

VILLAGE PRESIDENT
Seth Speiser

VILLAGE CLERK
Jerry Menard

VILLAGE TRUSTEES
Ray Matchett, Jr.
Steve Smith
Mike Blaies
Mathew Trout
Dean Pruett
Elizabeth Niebruegge

VILLAGE OF FREEBURG

FREEBURG MUNICIPAL CENTER
14 SOUTHGATE CENTER, FREEBURG, IL 62243
PHONE: (618) 539-5545 • FAX: (618) 539-5590
Web Site: www.freeburg.com

VILLAGE ADMINISTRATOR
Tony Funderburg

VILLAGE TREASURER
Bryan A. Vogel

PUBLIC WORKS DIRECTOR
John Tolan

POLICE CHIEF
Stanley Donald

VILLAGE ATTORNEY
Weilmuenster Law Group, P.C

April 14, 2014

NOTICE MEETING OF THE ELECTRIC COMMITTEE (Blaies/Smith/Niebruegge)

An Electric Committee Meeting of the Village of Freeburg will be held at the Municipal Center, Executive Board Room, **Wednesday, April 16, 2014, at 6:30 p.m.**

ELECTRIC COMMITTEE MEETING AGENDA

I. Items to be Discussed

A. Old Business

1. Approval of March 12, 2014 minutes
2. Portable Generator replacement
3. Wiegmann's project
4. Shed
5. Rate Study
6. Surplus Temporary Service Equipment

B. New Business

1. IMEA visit to discuss Net Metering and Geothermal Program for Residential Customers

C. General Concerns

D. Public Participation

E. Adjourn

At said Electric Committee Meeting, the Village Trustees may vote on whether or not to hold an Executive Session to discuss the selection of a person to fill a public office [5 ILCS, 120/2 - (c) (3)], litigation [5 ILCS, 120/2 - (c)(11)] personnel [5 ILCS, 120/2 - (c) (1)]; or real estate transactions [5 ILCS, 120/2 - (c)(5)].

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ELECTRIC COMMITTEE MEETING

Wednesday, April 16, 2014 at 6:30 p.m.

The meeting of the Electric Committee was called to order at 5:32 p.m. on Wednesday, March 12, 2014 by Chairman Mike Blaies. Committee members present were Chairman Mike Blaies, Trustee Steve Smith, Trustee Elizabeth Niebruegge, Mayor Seth Speiser, Trustee Dean Pruett, Trustee Matt Trout, Trustee Ray Matchett, Village Clerk Jerry Menard, Public Works Director John Tolan, Head Lineman Shane Krauss, Village Administrator Tony Funderburg and Office Manager Julie Polson. Guests present: Doc Mueller and Rodd Whelpley from IMEA and Nathan Wood.

Trustee Steve Smith motioned to amend the agenda in order to hear Public Participation first and Trustee Elizabeth Niebruegge seconded the motion. All voting aye, the motion carried.

D. PUBLIC PARTICIPATION: Doc Mueller and Rodd Whelpley were present from IMEA to discuss the items listed under New Business, net metering and geothermal programs for residential customers. Administrator Funderburg advised Nathan Wood is present to discuss his request for a two-way or net meter since he has solar panels installed on his home. Mr. Wood is concerned that his present meter reads both the electricity coming into as well as what he generates going out of his home. Doc Mueller explained this issue is going to become increasingly common. He requested that his engineer, Tanner Jones, visit Mr. Wood to see and evaluate his system. Doc said we need to set up a policy on net metering that will give the homeowner the value they are looking for that doesn't jeopardize our system and keeps our employees safe. Tony said we will continue to look into this but wanted to start the conversation.

Rodd Whelpley was present to discuss a geothermal program for our residential customers and said there is energy efficiency money that the village has already taken advantage of. We have had a commercial business utilize it for lighting as well as installed lighting at our village properties. We can decide how much money we would like to set aside for the residents, develop an application process and administer the program. Rodd said they can help the resident with the geothermal application.

A. OLD BUSINESS

1. Approval of March 12, 2014 Minutes: Trustee Steve Smith motioned to approve the March 12, 2014 minutes and Trustee Elizabeth Niebruegge seconded the motion. All voting aye, the motion carried.

