractor, or in-house;) – (amount to be determined)		
F	Aggregate Payback of Implemented Measures (E ÷ D) _____ (must be less than 1 year)		
<b>Terms and Conditions</b>			
<ul style="list-style-type: none"> <li>• Minimum annual savings requirement must be met via the implementation of measures listed on this form on or before May 31, 2011, the program year deadline.</li> <li>• Failure to proceed with the implementation of the listed measures and/or failure to meet the program-year deadline may result in the forfeit of Act On Energy Program incentives.</li> <li>• Confirmation of measures implementation via the submittal of a verification report by the Retro-commissioning Service Provider is required.</li> </ul>			
<b>Owner Acknowledgement and Commitment</b>			
<p>I have reviewed the Retro-commissioning Implementation Plan Outline (Table 8) with the Retro-commissioning Service Provider and with an Act On Energy program representative. I am prepared to implement the energy savings measures in order to meet the minimum annual energy savings requirements and the program year deadline as described in this application.</p>			
Customer Signature: _____		Title: _____	
Printed Name: _____		Date: _____	

**Mail/Fax Application to:**

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 300 Liberty Street, Peoria, IL 61602 • Fax: 309-677-7950

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# Cash Incentives – Retro-Commissioning: Compressed Air Project Application (Program-Year Three: 2010-2011)



**Table 10. VERIFICATION SURVEY CHECKLIST**

Customer Company Name	
RSP Company Name	
Project No. (from your pre-approval letter)	
<ul style="list-style-type: none"> <li>The verification survey is necessary due to the fact that the RSP, the customer, or the customer’s contractor may have implemented the energy-efficiency measures under this program.</li> <li>The intent of the verification survey is to conduct a spot check of the energy-efficiency measures agreed to in the program commitment form to verify that those measures have been implemented.</li> </ul>	
Customer Initials and Date ____ / ____ / ____	The customer shall notify the RSP and Act On Energy that the implementation phase has been completed and that the verification survey can be conducted.
RSP Initials and Date ____ / ____ / ____	The RSP shall schedule and conduct the verification survey.
RSP Initials and Date ____ / ____ / ____	At the conclusion of the verification survey, the RSP shall submit the verification form to Act On Energy with a copy to the customer. This form will represent the approval for payment documentation for the project.

**Mail/Fax Application to:**

Ameren Illinois Utilities, Act On Energy® Business Program,  
300 Liberty Street, Peoria, IL 61602 • Fax: 309-677-7950

Questions: call toll-free: 866-800-0747 • ActOnEnergyBusiness@Ameren.com • ActOnEnergy.com



# Cash Incentives – Retro-Commissioning: Compressed Air Project Application (Program-Year Three: 2010-2011)



**Table 11. VERIFICATION SURVEY FORM**

Customer Company Name		
RSP Company Name		
Project No. (from your pre-approval letter)		
<b>Leak Loss Reduction</b>		
Description of Measure:		Description of Survey Approach:
Discrepancies Noted: Y/N and comments		Satisfactory Implementation: Y/N and comments
Initials:	Date:	Please attach an updated copy of the leak survey log.
<b>Inappropriate Uses</b>		
Description of Measure:		Description of Survey Approach:
Discrepancies Noted: Y/N and comments		Satisfactory Implementation: Y/N and comments
Initials:	Date:	
<b>Sequencer</b>		
Description of Measure:		Description of Survey Approach:
Discrepancies Noted: Y/N and comments		Satisfactory Implementation: Y/N and comments
Initials:	Date:	
<b>Flow Controller</b>		
Description of Measure:		Description of Survey Approach:
Discrepancies Noted: Y/N and comments		Satisfactory Implementation: Y/N and comments
Initials:	Date:	

**Mail/Fax Application to:**

Ameren Illinois Utilities, Act On Energy® Business Program,  
300 Liberty Street, Peoria, IL 61602 • Fax: 309-677-7950

