

A Service of **Thumb Electric Cooperative**

September 2012

# Michigan COUNTRY LINES

CLEAR CHOICE:  
**VOTE NO**  
on  
**25 x 2025**  
P. 11



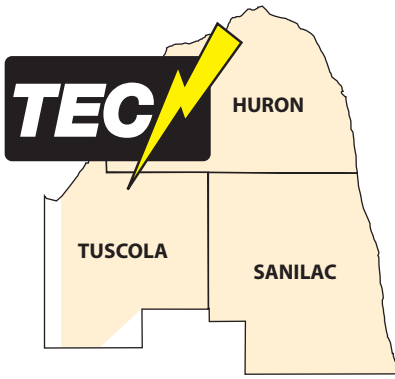
## **Mud, Sweat & Tears**

*Extreme Sports  
Are Big*

**4** Your Co-op Signs  
New Power Contract

**5** Centennial Farms  
Honored

**25** Heating & Cooling  
Buying Tips



2231 Main Street  
 Ubyly, MI 48475-0157  
**1-800-327-0166 or 989-658-8571**  
 E-mail: [tec@tecmi.coop](mailto:tec@tecmi.coop)  
[www.tecmi.coop](http://www.tecmi.coop)

**BOARD OF DIRECTORS**

**HURON COUNTY**

- Randall Dhyse** Treasurer  
Kinde
- Beth McDonald** Secretary  
Bad Axe
- Donald Wolschleger** Vice President  
Harbor Beach

**SANILAC COUNTY**

- Leonard Briolat** Director  
Ubyly
- Kim Nunn** Director  
Croswell
- Duane Kursinsky** Director  
Sandusky

**TUSCOLA COUNTY**

- Carl Cousins** Director  
Millington
- Karl DeSimpelare** Director  
Unionville
- Louis Wenzlaff** President  
Kingston

**Dallas Braun** General Manager

**PAYMENT STATIONS**

**Huron County**

- Bad Axe – Northstar Bank
- Pigeon – Northstar Bank

**Tuscola County**

- Akron – Northstar Bank
- Caro – Northstar Bank
- Mayville – Mayville State Bank
- Millington – Mayville State Bank

Visit Thumb Electric’s website:  
**[www.tecmi.coop](http://www.tecmi.coop)**

# Your Co-op Inks New Wholesale Power Contract

**E**arly this year, Thumb Electric Cooperative (TEC) secured new wholesale power supply contracts. Why do we need to buy our power anyway, since TEC has its own generators? We do have generation available at our Ubyly and Caro locations. These units can be used in emergency situations, like the 2003 northeastern U.S. blackout, but they are too expensive to run on a daily basis.



**Dallas Braun**  
General Manager

Our existing contract was set to expire at the end of 2012, but we were able to modify and extend it for an additional year, which will save co-op members about \$3 million. We were also successful in securing a new three-year contract with another wholesale supplier, starting in 2014, that will save another \$5 million. So, over the next five years Thumb Electric members will save approximately \$8 million in power supply costs!

How was TEC able to secure these contracts and the cost savings that come with it? Well, you have all probably heard the saying that “timing is everything” and that was exactly the case here. But, let’s look at two things that caused the timing to be right.

First, the economy has not rebounded very fast from the recession and many businesses remain closed that used to consume a tremendous amount of energy. With an ample supply of power available, this is a classic case of more supply than demand and prices dropped.

Secondly and more importantly, is the low price of natural gas. When TEC locked in its contracts, natural gas prices were at an all-time low, so timing appears to have been just right.

You might wonder why we couldn’t take advantage of this perfect timing and lock in these attractive prices even further into the future. Without a crystal ball, no wholesale power supplier wanted to gamble that much on the unknown. With a stumbling economy and uncertainty over what new regulations the Envi-

ronmental Protection Agency is going to enforce on coal-generating power plants, nobody is sure of how that supply-and-demand equation will turn out. In fact, Detroit Edison has recently announced that they will be closing the Harbor Beach coal-fired power plant. There will most likely be similar announcements in the next several years. With these changes on the horizon, the supply, demand, and ultimately the price of wholesale power, are very much “up in the air.”

