Received: _____ Project # _____ ___ Pre-App __ Final App

(***Applicant:*** Please include this cover page, which IMEA will complete.)

ILLINOIS MUNICIPAL ELECTRIC AGENCY
ELECTRIC EFFICIENCY PROGRAM

INCENTIVES FOR IMEA MEMBER COMMERCIAL / INDUSTRIAL and PUBLIC SECTOR ENTITIES

Variable Speed Drives for HVAC Fans and Pumps

NOTE: VSD applications not covered in this prescriptive measure application may be Custom Projects (see http://www.imea.org/EE%20Incentives.asp).

May 2025

Program Year FY 2025-26
May 1, 2025 – April 15, 2026

NOTE TO APPLICANTS ABOUT PROGRAM FUNDING AND PROJECT START DATES:

IMEA Member municipalities have limited funding. You may want to contact the program administrator to check on funding availability before making a pre-application.

Projects that hope to receive an incentive should not begin until they have:

a) **submitted a pre-application;**
b) **received a Notice to Proceed from the city and/or IMEA, and;**
c) **had a pre-inspection (if required by the municipality).**

Program Contact:

Rodd Whelpley
Program & Communications Administrator
Illinois Municipal Electric Agency
3400 Conifer Drive
Springfield, IL 62711
Ph: 217-789-4632 or 800-243-4632
FAX: 217-789-4642
rwhelpley@imea.org

A SUMMARY OF HOW THIS PROGRAM WORKS

NOTE: Applicants who want to receive an incentive for an electric efficiency project should not begin the project until they have received a Notice to Proceed (see items 5 and 6 below). Pre-approval is required for all projects.

1. The applicant fills out this application (Pre-Application) and gathers the additional required materials that constitute a complete application (see the checklist on page 3). **Before filing an application, IMEA suggests contacting the program administrator, Rodd Whelpley** (217-789-4632 or rwhelpley@imea.org), **to check on a city's funding availability.** Funds are limited and go fast in several IMEA cities.

2. The applicant sends all materials constituting a pre-application to Rodd Whelpley at the Illinois Municipal Electric Agency (rwhelpley@imea.org), **as a single PDF file. No more than one application per e-mail.**

3. Rodd Whelpley will review the pre-application and make any necessary adjustments or corrections. Once it is in order, he will pass the pre-application to the IMEA Board Member or another designated official representing the applicant's municipality.

4. City officials will review the pre-application (and may make any necessary adjustments or corrections). City officials will determine the incentive amount they will offer. This amount may be between $0 up to the amount for which the project qualifies. City Officials will communicate their decision to Rodd Whelpley at IMEA. *City officials may set additional caps, limits and rules that are in addition to those listed in this general IMEA application.*

5. Rodd Whelpley will send the applicant a Notice to Proceed. The Notice to Proceed sets aside funding solely for this project. Also, with the Notice to Proceed, Rodd will communicate any instructions from the city concerning pre-inspections. (In most cases, IMEA does not require a pre-inspection, but some member cities require them.)

6. ***NOTE:*** Applicants who want to receive an incentive for an electric efficiency project should not begin the project until they have received a Notice to Proceed and have had a pre-inspection (if required). Pre-approval is required for all projects.

7. The applicant does the project (and, if necessary, has a post-inspection).

8. The applicant gathers the necessary materials that constitute a complete final application (see the checklist on page 4) and sends that to Rodd Whelpley (rwhelpley@imea.org) as a single PDF file. GENERALLY, for projects that don't change from how they were described in the pre-application, we make a short cut, and the final application is comprised only of sending copies of all final and paid, itemized bills associated with the project preferably as a single PDF file.

9. Rodd Whelpley reviews the final application and makes any necessary adjustments or corrections.

10. IMEA deposits the incentive funds into an account designated on the applicant/payee's Automated Clearing House Payment Authorization form.

IMEA ELECTRIC EFFICIENCY PROGRAM
PRE-APPLICATION CHECKLIST AND SUBMISSION REQUIREMENTS

A Complete Pre-Approval Application must include:

- ☐ Completed Pre-Approval Application (found at http://www.imea.org/EE%20Incentives.asp). Applicant must include the cover page and complete pages 3, and 5-13 MUCH easier than it sounds.
- ☐ Signed Certification (**page 6** of this application).
- ☐ A signed letter of assignment if the incentive will go to any entity other than the local applicant or the national headquarters of the local applicant.
- ☐ A project budget (not a single Total Project Cost figure reported on page 5). (Vendor bids may constitute a budget.)
- ☐ Manufacturer spec sheets for new equipment.
- ☐ Copy of applicant's electric bill.