Questions: call toll-free: 866-800-0747 • ActOnEnergyBusiness@Ameren.com • ActOnEnergy.com



# Cash Incentives – Retro-Commissioning: Compressed Air Project Application (Program-Year Three: 2010-2011)

<b>Air Dryer</b>	
Description of Measure:	Description of Survey Approach:
Discrepancies Noted: Y/N and comments	Satisfactory Implementation: Y/N and comments
Initials:	Date:
<b>Piping</b>	
Description of Measure:	Description of Survey Approach:
Discrepancies Noted: Y/N and comments	Satisfactory Implementation: Y/N and comments
Initials:	Date:
<b>Compressors</b>	
Description of Measure:	Description of Survey Approach:
Discrepancies Noted: Y/N and comments	Satisfactory Implementation: Y/N and comments
Initials:	Date:
<b>Air Receiver Tank</b>	
Description of Measure:	Description of Survey Approach:
Discrepancies Noted: Y/N and comments	Satisfactory Implementation: Y/N and comments
Initials:	Date:

**Mail/Fax Application to:**

Ameren Illinois Utilities, Act On Energy<sup>®</sup> Business Program,  
300 Liberty Street, Peoria, IL 61602 • Fax: 309-677-7950

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# Cash Incentives – Retro-Commissioning: Compressed Air Project Application (Program-Year Three: 2010-2011)



<b>Systems Setting</b>	
Description of Measure:	Description of Survey Approach:
Discrepancies Noted: Y/N and comments	Satisfactory Implementation: Y/N and comments
Initials:	Date:
<b>Control Scheme/Sequence of Operations</b>	
Description of Measure:	Description of Survey Approach:
Discrepancies Noted: Y/N and comments	Satisfactory Implementation: Y/N and comments
Initials:	Date:

**Mail/Fax Application to:**

Ameren Illinois Utilities, Act On Energy® Business Program,  
300 Liberty Street, Peoria, IL 61602 • Fax: 309-677-7950

Questions: call toll-free: 866-800-0747 • ActOnEnergyBusiness@Ameren.com • ActOnEnergy.com



**APPENDIX A – INITIAL APPLICATION CHECKLIST (Retro-Commissioning: Compressed Air)**

Send completed copy with application

Critical information that is required for your incentive application includes:

- Completed Tables 2-5 (If you don't have an RSP, complete Tables 2 and 3, and Appendices A, B, and C (if required) to begin the process).
- Estimated project completion date and Customer signature in the Summary of Planned Measures (Table 3).

Frequently omitted information includes:

- Landlord Consent Form (Appendix B) if you are a tenant.

Optional

- Payment Release Authorization Form (Appendix C), if the incentive check is to be paid to someone other than the Ameren Illinois Utilities' customer.

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**Mail/Fax Application to:**

Ameren Illinois Utilities, Act On Energy<sup>®</sup> Business Program,  
300 Liberty Street, Peoria, IL 61602 • Fax: 309-677-7950

Questions: call toll-free: 866-800-0747 • ActOnEnergyBusiness@Ameren.com • ActOnEnergy.com



**APPENDIX B – LANDLORD CONSENT FORM**

**INSTRUCTIONS FOR LANDLORD CONSENT FORM**

- 1) If you are a tenant, your landlord must sign this form.
- 2) Fill out all fields on this form.
- 3) Mail or fax this form, along with your application for an Act On Energy incentive, to the address or fax number listed below.

**AMEREN ILLINOIS UTILITIES CUSTOMER INFORMATION**

Company Name:

Mailing Address:

City:	State:	Zip Code:
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Contact Name/Title:

E-mail Address:	Telephone:	Fax:
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**Physical Installation Address (Required):**

City:	State: <b>IL</b>	Zip Code:
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**LANDLORD INFORMATION**

**Landlord Consent:** I (please print) \_\_\_\_\_

as the owner (or owner's authorized agent) of the property where the energy efficiency measures specified on the attached application are to be installed and/or modified, consent to the permanent installation of these measures and agree that they will remain in place for their useful life.