Earlier this year, members started realizing the savings on their monthly bills in the form of a Power Supply Cost Recovery (PSCR) credit. This is actually listed as a “fuel and power adjustment” on a separate line item on your bill. On the July bills, the credit was 1.8 cents per kilowatt hour (kWh). For an average TEC member using 1,200 kWh per month, this savings amounted to over \$21 a month. Members will continue to see similar savings on future electric bills.

In a nutshell, Thumb Electric has locked in its electricity needs for the next five years. Rest assured, we will watch the market and look for other opportunities that will allow you, our members, to continue having a reliable source of electricity at a reasonable and competitive rate.



*Attention:* **DAIRY FARMERS**

Thumb Electric Co-op continues to provide trained personnel to help you solve your neutral-to-earth voltage problems. If you think you have neutral-to-earth voltage, please call us at **800-327-0166**

## Fuel Mix Report

The environmental characteristics of Thumb Electric Cooperative as required by Public Act 141 of 2000 for the 12-month period ended 6/30/12.

### COMPARISON OF FUEL SOURCES USED

#### Regional average fuel mix used

#### Your co-op's fuel mix

FUEL SOURCE	Your Co-op	Regional Average
Coal	75.0%	64.7%
Oil	0.2%	0.4%
Gas	2.5%	7.1%
Hydroelectric	0.1%	0.7%
Nuclear	20.3%	24.0%
Renewable Fuels	1.8%	3.1%
Biofuel	0.93%	0.1%
Biomass	0.02%	0.4%
Solar	0.41%	0.0%
Solid Waste Incineration	0.40%	0.4%
Wind	0.06%	1.7%
Wood	0.01%	0.4%

NOTE: Biomass above excludes wood; solid waste incineration includes landfill gas.

#### Your Co-op's Fuel Mix



#### Regional Avg. Fuel Mix



### EMISSIONS AND WASTE COMPARISON

TYPE OF EMISSION/WASTE	lbs/MWh	
	Your Co-op	Regional Average*
Sulfur Dioxide	7.1	8.2
Carbon Dioxide	2,122	2,186
Oxides of Nitrogen	2.2	2.0
High-level nuclear waste	0.0056	0.0083

\*Regional average fuel mix data was compiled from Michigan, Illinois, Indiana, Ohio and Wisconsin.

Purchased electricity accounted for virtually 100% of the electricity sold by Thumb Electric during the period. Because the actual fuel mix characteristics of all purchased electricity could not be discerned, the fuel mix data presented by Thumb Electric is the same data offered by DTE Energy, which supplies nearly all of Thumb's purchased power.

## Thumb Electric Members Celebrate Milestones



During the past year, I have had the privilege of presenting six Thumb Electric Cooperative members with recognition from the Historical Society of Michigan through their Centennial Farm Program. Since 1948, the program has recognized over 6,000 Michigan farms for ownership in the same family for over 100 years. Farms can qualify currently in one of two categories: the Centennial Farm, which is over 100 years in the family, and a Sesquicentennial Farm, which is over 150 years in the family.

Thumb Electric members that were recognized in the past year were the following:

■ **John Murray**; McAllister Rd., Ubyly; 150 years. Originally established by Peter Murray Sr. in 1860.

■ **Leo and Jeanette Danielski**; MacDonald Rd., Ubyly; 100 years. Originally established by Julius and Catherine Danielski in 1873.

■ **Mary Ann Currey**; North Colling Rd., Unionville; 100 years. Originally established by Kelsey Currey in 1903.

■ **Roger Duff**; Frenchline Rd., Marlette; 150 Years. Originally established by William Duff in 1859.

■ **Irvin and Elaine Kanaski**; Sullivan Rd., Kinde; 100 years. Originally established by Stephen Knasinski in 1903.

■ **Edward and Marsha Kosal**; Minden Rd., Palms; 100 years. Originally established by Michael and Josephine Kosal in 1855.