Electric Committee Meeting Minutes

Wednesday, April 16, 2014

Page 1 of 2

2. Portable Generator Replacement: Head Lineman Shane Krauss said he is going to take it to Granite City to have it rewound instead of replacing which will be more cost effective.
3. Wiegmann's project: Shane said we are waiting on Wiegmann's.
4. Shed: Shane has the shelving ordered. The plumbing is next. He will have our guys frame up the bathroom, and once that is done, he will contact Davinroy to do the rough-in. They are still having issues with the doors.
5. Rate Study: Shane asked that the net metering be considered in the rate study. Tony is going to check on the timeline to get the study done.
6. Surplus Temporary Service Equipment: Shane and John have a lot of items they would like to surplus. Tony said we can take them up to Springfield and have the State handle this. We would receive a percentage of anything that is sold.

Shane advised when we bought the trucks, we negotiated and received a \$400 incentive and received a trailer hitch and added storage on John's truck. Mayor Speiser left the meeting at 6:50 p.m.

B. NEW BUSINESS:

1. IMEA visit to discuss Net Metering and Geothermal Program for Residential Customers: See Public Participation above. Tony asked the committee if they are interested in offering grants to our customers for these products. We could offer two \$500 grants on the geothermal or Mike suggested two \$1,000 grants. Tony would like to come up with something regarding the grants for the next committee meeting. Shane will get prices on the net meters.

C. GENERAL CONCERNS: None.

D. PUBLIC PARTICIPATION: See above.

E. ADJOURN: *Trustee Elizabeth Niebruegge motioned to adjourn at 7:40 p.m. and Trustee Steve Smith seconded the motion. All voting aye, the motion carried.*



Julie Polson
Office Manager

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ELECTRIC COMMITTEE MEETING
Wednesday, March 12, 2014 at 5:30 p.m.

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Tony Funderburg

VILLAGE TREASURER
Bryan A. Vogel

PUBLIC WORKS DIRECTOR
John Tolan

POLICE CHIEF
Stanley Donald

VILLAGE ATTORNEY
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The meeting of the Electric Committee was called to order at 5:32 p.m. on Wednesday, March 12, 2014 by Chairman Mike Blaies. Committee members present were Chairman Mike Blaies, Trustee Steve Smith, Trustee Elizabeth Niebruegge, Mayor Seth Speiser, Trustee Dean Pruett, Public Works Director John Tolan and Office Manager Julie Polson. Guest present: Janet Baechle.

A. OLD BUSINESS

1. Approval of February 12, 2014 Minutes: Trustee Steve Smith motioned to approve the February 12, 2014 minutes and Trustee Elizabeth Niebruegge seconded the motion. All voting aye, the motion carried.
2. Portable Generator Replacement: Public Works Director John Tolan advised we are waiting on this until the next budget.
3. Wiegmann's project: John said we are waiting on the weather to cooperate.
4. Shed: John said the heat is up and running. We do have a few minor leaks. Also, the feed line for the manifold is closed. We may run a new line overhead which will be the return. John said the heating company is going to try some fixes first before we run a new line. The water service is in and Shane is talking with Davinroy about the oil separator and installing the rough in for the plumbing. The lighting is also in.
5. Rate Study: John said he doesn't have anything new on this.
6. IMUA Scholarship Program: Julie said we did not receive any applications. Item can be taken off the agenda.
7. Surplus Temporary Service Equipment: On hold for now.

Trustee Blaies asked about the bushing leak and John advised it is in and running. He also asked about the budget billing and John advised the letters were sent out to all the participants updating them with the revisions to this policy.