**Landlord Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Mail/Fax Application to:**

Ameren Illinois Utilities, Act On Energy<sup>®</sup> Business Program,  
300 Liberty Street, Peoria, IL 61602 • Fax: 309-677-7950

Questions: call toll-free: 866-800-0747 • ActOnEnergyBusiness@Ameren.com • ActOnEnergy.com



**APPENDIX C – PAYMENT RELEASE AUTHORIZATION FORM (OPTIONAL)**

Complete this appendix **ONLY** if incentive payment is to be paid to an entity other than the Ameren Illinois Utilities customer of record (listed in Table 2).

I am authorizing the payment of the incentive to the third party named below and I understand that I will not be receiving the incentive payment from Ameren Illinois Utilities. I also understand that my release of the payment to a third party does not exempt me from the program requirements outlined in the Terms and Conditions.

**Authorized By:**

Company Name <i>(Ameren Illinois Utilities Customer)</i>	Date
Customer Signature	Print Name

**CHECK SHOULD BE MADE PAYABLE TO:**

Payee (Company/Individual Name):

Mailing Address:	City:	State:	Zip Code:
Contact Person	Email Address:		
Telephone:	Fax:		
Tax ID (SSN/FEIN):	Tax Status:		
	<input type="checkbox"/> Individual	<input type="checkbox"/> Partnership	
	<input type="checkbox"/> Corporation	<input type="checkbox"/> Exempt	

**Mail/Fax Application to:**

Ameren Illinois Utilities, Act On Energy<sup>®</sup> Business Program,  
300 Liberty Street, Peoria, IL 61602 • Fax: 309-677-7950

Questions: call toll-free: 866-800-0747 • ActOnEnergyBusiness@Ameren.com • ActOnEnergy.com



# Cash Incentives – Retro-Commissioning: Compressed Air Project Application (Program-Year Three: 2010-2011)



## APPENDIX D – LARGE INCENTIVE REQUEST FORM (Compressed Air – Retro-Commissioning Program)

**Required for all incentive requests greater than \$25,000**

Act On Energy works with eligible Ameren Illinois Utilities' business customers to install and/or modify cost-effective energy-efficiency projects. The program intent is to subsidize the up-front costs of energy-efficiency projects that would not have been completed without Ameren Illinois Utilities' assistance.

Please take a moment to document how the requested financial incentive from Act On Energy is critical to the success of your project. Completion of this form does not guarantee the award of an incentive. Mail or fax along with the incentive application to the address on the bottom of the page.

### Customer Information

Company Name:	Contact:
Project Address:	Phone:

### Applicable Retro-Commissioning Service Provider (RSP)

RSP Company:	Contact:
--------------	----------

### Project Description

Brief Description of Project:
Survey Incentive (\$):

### Financial Incentive Impact Questionnaire:

Act On Energy understands that energy savings is just one of many potential benefits of a project. Please rate the following benefits as they pertain to the project described above.

(0 = not an expected benefit of this project, 5 = major benefit of this project)

- |                                      |             |
|--------------------------------------|-------------|
| 1. Energy Cost Savings               | 0 1 2 3 4 5 |
| 2. Leak loss reduction               | 0 1 2 3 4 5 |
| 3. System tune-up                    | 0 1 2 3 4 5 |
| 4. Identification of future projects | 0 1 2 3 4 5 |
| 5. Other _____                       | 0 1 2 3 4 5 |

The intent of the Act On Energy financial incentive program is to subsidize the up-front costs of energy efficiency projects that would not have been completed without Ameren Illinois Utilities' assistance. **Please complete the following statement**, and sign below:

*The project described above would not be completed without the requested Act On Energy incentive money because:*

\_\_\_\_\_  
**Customer Signature**

\_\_\_\_\_  
**Date**

(This form must be completed and signed by the customer, not the Retro-commissioning Service Provider)