All of us here at Thumb Electric congratulate these family farms for their longevity and wish them many more years in the farm industry.

If you are interested in applying for farm certification, please contact us. Applications are available at our Ubyly office or contact the Michigan Centennial Farm Program at 517-324-1828 by phone or visit their website at [centennialfarms.org](http://centennialfarms.org).

—Brad Essenmacher

### Public Act 295: The Clean Renewable and Energy Efficient Act

Annual Energy Optimization Report • Thumb Electric Cooperative  
MPSC Case Number U-15821

Thumb Electric contracted with the Michigan Electric Cooperative Association (MECA) to administer Energy Optimization efforts in order to comply with P.A.295. MECA filed a 2½-year Energy Optimization plan with the MPSC on February 18, 2009, as required by P.A. 295. This EO plan was approved by the MPSC on May 12, 2009, and we began launching Energy Optimization programs in June 2009. CLEARresult Consulting, Great Lakes LLC, was selected to implement the Residential, Commercial Industrial Programs, and the Energy Optimization (EO) website [michigan-energy.org](http://michigan-energy.org). CLEARresult has subcontracted with Franklin Energy, JACO, Enercom, and the Michigan Community Action Agency Association to assist with EO program delivery.

In 2011, Thumb Electric collected \$211,454 through the Energy Optimization Surcharge and spent \$170,023, resulting in an overcollection of \$41,431 which will be applied towards 2012 EO Program delivery expenses and goal achievement. Thumb Electric achieved 663.4 megawatt-hours of energy savings in 2011.

The full report can be obtained at [michigan-energy.org](http://michigan-energy.org) or at [michigan.gov/mpsc](http://michigan.gov/mpsc).