- B. NEW BUSINESS:** John stated the IMEA meeting last month was pretty heated. He said Prairie State is only operating at 35% and Kevin Gaden will be going there for a meeting about this. John passed out an article on the city of Naperville possibly raising their electric rates by 6%. He said Naperville has a \$14,000,000 deficit in the electric fund and no reserves. John believes we have another rough year with electric rates but it should get better after that.
- C. GENERAL CONCERNS:** None.
- D. PUBLIC PARTICIPATION:** None.
- E. ADJOURN:** *Trustee Elizabeth Niebruegge motioned to adjourn at 5:56 p.m. and Trustee Steve Smith seconded the motion. All voting aye, the motion carried.*



Julie Polson
Office Manager

Tony Funderburg

From: Rodd Whelpley <rwhelpley@imea.org>
Sent: Tuesday, March 25, 2014 11:42 AM
To: Doc Mueller; 'Tony Funderburg'; Michael Genin
Cc: Ed Cobau; 'John Tolan'; Rodd Whelpley
Subject: RE: Net metering policy + geothermal grants

Hi Tony –

If you are thinking of a Geothermal program for residential customers, what will happen is that you will tell me how much of your C/I funding you want to use for your local residential program, and we will set that amount aside.

Right now you have \$482 available to use for incentives. In May you will likely have \$10,000. So, the most you would have to put into this program is \$10,400.

As I recall, you are thinking about offering an incentive for new construction.

Basically what will happen under a locally administered residential program:

1. You would ask me to set money aside for your program (let's say \$10,400).
2. You would develop application forms and a method of deeming electricity savings and set an incentive. I can help with this. (For example, you may want to mirror the incentive and the requirements for our C/I program, which would be \$1,000 per ton, and the applicant would have to have a their HVAC person write a report showing the annual kWh savings of geothermal vs. an acceptable alternative. You could make things simpler, and make a straight, say \$500 rebate for every single family or duplex unit that installs geothermal.)
3. When the program is up and running, then someone in your office would administer it. He or she would take the applications, approve them, and pay the incentives. Periodically, he or she would send me an invoice for the incentives the city paid out and a spread sheet showing which projects received incentives, the amount of the incentive and the deemed annual kWh savings of each project.
4. When you have spent through your set aside funds, you would want to stop the program.

Getting a program up and running by May would take a little bit of doing, and if you are shooting for May, we would likely want to meet about this very soon.

Thanks,

Rodd Whelpley
Program & Communications Administrator
Illinois Municipal Electric Agency
3400 Conifer Drive
Springfield, IL 62711
Ph: 217-789-4632
800-243-4632
Cell: 217-971-8889
rwhelpley@imea.org

Illinois Municipal Utilities Association Interconnection Policy

Draft

July 25, 2008

Section 1: (Utility name) shall make available, upon request, interconnection services to any customer that meets the required guidelines. Interconnection services in this policy refers to on-site generating facilities connected to (Utility name or “the City”) electric distribution system in a manner that will allow excess electricity generated by the eligible on-site generating facility to be safely delivered onto (Utility name or “the City”)’s electric distribution system.

Section 2: Guidelines for interconnecting to the utility system are as follows;

- a. Only generating facilities that have been approved by the (official designated by the utility) shall be interconnected with (Utility name or “the City”)’s electric distribution system.
- b. Interconnection Services shall only be available to premises with aggregated total generation at a single customer site of less than 1 MW.
- c. All interconnections shall comply with IEEE Standard 1547 for Interconnecting Distributed Resources with Electric Power Systems (IEEE 1547) as they may be amended from time to time.
- d. (Utility name) is under no obligation to purchase energy supplied to the utility under this standard. This does not preclude the customer meeting applicable standards that would allow the customer to supply power onto the utility’s system and receive credit for such energy under the utility’s Net Metering Policy.
- e. If the customer qualifies under the Interconnection standard but does not qualify under the Net Metering Policy then any energy delivered to the utility system shall be surrendered to the utility with no value. (Utility name) will install a meter that will not provide any credit for energy delivered to the utility system and the customer will pay for any costs associated with the meter change.
- f. Customers will comply with all other applicable utility standards for interconnection.
- g. Capacity of 10 kW or less and interconnected to the utility system shall comply with IEEE 1547 section 5.5, periodic Interconnection tests. All interconnection related protective functions and associated batteries shall be periodically tested at intervals specified by the manufacturer system integrator, or the authority that has jurisdiction over the Distributed Resources interconnection, or all tests shall be performed at a minimum of every three (3) years. Periodic test reports shall be maintained and submitted to the (Utility name) Engineering Department.
- h. Systems of greater than 10 kW shall perform all interconnection-related protective functions and associated battery testing on a yearly basis. All test reports shall be submitted to the (Utility name) Engineering Department after completion of the yearly testing.
- i. Reports required under Section 2, paragraphs g. and h., must be submitted within 30 days of the anniversary date of the energizing of the interconnect generating. If the required reports are not received within the period, the generation must be disconnected until such time as the reports are submitted.