To Submit a Pre-Application

1. **Gather materials listed above.**

2. **Put them into a single PDF file.**

3. **E-mail the application as a single PDF file to Rodd Whelpley at rwhelpley@imea.org. No more than one application per e-mail.**

NOTE: Applications comprised of multiple files delay processing and will very likely be returned to the applicant un-opened.

If you have questions, e-mail Rodd Whelpley or call 217-789-4632.

IMEA ELECTRIC EFFICIENCY PROGRAM
FINAL APPLICATION CHECKLIST AND SUBMISSION REQUIREMENTS

A Complete Final Application must include:

- ☐ Completed Final Application (found at http://www.imea.org/EEProgram.aspx). Applicant must include the cover page and complete pages 4 and 5 -13 MUCH easier than it sounds.
- ☐ Signed Certification (**page 6** of this application)
- ☐ A signed letter of assignment if the incentive will go to any entity other than the local applicant or the national headquarters of the local applicant. *If the incentive is assigned, then the final customer billing must provide documentation (usually in the form of a bill credit) showing that the city's retail customer received the benefit of the incentive.*
- ☐ Copies of all PAID, itemized invoices and receipts related to the project.
- ☐ Manufacturer spec sheets for new equipment.
- ☐ Copy of applicant's electric bill.
- ☐ "Before" and "after" images, if requested by Program Administrator (see requirements listed in your Notice to Proceed).

To Submit a Final Application

1. **Gather materials listed above.**
2. **Put them into a single PDF file.**
3. **E-mail the application as a single PDF file to Rodd Whelpley at rwhelpley@imea.org. No more than one application per e-mail.**

NOTE: Applications comprised of multiple files delay processing and will very likely be returned to the applicant un-opened. Also, see your Notice to Proceed e-mail for instructions for a possible streamlined final application process.

If you have questions, e-mail Rodd Whelpley or call 217-789-4632.

APPLICANT AND PROJECT INFORMATION

Check one: ☐ **Pre-approval** ☐ **Final Application**

Name of Applicant – Company Name	
Proposed Start Date:	**Planned Completion Date:**
Address where measures installed:	
Address: **City:**	**Zip:**

Facility/Business Type: _____ **(Use a Category from pages 7 - 9)**
Is this a retrofit/replacement project or new equipment _ retrofit/replace _ new
Heating Fuel Type (check one)**:**
_ Gas _ Electric Resistance _ Heat pump _Unconditioned/Exterior
Hours of Operation (list Opening and Closing Times):

Monday:	_____	Friday:	_____
Tuesday:	_____	Saturday:	_____
Wednesday:	_____	Sunday:	_____
Thursday:	_____		

Weeks per year of Operation: ____ Weeks

Project Manager:	
Telephone #: **Fax #:**	**Email Address:**
IMEA Electric Efficiency Incentive Requested **$ _____** (Total from Table 3, Page 13. See Page 10 for instructions.) **NOTE: Spec sheets, a project budget and an electric bill must accompany all applications.**	**Contractor Information (if known)** **Contact Name:**
Other Incentive Funds **$_____**	**Company:**
Specify Source of Other Incentive Funds	**Phone:**
Total Project Cost **$ _____** (Cost of qualified measures + installation cost; a budget must accompany the application.)	**Email Address:**

APPLICANT CERTIFICATIONS

NOTE: If this project is approved and completed, then IMEA will send an Automated Clearing House (ACH) Payment Authorization Form to the applicant listed on this page. The incentive will be deposited into the account specified on the ACH form.