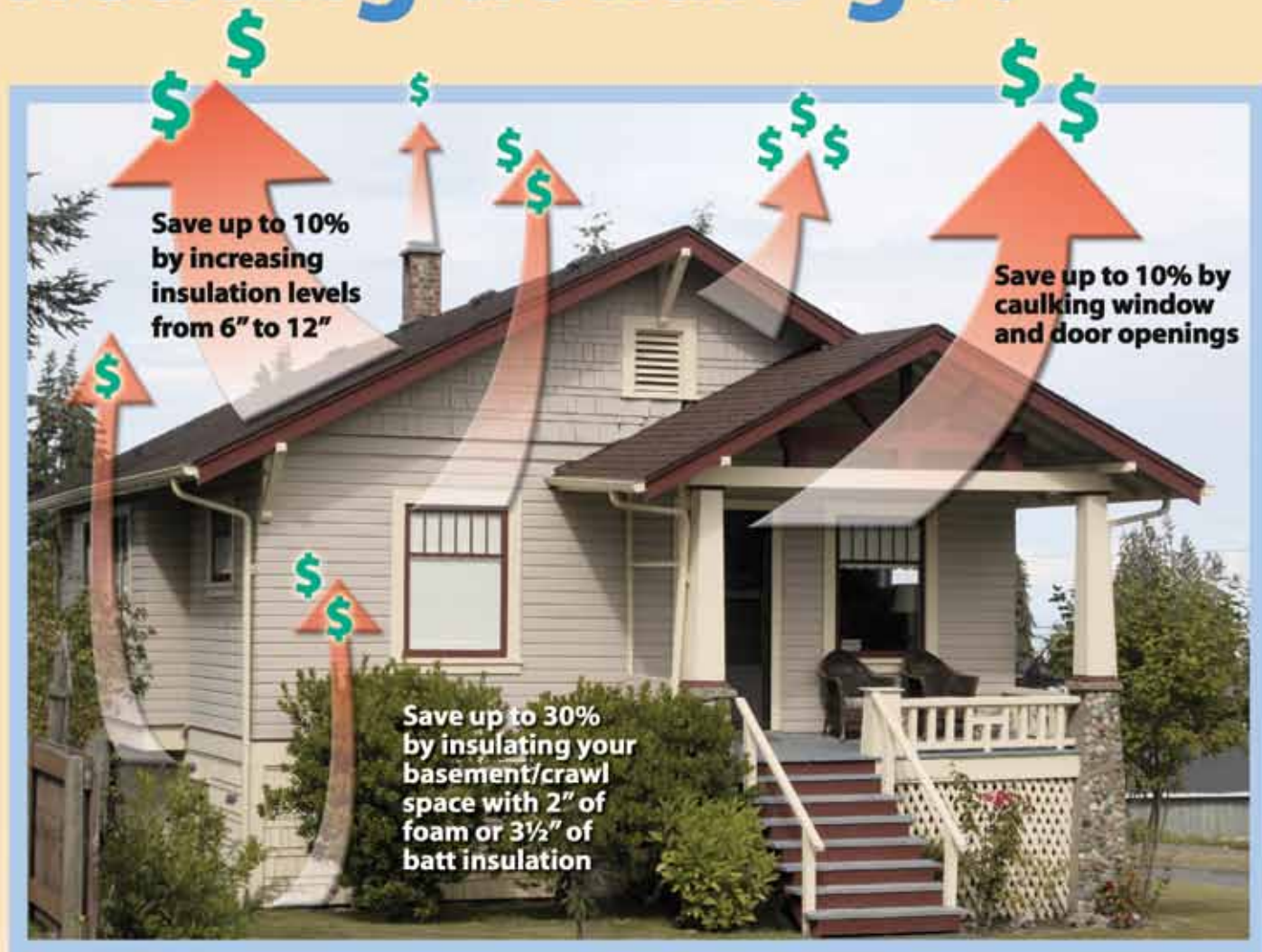
### Notice of Rules and Rates

This **Notice of Access to Rules and Rates** is published pursuant to the rules established by the Michigan Public Service Commission as set forth in the Consumer Standards and Billing Practices for Electrical and Gas Residential Service, R460.2146 and 2149.

As a member-customer (member) of Thumb Electric Cooperative, please be advised that the following information is available to you from the cooperative, upon request:

- 1) Complete rate schedules.
- 2) Clear and concise explanation of all rates that the member may be eligible to receive.
- 3) Assistance from the cooperative in determining the most appropriate rate for a member when the member is eligible to receive service under more than one rate.
- 4) Clear and concise explanation of members' actual energy use for each billing period during the last 12 months.

# Where do your heating dollars go?



## Insulate and \$AVE!

Call the energy experts today for your free in-home analysis. We offer energy efficiency loans up to \$15,000 at 7 percent interest, payable over 7 years, to qualified members.



**989-658-8571 or 1-800-327-0166**

# STATE OF MICHIGAN

## BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

### NOTICE OF HEARING FOR THE CUSTOMERS OF CLOVERLAND ELECTRIC COOPERATIVE, MIDWEST ENERGY COOPERATIVE, ONTONAGON COUNTY RURAL ELECTRIFICATION ASSOCIATION, PRESQUE ISLE ELECTRIC & GAS CO-OP, and THUMB ELECTRIC COOPERATIVE CASES NUMBERS U-16744, U-16746, U-16747, U-16748 and U-16749

- Cloverland Electric Cooperative, Midwest Energy Cooperative, Ontonagon County Rural Electrification Association, Presque Isle Electric & Gas Co-Op, and Thumb Electric Cooperative (the Cooperatives) request Michigan Public Service Commission approval to reconcile their individual Energy Optimization (EO) plan expenditures and revenues collected for their EO plans, for the period ended December 31, 2011.
- The information below describes how a person may participate in this case.
- You may call or write the Cooperatives' attorney, Mr. Shaun M. Johnson, at Dykema Gossett PLLC, Capitol View, 201 Townsend Street, Suite 900, Lansing, MI 48933, Phone: 517.374.9100 for a free copy of the application. Any person may review the application at Dykema's offices or at the respective offices of the Cooperatives.
- The first public hearing in this matter will be held:

**DATE/TIME:** September 26, 2012, at 9:30 a.m. This hearing will be a prehearing conference to set future hearing dates and decide other procedural matters.