Section 3: (Utility name) shall develop such documents as needed to implement this policy.

Illinois Municipal Utilities Association

Net Metering Policy

Draft

July 25, 2008

Section 1: (Utility name) shall make available, upon request, net metering service to any customer taking service from (Utility name) and who meets the requirements set forth in this policy. For purposes of this policy “net metering” means service to an electric customer under which electric energy generated by that electric customer from an eligible on-site generating facility owned by that customer and, under some circumstances, delivered to the local distribution facilities may be used to offset electric energy provided by the electric utility to the electric customer as provide for in this policy.

Section 2: For purposes of this policy an eligible on-site generating facility shall be defined as a renewable generating facility such as a photovoltaic facility and small wind turbines. Other forms of renewable generation, such as sources fueled by landfill methane, fuel cells, or micro turbines fueled by renewable fuels shall be considered on a case by case basis. In all cases, facilities interconnected must be deemed to be renewable to qualify for this policy.

Section 3: The electric generating facility must also abide by (Utility name) Interconnection Standards.

Section 4: Subject to the limitations set forth herein, (Utility name) shall make net metering service available upon request to any (Utility name) electric customer with a qualifying generating facility of 10 kW capacity or less.

Section 5: Any generating facility greater than 10 kW but less than 1 MW shall be considered on a case by case basis. The decision with respect to such facilities shall be made by the (official designated by the utility).

Section 6: Total net metered capacity interconnected under this policy for the (Utility name) system shall not exceed 2% of the system’s peak as it existed in the prior calendar year. In the event that the system peak is reduced such that the existing net capacity exceeds the 2% level, those existing net metered customers shall be allowed to continue under this policy. However, no new interconnections will be allowed until such time as the system peak grows such that net metered capacity is again no greater than 2% of the system’s peak.

Section 7: Energy generated by the customer-owned generator will offset the energy required by the customer’s load during the billing period. For any energy generated by the customer in excess of the energy required by the customer’s loads for a given billing period a credit shall be carried forward to the customer’s next billing period. In no case shall credits for excess energy be carried forward for a period greater than three billing periods. In the event of termination of an account qualifying for net metering under this policy, any outstanding credits are surrendered. Under no circumstances will there be payments, or credit transfers for excess energy.

Section 8: Any costs (Utility name) incurs associated with the net metering program, including but not limited to changes in metering, other physical facilities or billing-related costs, shall be born by the participants in the net metering program provided however that such costs shall be capped at \$1,000 to each qualifying customer interconnecting facilities of 10 kW or less. For those facilities greater than 10 kW that are deemed to qualify under this policy, all costs associated with the program shall be born by the participant.

Section 10: (Utility name) shall develop such documents as needed to implement this policy.

Geothermal Alliance of Illinois (<http://www.gaoi.org/>)

(Text from their Web site)



The #1 source for geothermal heating and cooling in Illinois!

Geothermal is the MOST EFFICIENT, ENVIRONMENTALLY-FRIENDLY and BEST heating and cooling technology available today. Don't take our word for it. That assessment comes from the U.S. Environmental Protection Agency.

Geothermal takes the earth's free energy and moves it into your home or business. No gas, no combustion, no flame. Just comfort, with efficiency and economy. Need more information about geothermal? Want to know how to find a qualified contractor/installer? You've come to the right place.

The Geothermal Alliance of Illinois (GAOI) is THE source for information about geothermal heating and cooling. GAOI members are:

- Certified installer-dealers of geothermal equipment
- Designer engineers of geo systems
- Manufacturers of geo equipment
- Loop installers
- Utilities
- Others related to the industry

Contact Information:

John Freitag is a founding member of the GAOI board and serves as executive director of the organization. He was a director for the first two years of the organization's existence, serving as secretary-treasurer. He is Vice President of Operations for the Association of Illinois Electric Cooperatives, Springfield, the statewide trade association for the Illinois electric cooperatives. He has been a strong supporter of geothermal heating and cooling technology for many years and has written numerous grants for geothermal funding from government agencies and private foundations.