IF THE REBATE INCENTIVE SHOULD GO TO ANY ENTITY OTHER THAN THE LOCAL APPLICANT OR ITS NATIONAL HEADQUARTERS, then you must include a signed letter of assignment. In that case, upon completion of the project, the designated payee will file the ACH form and receive the incentive. *If the incentive is assigned, then the final customer billing must provide documentation (usually in the form of a bill credit) showing that the city's retail customer received the benefit of the incentive.*

Applicant hereby certifies and understands that:

- The project site receives wholesale electric service from IMEA or electric delivery service from an IMEA member municipal electric system.
- All authorizations required to perform the project described in this application have either been obtained or will be obtained no later than 90 days following the project beginning date set forth in the Notice to Proceed Letter issued by the IMEA.
- It has not been barred from contracting with a unit of state or local government as a result of a violation of Section 33E-3 or 33E-4 of the Criminal Code of 1961 (720 ILCS 5/33 E-3 and 5/33 E-4).
- The Illinois Prevailing Wage Act (820 ILCS 130/0.01) may apply and that incentive recipients are responsible for determining if their projects will trigger compliance.
- As of the submittal date, the information provided in its application is accurate, and the individuals signing below are authorized to submit this application.
- Replaced equipment will be disposed of – not placed in storage.
- The applicant, by accepting an incentive for this electric efficiency project, acknowledges and agrees that any rights or abilities arising from kW savings that result from the execution of this project and that may be bid or sold into a Regional Transmission Operator market as energy efficiency or demand response or otherwise shall belong solely to IMEA.

Authorized Official (signature*) _____ Telephone _____

Typed/Printed Name _____ Fax _____

Title _____ Date _____

Authorized Signature Address _____

Authorized Signature City, 9 Digit Zip (find 9-Digit Zip at http://zip4.usps.com/zip4/welcome.jsp) _____

Authorized Signature E-mail Address _____

*Electronic signatures not acceptable. Please supply Certifications (this page) with original signature via mail, fax or electronically (scanned document)

BUSINESS TYPE

Check only one business type or area of the business where this project will take place. (If more than one item describes the area(s) in which the project will take place, then make one project application for each area):

- ☐ **Assisted Living Multi-Family** Applies to residential buildings of three or more units with staff to assist the occupants. Gross Floor Area should include all fully-enclosed space within the exterior walls of the building(s) including individual rooms or units, wellness centers, exam rooms, community rooms, small shops or service areas for residents and visitors (e.g. hair salons, convenience stores), staff offices, lobbies, atriums, cafeterias, kitchens, storage areas, hallways, basements, stairways, corridors between buildings, and elevator shafts.
- ☐ **Auditorium/Assembly** Applies to any performance space such as a theater, arena, or hall. Gross Floor Area should include all space within the building(s), including seating, stage and backstage areas, food service areas, retail areas, rehearsal studios, administrative/office space, mechanical rooms, storage areas, elevator shafts, and stairwells.
- ☐ **Auto Dealership** Applies to facility space used for the retail sale of new or used cars or other vehicles. The total gross floor area should include all supporting functions such as kitchens and break rooms used by staff, storage areas (refrigerated and non-refrigerated), and administrative areas.
- ☐ **College/University** Applies to facility space used for higher education. Relevant buildings include administrative headquarters, residence halls, athletic and recreation facilities, laboratories, etc. The total gross floor area should include all supporting functions such as kitchens used by staff, lobbies, atria, conference rooms and auditoria, fitness areas for staff, storage areas, stairways, elevator shafts, etc.
- ☐ **Convenience Store** Applies to facility space used for the retail sale of a limited selection of food and beverage products. The total gross floor area should include all supporting functions such as kitchens and break rooms used by staff, storage areas (refrigerated and non-refrigerated), and administrative areas.
- ☐ **Drug Store** Applies to facility space used for the retail sale of pharmaceutical products, toiletries, and a limited selection of food and beverage products. The total gross floor area should include all supporting functions such as kitchens and break rooms used by staff, storage areas (refrigerated and non-refrigerated), and administrative areas.
- ☐ **Elementary School** Applies to a school serving children in any grades from Kindergarten through sixth grade. The total gross floor area should include all supporting functions such as administrative space, conference rooms, kitchens used by staff, lobbies, cafeterias, gymnasiums, auditoriums, laboratory classrooms, portable classrooms, greenhouses, stairways, atria, elevator shafts, small landscaping sheds, storage areas, etc.
- ☐ **Emergency Services** Applies to a building representing office, administrative, and functional space for Police/Fire/EMT style buildings. The building borrows many elements from the Low Rise Office definitions for size, envelope, occupant density, etc., but includes expanded occupancy schedules and increased equipment loads.
- ☐ **Garage** Applies to unconditioned spaces either attached or detached from the primary building envelope that are not used for living space.
- ☐ **Grocery** Applies to facility space used for the retail sale of food and beverage products. It should not be used by restaurants. The total gross floor area should include all supporting functions such as kitchens and break rooms used by staff, storage areas (refrigerated and non-refrigerated), administrative areas, stairwells, atria, lobbies, etc.
- ☐ **Healthcare Clinic** Applies to a facility space used to provide diagnosis and treatment for medical, dental, or psychiatric outpatient care. Gross Floor Area should include all space within the building(s) including offices, exam rooms, laboratories, lobbies, atriums, conference rooms and auditoriums, employee break rooms and kitchens, restrooms, elevator shafts, stairways, mechanical rooms, and storage areas.
- ☐ **High School/Middle School** Applies to facility space used as a school building for 7th through 12th grade students. This does not include college or university classroom facilities and laboratories, vocational, technical, or trade schools. The total gross floor area should include all supporting functions such as administrative space, conference rooms, kitchens used by staff, lobbies, cafeterias, gymnasiums, auditoriums, laboratory classrooms, portable classrooms, greenhouses, stairways, atria, elevator shafts, small landscaping sheds, storage areas, etc.
- ☐ **Hospital** Applies to a general medical and surgical hospital (including critical access hospitals and children's hospitals) that is either a stand-alone building or a campus of buildings. Spaces more accurately characterized as a Healthcare Clinic should use that definition. The definition of Hospital accounts for all space types that are located within the Hospital building/campus, such as medical offices, administrative offices, and skilled nursing. The total floor area should include the aggregate floor area of all buildings on the campus as well as all supporting functions such as: stairways, connecting corridors between buildings, medical offices, exam rooms, laboratories, lobbies, atria, cafeterias, storage areas, elevator shafts, and any space affiliated with emergency medical care, or diagnostic care.