**BEFORE:** Administrative Law Judge Theresa A. Sheets

**LOCATION:** Constitution Hall, 525 West Allegan, Lansing, Michigan

**PARTICIPATION:** Any interested person may attend and participate. The hearing site is accessible, including handicapped parking. Persons needing any accommodation to participate should contact the Commission's Executive Secretary at (517) 241-6160 in advance to request mobility, visual, hearing or other assistance.

The Michigan Public Service Commission (Commission) will hold a public hearing to consider the Cooperatives July 2, 2012, joint application for Commission approval to reconcile their individual EO plans for the period ended December 31, 2011. The Cooperatives are requesting authorization to reconcile their EO expenditures and revenues for the period ended December 31, 2011.

All documents filed in this case shall be submitted electronically through the Commission's E-Dockets website at: [michigan.gov/mpscedockets](http://michigan.gov/mpscedockets). Requirements and instructions for filing can be found in the User Manual on the E-Dockets help page. Documents may also be submitted, in Word or PDF format, as an attachment to an email sent to: [mpscedockets@michigan.gov](mailto:mpscedockets@michigan.gov). If you require assistance prior to e-filing, contact Commission staff at (517) 241-6180 or by email at: [mpscedockets@michigan.gov](mailto:mpscedockets@michigan.gov).

Any person wishing to intervene and become a party to the case shall electronically file a petition to intervene with this Commission by September 19, 2012. (Interested persons may elect to file using the traditional paper format.) The proof of service shall indicate service upon the Cooperatives' attorney, Shaun M. Johnson, at Dykema Gossett PLLC, Capitol View, 201 Townsend Street, Suite 900, Lansing, Michigan 48933.

Any person wishing to make a statement of position without becoming a party to the case may participate by filing an appearance. To file an appearance, the individual must attend the hearing and advise the presiding administrative law judge of his or her wish to make a statement of position. All information submitted to the Commission in this matter will become public information: available on the Michigan Public Service Commission's website, and subject to disclosure.

Requests for adjournment must be made pursuant to the Commission's Rules of Practice and Procedure R 460.17315 and R 460.17335. Requests for further information on adjournment should be directed to (517) 241-6060.

A copy of the Cooperatives' request may be reviewed on the Commission's website at: [michigan.gov/mpscedockets](http://michigan.gov/mpscedockets), and at the office of Dykema Gossett PLLC, Capitol View, 201 Townsend Street, Suite 900, Lansing, MI; or at the respective Cooperatives' offices. For more information on how to participate in a case, you may contact the Commission at the above address or by telephone at (517) 241-6180.

Jurisdiction is pursuant to 1909 PA 106, as amended, MCL 460.551 et seq.; 1919 PA 419, as amended, MCL 460.54 et seq.; 1939 PA 3, as amended, MCL 460.1 et seq.; 1982 PA 304, as amended, MCL 460.6h et seq.; 1969 PA 306, as amended, MCL 24.201 et seq.; 2008 PA 295, MCL 460.1001 et seq., and the Commission's Rules of Practice and Procedure, as amended, 1999 AC, R 460.17101 et seq.

July 27, 2012

# STATE OF MICHIGAN

## BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

### NOTICE OF HEARING FOR THE CUSTOMERS OF MIDWEST ENERGY COOPERATIVE, ONTONAGON COUNTY RURAL ELECTRIFICATION ASSOCIATION, PRESQUE ISLE ELECTRIC & GAS CO-OP, AND THUMB ELECTRIC COOPERATIVE CASES NUMBERS. U-16665, U-16666, U-16667, and U-16668

- Midwest Energy Cooperative, Ontonagon County Rural Electrification Association, Presque Isle Electric & Gas Co-op, and Thumb Electric Cooperative (the Cooperatives) request Michigan Public Service Commission approval to reconcile their respective Renewable Energy Plan (REP) revenues and expenditures for their respective REP plans for the period ended December 31, 2011.
- The information below describes how a person may participate in this case.
- You may call or write the Cooperatives' attorney, Mr. Shaun M. Johnson, at Dykema Gossett PLLC, Capitol View, 201 Townsend Street, Suite 900, Lansing, MI 48933, Phone: 517-374-9100 for a free copy of the applications. Any person may review the applications at Dykema's offices or at the respective offices of the Cooperatives.
- The first public hearing in this matter will be held:

**DATE/TIME:** September 26, 2012, at 9:00 a.m. This hearing will be a prehearing conference to set future hearing dates and decide other procedural matters.