John Freitag, GAOI Executive Director

Box 3787

Springfield, IL 62708

(217) 529-5561

jfreitag@aiec.coop

Geothermal Grant Application

Name of organization:

Current address:

City:

State: Illinois

Zip:

How is your building used:

What Illinois Electric Cooperative serves your organization:

Contact Person Information

Name:

Address:

City:

State: Illinois

Zip:

Phone:

E-mail:

Geothermal Project Information

This Geothermal system is (select one): New construction Retrofit

Square footage of: Total Facility Facility served by Geothermal system

Geothermal loop type (select one): Open Horizontal Vertical

Estimated project start date:

Estimated project completion date:

Geothermal system size (tons):

Project Installation Cost

Cost of proposed Geothermal installation: \$

Cost of furnace/central air installation: \$

Incremental cost: \$

This application is for one third (1/3) of the incremental difference which equals: \$

Payback

Estimated payback period if you do not receive grant money: Years Months

I have included documentation for the following:

(1) Proof of organization's 501 (c) 3 tax exempt status:

(2) Copy of bid for furnace/central air installation:

(3) Copy of bid for Geothermal installation:

Signature of applicant:

Date:

For AIEC/ICECF use only: Demand reduction in Kw: Annual energy savings in Kwh:
The AIEC will make these two calculations:

Please mail or fax this form including all the required elements that are listed on the AIEC's website at www.aiec.coop/GeoAlliance to:

Attn: Nancy McDonald
Assn of Illinois Electric Cooperatives
Geothermal Grant Program
P.O. Box 3787
Springfield, IL 62708

Fax: 217/529-5810

Residential Renewable Energy Tax Credit

Program Type: Personal Tax Credit

Rebate Amount: 30%

Established by The Energy Policy Act of 2005, the federal tax credit for residential energy property initially applied to solar-electric systems, solar water heating systems and fuel cells. The Energy Improvement and Extension Act of 2008 extended the tax credit to small wind-energy systems and geothermal heat pumps, effective January 1, 2008. **Other key revisions included an eight-year extension of the credit to December 31, 2016;** the ability to take the credit against the alternative minimum tax; and the removal of the \$2,000 credit limit for solar-electric systems beginning in 2009. The credit was further enhanced in February 2009 by The American Recovery and Reinvestment Act of 2009, which removed the maximum credit amount for all eligible technologies (except fuel cells) placed in service after 2008.

A taxpayer may claim a credit of 30% of qualified expenditures for a system that serves a dwelling unit located in the United States that is owned and used as a residence by the taxpayer. Expenditures with respect to the equipment are treated as made when the installation is completed. **If the installation is at a new home, the "placed in service" date is the date of occupancy by the homeowner.** Expenditures include labor costs for on-site preparation, assembly or original system installation, and for piping or wiring to interconnect a system to the home. If the federal tax credit exceeds tax liability, the excess amount may be carried forward to the succeeding taxable year. The excess credit may be carried forward until 2016, but it is unclear whether the unused tax credit can be carried forward after then. The maximum allowable credit, equipment requirements and other details vary by technology, as outlined below.

Geothermal heat pumps

- There is no maximum credit for systems placed in service after 2008.
- Systems must be placed in service on or after January 1, 2008, and on or before December 31, 2016.
- The geothermal heat pump must meet federal Energy Star criteria.
- The home served by the system does not have to be the taxpayer's principal residence.

Source: http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=US37F

Found at: <http://energy.gov/savings/residential-renewable-energy-tax-credit>



About the IMEA Electric Efficiency Program

April 2014

The IMEA Electric Efficiency Program helps cities and their customers reduce their electric demand and their electric consumption and therefore reduce the Members' wholesale power costs. This allows Members to shift dollars for other needs and to enhance their economic climate by making utility costs more affordable for established and potential businesses.

The program is comprised of:

- A Commercial/Industrial and Public Sector Facilities Projects Program
- [The Apogee Home Energy Calculator](#), a Web based tool that helps residential customers assess the benefits of using electric efficiency measures in their homes
- [The Recycle My Fridge Program](#), which recycles residents' secondary refrigerators or freezers.