- **Hotel/Motel Combined** (All Spaces) Applies to buildings that rent overnight accommodations on a room/suite basis, typically including a bath/shower and other facilities in guest rooms. Hotel properties should be owned by a single entity and have rooms available on a nightly basis.
- **Hotel/Motel Common Areas** All the common areas open to guests of the hotel such as the lobby, corridors and stairways, and other spaces that may have continuous or large lighting and HVAC hours.
- **Hotel/Motel Guest Room** Applies to the guest rooms of the hotel or motel. These spaces are occupied intermittently.
- **Low-use Small Business** Any business type with low (<3000) operating hours (provided as option in lighting measures).
- **Manufacturing/Assembly** Applies to buildings that are dedicated to manufacturing activities. Includes light industry buildings characterized by consumer product and component manufacturing and heavy industry buildings typically characterized by a plant that includes a main production area that has high-ceilings and contains heavy equipment used for assembly line production.
- **Movie Theater** Applies to buildings used for public or private film screenings. Gross Floor Area should include all space within the building(s), including seating areas, lobbies, concession stands, bathrooms, administrative/office space, mechanical rooms, storage areas, elevator shafts, and stairwells.
- **Multifamily-Mid Rise** Applies to residential buildings with up to four floors, including all public and multiuse spaces within the building envelope. Small Multifamily buildings best described as a house should use the residential measure characterizations.
- **Multifamily-High Rise Combined** (All Spaces) Applies to residential buildings with five or more floors, including all public and multiuse spaces within the building envelope. Gross Floor Area should include all fully-enclosed space within the exterior walls of the building(s) including living space in each unit (including occupied and unoccupied units), interior common areas (e.g. lobbies, offices, community rooms, common kitchens, fitness rooms, indoor pools), hallways, stairwells, elevator shafts, connecting corridors between buildings, storage areas, and mechanical space such as a boiler room. Open air stairwells, breezeways, and other similar areas that are not fully enclosed should not be included in the Gross Floor Area.
- **Office-Low Rise** Applies to facility spaces in buildings with four floors or fewer used for general office, professional, and administrative purposes. The total gross floor area should include all supporting functions such as kitchens used by staff, lobbies, atria, conference rooms and auditoria, fitness areas for staff, storage areas, stairways, elevator shafts, etc.
- **Office-Mid Rise** Applies to facility spaces in buildings with five to nine floors used for general office, professional, and administrative purposes. The total gross floor area should include all supporting functions such as kitchens used by staff, lobbies, atria, conference rooms and auditoria, fitness areas for staff, storage areas, stairways, elevator shafts, etc.
- **Office-High Rise** Applies to facility spaces in buildings with ten floors or more used for general office, professional, and administrative purposes. The total gross floor area should include all supporting functions such as kitchens used by staff, lobbies, atria, conference rooms and auditoria, fitness areas for staff, storage areas, stairways, elevator shafts, etc.
- **Religious Worship/Church** Applies to buildings that are used as places of worship. This includes churches, temples, mosques, synagogues, meetinghouses, or any other buildings that primarily function as a place of religious worship. Gross Floor Area should include all areas inside the building that includes the primary worship area, food preparation, community rooms, classrooms, and supporting areas such as restrooms, storage areas, hallways, and elevator shafts.
- **Restaurant** Applies to a subcategory of Retail/Service space that is used to provide commercial food services to individual customers, and includes kitchen, dining, and common areas.
- **Retail/Service- Department store** Applies to facility space used to conduct the retail sale of consumer product goods. Stores must be at least 30,000 square feet and have an exterior entrance to the public. The total gross floor area should include all supporting functions such as kitchens and break rooms used by staff, storage areas, administrative areas, elevators, stairwells, etc. Retail segments typically included under this definition are: Department Stores, Discount Stores, Supercenters, Warehouse Clubs, Dollar Stores, Home Center/Hardware Stores, and Apparel/Hard Line Specialty Stores (e.g., books, clothing, office products, toys, home goods, electronics). Retail segments excluded under this definition are: Grocery, Drug Stores, Convenience Stores, Automobile Dealerships, and Restaurants.
- **Retail/Service- Strip Mall** Applies to facility space used to conduct the retail sale of consumer product goods. Stores must be less than 30,000 square feet and have an exterior entrance to the public. The total gross floor area should include all supporting functions such as kitchens and break rooms used by staff, storage areas, administrative areas, elevators, stairwells, etc. Retail segments excluded under this definition are: Grocery, Drug Stores, Convenience Stores, Automobile Dealerships, and Restaurants.