**BEFORE:** Administrative Law Judge Dennis W. Mack

**LOCATION:** Constitution Hall, 525 West Allegan, Lansing, Michigan

**PARTICIPATION:** Any interested person may attend and participate. The hearing site is accessible, including handicapped parking. Persons needing any accommodation to participate should contact the Commission's Executive Secretary at (517) 241-6160 in advance to request mobility, visual, hearing or other assistance.

The Michigan Public Service Commission (Commission) will hold a public hearing to consider the Cooperatives' July 30, 2012 and July 31, 2012 respective applications for Commission approval to reconcile their respective REP plans for the period ended December 31, 2011. The Cooperatives represent that their REP filings included no request for a renewable energy surcharge, no surcharge was approved and none was charged to their member-customers in 2011. The Cooperatives further represent that there are neither revenues nor expenditures to reconcile.

All documents filed in this case shall be submitted electronically through the Commission's E-Dockets website at: [michigan.gov/mpscedockets](http://michigan.gov/mpscedockets). Requirements and instructions for filing can be found in the User Manual on the E-Dockets help page. Documents may also be submitted, in Word or PDF format, as an attachment to an email sent to: [mpscedockets@michigan.gov](mailto:mpscedockets@michigan.gov). If you require assistance prior to e-filing, contact Commission staff at (517) 241-6180 or by email at: [mpscedockets@michigan.gov](mailto:mpscedockets@michigan.gov).

Any person wishing to intervene and become a party to the cases shall electronically file a petition to intervene with this Commission by September 19, 2012. (Petitions to intervene may also be filed using the traditional paper format.) The proof of service shall indicate service upon the Cooperatives' attorney, Shaun M. Johnson, at Dykema Gossett PLLC, Capitol View, 201 Townsend Street, Suite 900, Lansing, Michigan 48933.

Any person wishing to appear at the public hearing to make a statement of position without becoming a party to the cases may participate by filing an appearance. To file an appearance, the individual must attend the hearing and advise the presiding administrative law judge of his or her wish to make a statement of position. All information submitted to the Commission in this matter will become public information: available on the Michigan Public Service Commission's website, and subject to disclosure.

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August 23, 2012



# Green Thumb Home Heating

Geothermal is a simple technology that uses the earth's renewable energy to provide high-efficiency heating and cooling. In winter, the system draws heat from the ground and transfers it to your home. In summer, it extracts heat from your home and transfers it to the ground. **Contact the energy experts at Thumb Electric Cooperative at 800-327-0166** for honest answers on your energy choices, or call any of the trained and certified installers listed here.