#### Mail/Fax Application to:

Ameren Illinois Utilities, Act On Energy® Business Program,  
300 Liberty Street, Peoria, IL 61602 • Fax: 309-677-7950

Questions: call toll-free: 866-800-0747 • ActOnEnergyBusiness@Ameren.com • ActOnEnergy.com



**APPENDIX E. APPROVED COMPRESSED AIR RETRO-COMMISSIONING SERVICE PROVIDERS (RSP)**

**AECOM USA, Inc.**

Contact: <b>David Horton</b>	Phone: <b>(309) 495-6576</b>	Fax: <b>(309) 676-5445</b>	E-mail Address: <b>David.horton@aecom.com</b>
Address: <b>111 NE Jefferson Ave., Peoria, IL 61602-1127</b>		Company Web Site: <b>www.aecom.com</b>	

AECOM will identify a custom approach and methodology for each facility to address leak loss reduction, resolve inappropriate compressed air usage and address system tune-ups. A plant specific approach will be provided for each facility based on our direct discussions with the plant personnel. Our theoretical and practical experience at various industrial facilities provides a realistic ability to identify inefficiencies in various mechanical systems, including compressed air systems. Depending on plant production schedules, shift operations, system information, available system data, hazard analysis, and other plant specific requirements and variables, AECOM will focus on the known areas of concern and adjust the scope of the work as data is collected to support and/or identify additional areas of concern. We suggest regular meetings with the system owner to review the status of the survey and to make any adjustments to the scope of work as deemed appropriate.

**AIRLEADER**

Contact: <b>Jan Hoetzel</b>	Phone: <b>(616) 828-1024</b>	Fax: <b>(616) 386-1744</b>	E-mail Address: <b>jan.hoetzel@airleader.us</b>
Address: <b>4661 Oakwright Dr NE, Ada, MI 49301</b>		Company Web Site: <b>www.airleader.us</b>	

We provide compressed air system audits using state of the art high speed data logging equipment that provides precise performance data, cost information and system benchmarks. Our approach is unparalleled in the industry. Our system audits include ultrasonic leak detection, a detailed supply system audit as well as air demand and application review.

A detailed list with all improvements opportunities with pay-back time calculations (below and above 1 Year) is prepared for the client. Information gathered provides the action plan and is used to compare system performance before and after making improvements, making our system a very transparent and easy to verify approach.

**Compressed Air Technologies Inc.**

Contact: <b>Mark J. Marino</b>	Phone: <b>(716) 998-6721</b>	Fax: <b>(716) 937-9149</b>	E-mail Address: <b>catinc000123@cs.com</b>
Address: <b>1167 Exchange Street, Alden, NY 14004</b>		Company Web Site: <b>www.compressedairtechnology.com</b>	

Compressed Air Technologies Inc (CAT Inc.) is dedicated solely to compressed air systems. As an INDEPENDENT auditor, CAT Inc. can provide the following services:

- Supply Side Analysis
- Demand Side Analysis
- Point of Use Analysis
- Air Leak Study
- Dewpoint Analysis

A Compressed Air Energy Audit once implemented will:

- Substantially reduce energy and maintenance costs associated with compressed air.
- Stabilize production and eliminate inconsistent product quality, by eliminating pressure fluctuations.
- Improve the reliability and quality of compressed air.

**John Henry Foster Co.**

Contact: <b>Chad Struckmann</b>	Phone: <b>(314) 427-0600 x272</b>	Fax: <b>(314) 874-0972</b>	E-mail Address: <b>chads@jhfc.com</b>
Address: <b>4700 LeBourget Drive, St. Louis, MO 63134</b>		Company Web Site: <b>www.jhf.com</b>	

**Mail/Fax Application to:**

Ameren Illinois Utilities, Act On Energy<sup>®</sup> Business Program,  
300 Liberty Street, Peoria, IL 61602 • Fax: 309-677-7950