The Commercial/Industrial and Public Sector Facilities Projects Program

Under the projects program, IMEA Member cities are allocated funds to use as incentives for electric efficiency projects at private- and public-sector facilities in their communities. Examples of projects that qualify for incentives include the installation of light-emitting diode (LED) street lights and lighting systems; replacement of inefficient industrial motors with more energy-efficient and variable-speed versions; installation of geothermal or other high-efficiency Heating, Ventilation and Air Conditioning (HVAC) systems; and, the installation of a variety of "smart-grid" and power-factor improvement equipment.

This program began in 2009. As of April 30, 2013, IMEA paid to its Members and their customers just under \$1.5 million of incentives for electric efficiency projects that save an estimated 14.5 million kWh per year.

Beginning in May 2013, Members may also use part or all of their electric efficiency project incentive funding to establish a locally administered residential electric efficiency program, with measures and incentives developed with and approved by the Agency.

How the Commercial/Industrial and Public Sector Facilities Projects Program Works – An Overview

Each year, the IMEA will allocate \$961,000 for the program. A portion of that year's funding is then earmarked for the use of each IMEA member municipality or coop. Each member's share is weighted according to its load forecast for the fiscal year (e.g., a member that uses 5 percent of IMEA's total electric load is allocated 5% of the total energy efficiency funding for that year).

Members may submit energy efficiency project proposals on their own behalf or on behalf of their commercial or industrial electric customers. Members decide which projects they would like to receive all or part of that member agency's share of IMEA Energy Efficiency funding.

Once a member forwards an application for funding to the IMEA, IMEA reviews it to ensure the application is properly and accurately completed. It then issues a Notice to Proceed for the project.

After the energy efficiency project is finished, the member or the member's industrial or commercial customer submits a final application for funding along with invoices, receipts and other documentation to IMEA. IMEA then reviews the final application materials and issues the payment to the recipient.

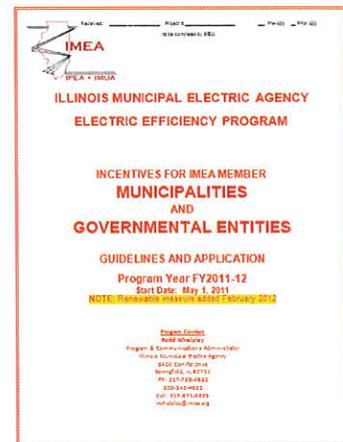
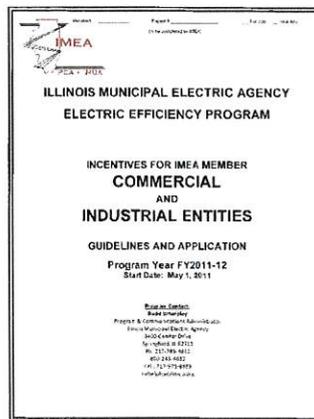
Some energy efficiency projects may receive up to 75% of the total cost of the project, subject to available funding. Total funding costs include materials, labor and engineering. However, most incentives are figured either from menus of prescribed incentives per measure or on the basis of a rate per annual kWh saved.

Commercial/Industrial-Sector and Municipal/Public-Sector Tracks

There are two "tracks" for the program:

1. The commercial/industrial track (which uses the "blue" pre-application and final application forms), and
2. **The municipal/public-sector track** (which uses the "red" pre-application and final application forms).

The differences between the two tracks are that: a) the incentive levels for some measures for municipal/public-sector customers are enhanced, and b) IMEA member cities are eligible for incentives for small renewable generation projects.



Recently Added Features

In FY2013-14 three new features were added to the IMEA Electric Efficiency Program:

- **A Peak Shaving Bonus** – An optional bonus may be added to the incentive for a project that saves kWhs at the time of city peak.
- **Power Factor Correction Bonus** – An optional bonus may be added to the incentive for a project that brings a facility's power factor up to a prescribed level.
- **A Residential Program Option** – An IMEA Member can set aside part of its Electric Efficiency Program Funding to use to pay out incentives for a locally administered residential electric efficiency program with guidelines and incentive levels developed with and approved by IMEA.