**All-Temperature Geothermal Systems**  
1000 E. Sanilac Rd., Caro, MI 48723  
989-673-5557

**Ameriheat, Justin Faber**  
2891 E. Forester Rd., Deckerville, MI 48427  
810-376-4534

**B & D Heating, Cooling & Plumbing**  
1148 North Van Dyke, Bad Axe, MI 48413  
800-515-1117

**Burkhard Plumbing & Heating**  
638 E. Huron Ave., Bad Axe, MI 48413  
989-269-7532

**Certified Temperature Innovations**  
3107 Custer Rd., Carsonville, MI 48419  
810-300-7748

**Climattech**  
3274 S. Main St., Marlette, MI 48453  
989-635-COOL

**Cosenza Plumbing & Heating, Inc.**  
6725 E. Sanilac Rd., Port Sanilac, MI 48469  
810-622-8347

**ES Sheetmetal, Gene Root**  
9450 Belsay, Millington, MI 48746  
989-871-2067

**Geo Renew Systems, Inc.**  
3045 Grange Hall Rd., #7, Holly, MI 48442  
248-531-0325

**Geomasters, Inc., Plumbing & Heating**  
57 Ward St., Crosswell, MI 48422  
810-679-2251

**Geothermal Systems of Lapeer, LLC**  
6689 Orchard Lk. Rd. #188  
West Bloomfield, MI 48322, 810-240-2116

**Holland Heating and Cooling**  
9160 Lapeer Rd., Davison, MI 48423  
810-653-4328

**Ingell Refrigeration**  
1115 4th St., Port Huron, MI 48060  
810-982-4226

**J & B Plumbing & Heating**  
7641 Pigeon Rd., Pigeon, MI 48755  
989-453-3931

**Jack McCain Plumbing & Heating**  
9651 Weale Rd., Bay Port, MI 48720  
989-453-2277

**Kowaleski Heating & Cooling, LLC**  
3977 Ruppel Rd., Port Hope, MI 48468  
989-428-3371

**Kulek Heating & Air Conditioning**  
14421 Jeddo Rd., Yale, MI 48097  
810-387-4452

**Kundering & Kroll**  
31 E. Main St., Sebawaing, MI 48759  
989-883-2770

**Lakeshore Improvements Plumbing & Heating**  
7825 Big Gully Rd., Palms, MI 48465  
989-864-3833

**Michigan Energy Services**  
8445 Main St., Whitmore Lake, MI 48189  
888-339-7700

**NRG Control**  
3690 Washburn Rd.  
Vassar, MI 48768  
989-670-2543

**Newton-Johnson Plumbing & Heating**  
112 N. Main St., Vassar, MI 48768  
989-823-2341

**Orton Refrigeration**  
31 W. Sanilac Rd., Sandusky, MI 48471  
810-648-2252

**Preferred Heating**  
7736 Arendt, Melvin, MI 48454  
810-378-5454

**Priority Service by Porter & Heckman**  
3056 Davison Rd., Lapeer, MI 48446  
810-644-8576

**Shetler Plumbing & Heating**  
7184 Nitz St., Pigeon, MI 48755  
800-547-3651

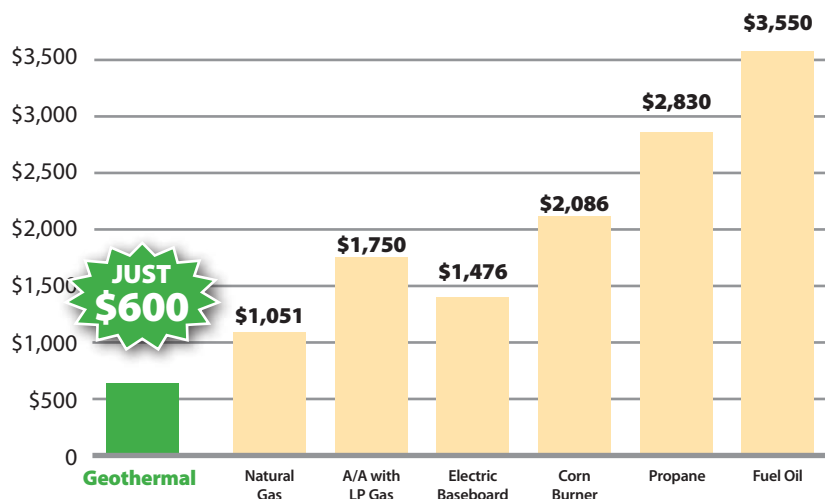
**Superior, Inc.**  
3442 Cemetary Rd., Cass City, MI 48726  
989-872-3305

**Thumb Cooling & Heating**  
5599 Pochert Rd., Port Hope, MI 48468  
989-428-4948  
**And:** 837 South State, Caro, MI 48723  
989-672-4948