- **Warehouse** Applies to unrefrigerated or refrigerated buildings that are used to store goods, manufactured products, merchandise or raw materials. The total gross floor area of Refrigerated Warehouses should include all temperature-controlled areas designed to store perishable goods or merchandise under refrigeration at temperatures below 50 degrees Fahrenheit. The total gross floor area of Unrefrigerated Warehouses should include space designed to store non-perishable goods and merchandise. Unrefrigerated warehouses also include distribution centers. The total gross floor area of refrigerated and unrefrigerated warehouses should include all supporting functions such as offices, lobbies, stairways, restrooms, equipment storage areas, elevator shafts, etc. Existing atriums or areas with high ceilings should only include the base floor area that they occupy. The total gross floor area of refrigerated or unrefrigerated warehouse should not include outside loading bays or docks. Self-storage facilities, or facilities that rent individual storage units, are not eligible for a rating using the warehouse model.

- **Other:** Check this if no other description on this list fits your business type and fill in the space below.

  Describe your business type: _____

CALCULATION OF TOTAL ELIGIBLE INCENTIVE

(To be reported on page 5)

Calculation of your total eligible incentive is a three-step process.

1. **To calculate your eligible incentive for VSDs for HVAC Supply and Return Fans,** fill in **Table 1 on page 11.**

   You will need to know the following information to fill out the table:

   - The horsepower controlled of existing and post-installation equipment.
   - The existing and post-installation control types.
   - You may have to make multiple copies of Table 1, page 11 if you are installing many VSDs on control types at various HP.

   NOTE: Spec sheets for all new VSDs must accompany this application.

2. **To calculate your eligible incentive for VSDs for HVAC Pumps and Cooling Tower Fans**, fill in **Table 2 on page 12.**

   You will need to know the following information to fill out the table:

   - The horsepower controlled by each new VSD.
   - Whether the motor controls a hot water pump, a chilled water pump, or a cooling tower fan.
   - You may have to make multiple copies of Table 2, page 12 if you are installing various VSDs controlling varying HP for various measures.

   NOTE: Spec sheets for all new VSDs must accompany this application.

3. **To calculate your total eligible incentive,** fill in **Table 3 on page 13.**

   - Plug the totals from Tables 1 and 2 into Table 3 where indicated.
   - Total Table 3.
   - Bring that total amount forward to the line indicated on Page 5.

   NOTE: A copy of all spec sheets for new equipment, a copy of the applicant's electric bill, and a total project budget must accompany this application.