Commercial/Industrial and Public Sector Facilities Projects Program Application Cycles and Flexibilities

Applications for funding for qualified projects will be accepted on an ongoing basis. Subject to funding availability, approved projects will have reserved funds until the project is completed (though we usually ask that projects be completed within a year of approval).

Member funds that are not used in the current fiscal year may be carried over to the next year through fiscal year 2015-16 (April 2016). Funds not allocated by April 2016 are scheduled to be put into the IMEA Rate Stabilization Fund.

The Apogee Home Energy Calculator

[HomeEnergyCalculator™](#) by Apogee, Inc. is a Web based application found on the Web sites of most IMEA members. The Home Energy Calculator is a fast, intuitive energy analysis engine that provides the answers your customers are looking for regarding their home energy use and how they can save.

IMEA provides this Web-based application for its members as part of the Electric Efficiency Program. This year, Apogee plans two sets of updates available in 2013 to keep IMEA members software current and to improve the product's functionality.

Recycle My Fridge

The Recycle My Fridge Program, aimed at taking residents' secondary refrigerators off the grid, will continue for a third year.

The IMEA administers the program in conjunction with the Appliance Recycling Centers of America (ARCA), Inc. Residents served by an IMEA-member utility can easily get rid of an old refrigerator or freezer taking up space in the basement or garage and receive a \$35 prepaid card for doing so.

Residents of owner-occupied homes served by an IMEA member utility can schedule an appointment to have their refrigerators or freezers picked up from inside their homes, free of charge, by calling **877-341-2313** (toll free) or by visiting the program's Web site (www.RecycleMyFridge.org).

Since the program started in July 2011, IMEA residents recycled more than 730 refrigerators and freezers, saving an estimated 1.1 million kWh annually. IMEA and ARCA will market the program in all IMEA-member communities, but involvement at the local level will significantly bolster the effort to get the word out. Contact Rodd Whelpley (rwhelpley@imea.org) or Tiffany Olson (tolson@arcainc.com) at ARCA, who will provide no-cost and low-cost ways to promote this program in your community.

For More Information

For more information about the IMEA Electric Efficiency Program, please contact:

Rodd Whelpley
Program & Communications Administrator
Illinois Municipal Electric Agency
3400 Conifer Drive
Springfield, IL 62711
Ph: 217-789-4632
800-243-4632
Cell: 217-971-8889
rwhelpley@imea.org



Setting Up a Residential Electric Efficiency Program for Freeburg

Using IMEA Electric Efficiency Program Funding

April 2014

How a Residential Program Would Operate:

- The Village works with IMEA to set up the program.
- IMEA will give the Village a Notice to Proceed, which sets aside all or part of the Village's IMEA Electric Efficiency Funds that would normally be used to pay incentives for Commercial/Industrial or Public-Sector projects for paying incentives to residential customers.
- The Village designs and administers the program, accepting and approving applications and paying out incentives etc.
- Periodically (perhaps monthly), the Village presents receipts and a report showing the incentive costs paid to customers and the electric savings generated to IMEA, so that IMEA can reimburse the Village (but only for the cost of the incentives paid to the residents).
- It is up to the Village to track the amount of incentive funding spent and stop the program before spending more than is allocated in the Notice to Proceed.

Working with IMEA to Set Up the Program:

- Determine how much funding to use for the residential program.
 - Freeburg has \$10,500 to use in FY 2014-15 (starting May 1, 2014). Freeburg will have an estimated \$10,000 to use for FY2015-16 (starting May 1, 2015).
- Determine the measure or measures.
 - Geothermal? On new construction only or also retrofits?
 - Other incentives?
- Determine the incentive rates.
 - For geothermal: per unit, per ton, a percentage of the difference between conventional HVAC and geothermal?
- Determine the method of deeming electricity savings.
- Write a short memo describing the decisions above so that IMEA can give the Village a Notice to Proceed for the Program.

Village Administration of the Program Might Include:

- Determining eligibility requirements
- Creating an application process
 - Application forms
 - Rules
 - Vendor approval (?)
 - Pre inspection and post inspections
 - Ancillary materials (receipts etc)
- Publicizing the program
- Troubleshooting
- Paying incentives
- Reporting to IMEA to request reimbursement for incentives paid (up to the amount specified in the Notice to Proceed)