Questions: call toll-free: 866-800-0747 • ActOnEnergyBusiness@Ameren.com • ActOnEnergy.com



# Cash Incentives – Retro-Commissioning: Compressed Air Project Application (Program-Year Three: 2010-2011)



JHF has many ways to improve efficiencies and reduce energy consumption consumed by a customer's compressed air system. Through ultrasonic leak detection we measure, record and tag leaks in the system. We are able to calculate the flow through the leak and the cost associated to it. Through our Supply Side Assessments, we record data for seven days to show how much air a customer is consuming, pressure drop, wasted demand and recommend more efficient measures to supply the compressed air. With our Full System Assessments we provide an auditor in plant for several days to measure both supply and demand of the compressed air system. We study the system from the compressors through distribution piping to the points of use to determine more efficient ways to run production and operate the compressed air system.

Our approach is to increase production while reducing energy consumption. We must first make sure the demand side is operating as efficiently as possible and then design the supply side to support it.

## Model Air Systems LLC

<b>Contact:</b> <b>Jim Rafferty</b>	<b>Phone:</b> <b>(317) 223-8225</b>	<b>Fax:</b> <b>(317) 826-7639</b>	<b>E-mail Address:</b> <b>jrafferty@modelairsystems.com</b>
<b>Address:</b> <b>PO Box 361242, Indianapolis, IN 46236</b>		<b>Company Web Site:</b> <b>http://modelairsystems.com</b>	

Model Air Systems is an independent consulting firm dedicated to improving the performance, efficiency and reliability of industrial compressed air systems. Our mission is to develop a lasting relationship with our clients that will lead to a positive impact on their bottom line thru compressed air system optimization. Model Air systems offer technologies and services that will educate our clients in the areas of monitoring, evaluation and management of their industrial systems that will result in substantial energy savings.

## Power Supply Industries

<b>Contact:</b> <b>Jim Timmersman</b>	<b>Phone:</b> <b>(636) 343-5252</b>	<b>Fax:</b> <b>(636) 343-1580</b>	<b>E-mail Address:</b> <b>Jim.timmersman@psiind.com</b>
<b>Address:</b> <b>201 Sun Valley Circle, Fenton, MO 63026</b>		<b>Company Web Site:</b> <b>www.psiind.com</b>	

Power Supply Industries and Power Supply of Illinois (PSI) has been a supplier of compressed air equipment since 1983. For more than 26 years, we have provided service to the industrial community on reciprocating, rotary screw, and centrifugal air compressors. Our service capability goes beyond the air compressor by including all accessory equipment.

Our most valuable asset is the people employed by Power Supply. 38 of the best people to be exact, including our offices located in St. Louis Missouri, Decatur Illinois, and Peoria Illinois. These people are highly skilled and will provide you with technical information, parts and service. Twelve factory trained service technicians are available and on call 24 hours per day, 7 days a week to service your compressed air system and maximize your up time.

We are specialist in the air compressor business. Over 90% of our business is compressed air and compressed air systems. We are focused more than anyone in the Industry.

PSI is a licensed mechanical contractor in St. Louis County. We have installed many compressed air systems in the Southern Illinois and Eastern Missouri area. Installation capabilities include mechanical and electrical work.

All of our service trucks are on the road parts warehouses. For this reason a large percentage of the service calls we make on your compressed air system will be repaired on the first visit. Your compressors and accessories are in stock through 500 HP, new and used. Your new or used purchase can be financed through a lease purchase or a rental purchase program.

**PSI is in the business of furnishing energy efficient equipment on the supply side and demand side of your compressed air system. We have an entire division devoted to air audits and compressed air system management, offering D.O.E. Air Master Certified auditors. We have saved Midwest manufacturing companies over \$20,000,000 in energy cost in the past 5 years.**

Power Supply also has a division that offers and services low-pressure applications and vacuum applications.

### Mail/Fax Application to:

Ameren Illinois Utilities, Act On Energy<sup>®</sup> Business Program,  
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