NOTE: The qualifying efficient measures and the assumptions of existing conditions described in this application seek to comport with the Illinois Statewide Technical Reference Manual (TRM) Version 13.0 Volume 2 Commercial and Industrial Measures. Applicants who want a more extensive and authoritative description of qualified measures may access the TRM at: https://www.ilsag.info/wp-content/uploads/IL-TRM_Effective_010125_v13.0_Vol_2_C_and_I_09202024_FINAL.pdf.

VARIABLE SPEED DRIVES FOR HVAC SUPPLY AND RETURN FANS

This measure is applied to variable speed drives (VSD) that are installed on HVAC supply fans and return fans.

The eligible incentive is $200 per horsepower controlled. **See pages 15-16 for more details.**

TABLE 1 – VSDs for HVAC Supply and Return Fans

Note: You may need to copy this page and use it as many times as you need.

(1) Number of Motors that Fit this Description	Existing Equipment			Post-Installation Equipment		(6) Incentive [(Col. 1) x (Col. 4) x $200]
	(2) Horse Power Controlled	(3) Control Type (check one)		(4) Horse Power Controlled*	(5) Control Type (check one)	
		☐ No Control or Bypass Damper ☐ Discharge Dampers ☐ Outlet Damper, BI & Airfoil Fans ☐ Inlet Damper Box ☐ Inlet Guide Vane, BI & Airfoil Fans ☐ Inlet Vane Dampers ☐ Outlet Damper, FC Fans ☐ Eddy Current Drives ☐ Inlet Guide Vane, FC Fans ☐ VFD with duct static pressure controls ☐ VFD with low/no duct static pressure			☐ No Control or Bypass Damper ☐ Discharge Dampers ☐ Outlet Damper, BI & Airfoil Fans ☐ Inlet Damper Box ☐ Inlet Guide Vane, BI & Airfoil Fans ☐ Inlet Vane Dampers ☐ Outlet Damper, FC Fans ☐ Eddy Current Drives ☐ Inlet Guide Vane, FC Fans ☐ VFD with duct static pressure controls ☐ VFD with low/no duct static pressure	
		☐ No Control or Bypass Damper ☐ Discharge Dampers ☐ Outlet Damper, BI & Airfoil Fans ☐ Inlet Damper Box ☐ Inlet Guide Vane, BI & Airfoil Fans ☐ Inlet Vane Dampers ☐ Outlet Damper, FC Fans ☐ Eddy Current Drives ☐ Inlet Guide Vane, FC Fans ☐ VFD with duct static pressure controls ☐ VFD with low/no duct static pressure			☐ No Control or Bypass Damper ☐ Discharge Dampers ☐ Outlet Damper, BI & Airfoil Fans ☐ Inlet Damper Box ☐ Inlet Guide Vane, BI & Airfoil Fans ☐ Inlet Vane Dampers ☐ Outlet Damper, FC Fans ☐ Eddy Current Drives ☐ Inlet Guide Vane, FC Fans ☐ VFD with duct static pressure controls ☐ VFD with low/no duct static pressure	
					TOTAL VSDs for HVAC Fans (To table 3, page 13)	

***** Spec sheets must accompany the application. ***NOTE PROGRAM ADMIN:*** HP is a pulldown on the savings calculator. You may need to split HP figures out amongst prescribed choices to arrive at applicant's HP.

VARIABLE SPEED DRIVES FOR HVAC PUMPS AND COOLING TOWER FANS

This measure is applied to variable speed drives (VSD) that are installed on the following HVAC system applications: chilled water pump, hot water pumps, and cooling tower fans. There is a separate measure for HVAC supply and return fans (see Table 1 on the previous page). All other VSD applications require custom analysis by the program administrator.

The VSD is applied to a motor which does not have a VSD. This measure is not applicable for replacing failed VSDs. The application must have a variable load and installation is to include the necessary controls.

The eligible incentive is $200 per horsepower controlled. **See page 16 for more details.**

TABLE 2 – VSDs for HVAC Pumps and Cooling Tower Fans

Note: You may need to copy this page and use it as many times as you need.

(1) Number of Motors that Fit this Description	(2) Description of Motor	Post-Installation Equipment		(5) Incentive [(Col. 1) x (Col. 3) x $200]
		(3) Horse Power Controlled*	(4) VFD Application (check one)	
			☐ Hot Water Pump ☐ Chilled Water Pump ☐ Cooling Tower Fan	
			☐ Hot Water Pump ☐ Chilled Water Pump ☐ Cooling Tower Fan	
			☐ Hot Water Pump ☐ Chilled Water Pump ☐ Cooling Tower Fan	
			☐ Hot Water Pump ☐ Chilled Water Pump ☐ Cooling Tower Fan	
			☐ Hot Water Pump ☐ Chilled Water Pump ☐ Cooling Tower Fan	
			☐ Hot Water Pump ☐ Chilled Water Pump ☐ Cooling Tower Fan	
			☐ Hot Water Pump ☐ Chilled Water Pump ☐ Cooling Tower Fan	
TOTAL VSDs for HVAC Pumps and Cooling Tower Fans (To table 3, page 13)				

* Spec sheets must accompany the application. ***NOTE PROGRAM ADMIN:*** HP is a pulldown on the savings calculator. You may need to split HP figures out amongst prescribed choices to arrive at applicant's HP.

TOTAL ELIGIBLE INCENTIVES FOR VSDs for HVAC SUPPLY AND RETURN FANS and for HVAC PUMPS AND COOLING TOWER FANS

TABLE 3 – TOTAL ELIGIBLE INCENTIVES

Note: Applicants bring incentives calculated on Tables 1 and 2 (pages 11 and 12) to calculate a total eligible incentive amount on this table.

Measure	**Eligible Incentive – From Table 1 or 2**
Total VSDs for HVAC Supply and Return Fans Incentive (from Table 1, page 11)	
Total VSDs for HVAC Pumps and Cooling Tower Fans Incentive (from Table 2, page 12)	
Total Eligible Incentive for this Application (to page 5)	

GENERAL ELIGIBILITY

This Electric Efficiency program is available to the membership (and members' retail customers) of the Illinois Municipal Electric Agency (IMEA). It is administered and funded through IMEA. FY2025-26 of the program runs from May 1, 2025, through April 30, 2026. Funds are allocated to IMEA members based on a prorated share of their electric purchases from the IMEA. Commercial/ industrial and public-sector facilities served by members can apply for funds using this form from May 1, 2025, until this form is superseded by a subsequent revision or until the program ceases accepting pre-applications on April 15, 2026.

Eligible projects must be located in Illinois and receive electric service from the IMEA or an IMEA member. Projects must produce electricity savings through efficiency improvements in commercial, industrial or public-sector buildings, equipment, or processes. Ineligible projects include repairs of existing equipment, fuel switching, new electric generation or those projects solely related to demand response or demand control. Project paybacks must occur before the projected end of the equipment life.

Incentive Awards. The total incentive cannot exceed 75 percent of the total project cost. But, IMEA cities are free to impose their own incentive caps. IMEA reserves the right to review applications, withhold funding, cancel funding or negotiate incentive levels. Bid prices must be in line with current market conditions for similar projects/conditions.

Payment Schedule/Reporting and Project Monitoring. The Notice to Proceed (sent upon approval of the pre-application) will specify the conditions of payment and the payment schedule. Incentive recipients will allow officials from the IMEA Member municipality and IMEA officials to access their site to verify project issues. Energy savings numbers will be shared with IMEA (for public release unless specifically noted as confidential or proprietary).

Ownership/Use of Equipment. Equipment must remain in place for at least the lesser of five years or "useful life."

IMEA Not Liable. Incentive recipients shall hold the IMEA member and the IMEA harmless from any and all claims, demands, and actions based upon or arising out of any services performed by the incentive recipient or by its agents or employees.

Indemnity. The incentive recipient agrees to assume all risks of loss and to indemnify and hold the IMEA Member and the IMEA, their officers, agents and employees, harmless from and against any and all liabilities, demands, claims, damages, suits, costs, fees, and expenses, incidents thereto, for injuries or death to persons and for loss of, damage to, or destruction of property because of the incentive recipient's negligence, intentional acts or omissions. In the event of any demand or claim, the IMEA may elect to defend any such demand or claim against the IMEA and will be entitled to be paid by the incentive recipient for all costs and damages.

Term and Application. Applications under this program will be accepted on an ongoing basis, subject to funding availability. Applications shall be printed or typed on the current approved forms and/or worksheets. Applications must be complete and submitted in the correct fashion (see the Pre-Application and Final Application checklists) to receive consideration.

Subject to a programmatic change enacted by the IMEA Board of Directors, approved projects will have reserved funds until April 30, 2026, or until a project expiration date as noted on a project's Notice to Proceed document or a project deadline imposed by the IMEA member. A final application, reflecting the measures and equipment actually installed, must be submitted within 45 days of project completion. Project documentation, such as copies of dated and itemized invoices for the purchase and installation of the measures and/or product specification sheets, is required.

Applications will be screened by IMEA and the member community. The IMEA member will have final say as to the priority of project funding in its community. Decisions on project priority and funding awarded to any project will be communicated to the IMEA through the IMEA Board Member representing the member community.

Incentive Payments. A final application, reflecting the measures and equipment actually installed, must be submitted within 45 days of project completion. Project documentation, such as copies of dated, itemized invoices for the purchase and installation of the measures and/or product specification sheets, is required. The IMEA will review the final application. Applications that satisfy the review will be processed upon IMEA approval. The incentive will be the amount for which the project qualifies up to the amount that was obligated for the project in the project's Notice to Proceed, subject to funding availability.

MEASURE SPECIFIC REQUIREMENTS – VSDs FOR HVAC SUPPLY AND RETURN FANS; VSDs FOR HVAC PUMPS AND COOLING TOWER FANS

This application covers two measures:

1. VSDs for HVAC Supply and Return Fans
2. VSDs for HVAC Pumps and Cooling Fans

VSD applications not covered in this prescriptive measure application may be Custom Projects (see http://www.imea.org/EE%20Incentives.asp).

Eligible Incentive: $200 per horsepower controlled

1. Variable Speed Drives for HVAC Supply and Return Fans (Based on Measure 4.4.26 of the Version 13, Vol. 2 TRM)

This measure is applied to variable speed drives (VSD) which are installed on HVAC supply fans and return fans. There is a separate measure for HVAC pumps and cooling tower fans. All other VSD applications require custom analysis by the program administrator.

The VSD will modulate the speed of the motor when it does not need to run at full load. Since the power of the motor is proportional to the cube of the speed for these types of applications, significant energy savings will result. This measure was developed to be applicable to the following program types: Time of Sale and Retrofit.

The VSD is applied to a motor which does not have a VSD. The application must have a variable load, and installation is to include the necessary controls. Savings are based on application of VSDs to a range of baseline load conditions including no control, inlet guide vanes, outlet guide vanes and throttling valves.

The time of sale baseline is a new motor installed without a VSD or other methods of control. Retrofit baseline is an existing motor operating as is. Retrofit baselines may or may not include guide vanes, throttling valves or other methods of control.

Installations of new equipment with VSDs which are required by IECC, state energy code as adopted by the State of Illinois are not eligible for incentives. As code requirements and adoption can differ from municipality to municipality, the user should verify which version of code is applicable given these constraints.

Note, IECC 2021 became effective statewide on 1/1/24. IECC 2018 is the requisite code for any projects with permitting dates spanning July 1, 2019, to 12/31/23. Prior to July 1, 2019, IECC 2015 is the applicable code.

2. Variable Speed Drives for HVAC Pumps and Cooling Tower Fans (Based on Measure 4.4.17 of the Version 13, Vol. 2 TRM)

This measure is applied to variable speed drives (VSD) that are installed on the following HVAC system applications:

- chilled water pump,
- hot water pumps, and
- cooling tower fans.

There is a separate measure for HVAC supply and return fans. All other VSD applications require custom analysis by the program administrator.

The VSD will modulate the speed of the motor when it does not need to run at full load. Since the power of the motor is proportional to the cube of the speed for these types of applications, significant energy savings will result. This measure was developed to be applicable to the following program types: Time of Sale and Retrofit.

The VSD is applied to a motor which does not have a VSD. This measure is not applicable for replacing failed VSDs. The application must have a variable load and installation is to include the necessary controls. Savings are based on application of VSDs to a range of baseline load conditions including no control, inlet guide vanes, outlet guide vanes and throttling valves.

The time of sale baseline is a new motor installed without a VSD or other methods of control. Retrofit baseline is an existing motor operating as is. Retrofit baselines may or may not include guide vanes, throttling valves or other methods of control.

Installations of new equipment with VSDs which are required by IECC, state energy code as adopted by the State of Illinois are not eligible for incentives. As code requirements and adoption can differ from

municipality to municipality, the user should verify which version of code is applicable given these constraints.

Note, IECC 2021 became effective statewide on 1/1/24. IECC 2018 is the requisite code for any projects with permitting dates spanning July 1, 2019, to 12/31/23. Prior to July 1, 2019, IECC 2015 is the applicable code.