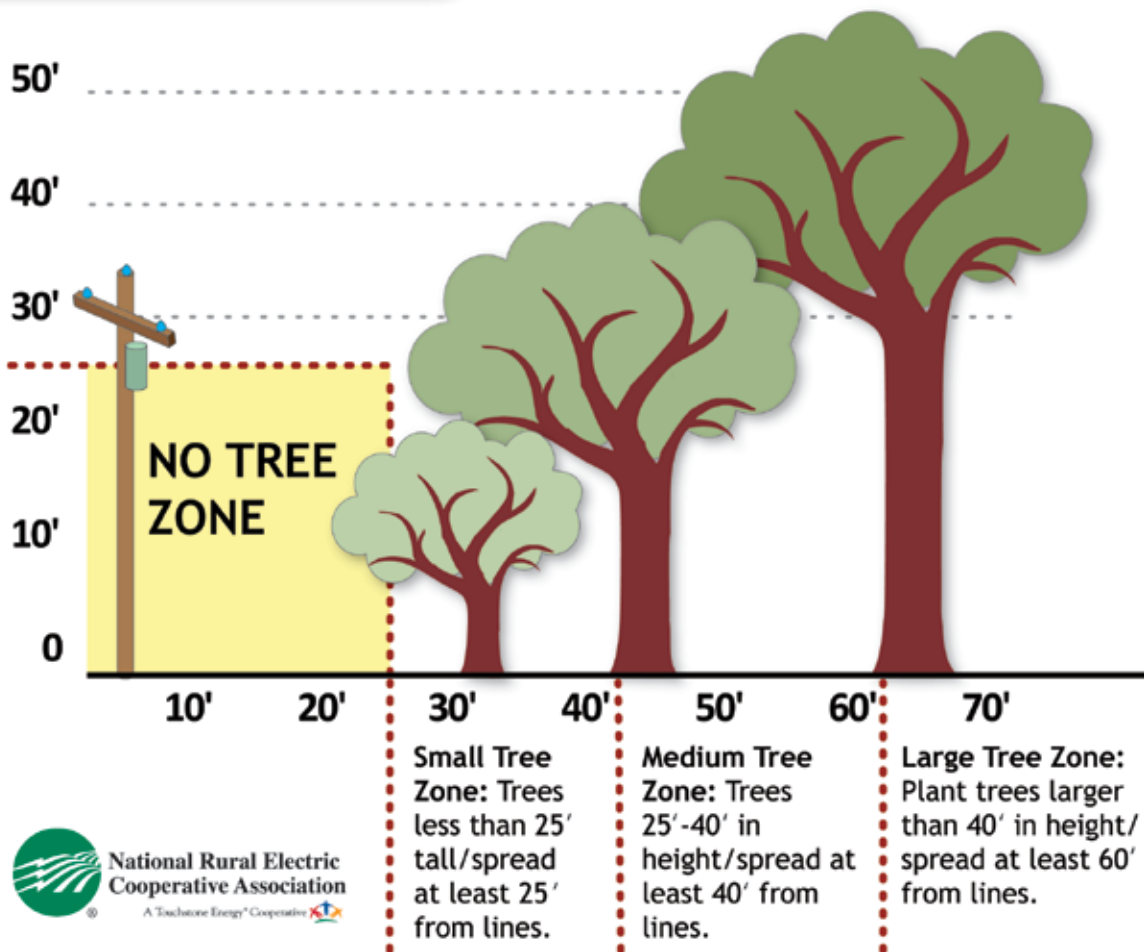
## Annual Operating Costs

For an Average 1,800 Sq. Ft. Home  
(45,000 BTU heating load, 20,000 BTU cooling load)



Factors Used: **Electric Baseboard**, **Air-Source Heat Pump** and **Geothermal**—based on TEC's 6.05¢/kWh dual-fuel rate. **LP gas**—based on \$2.25/gal. and 90% efficient furnace. **Fuel Oil**—based on \$3.50/gal. and 80% efficient furnace. **Natural Gas**—based on \$1.08/therm., 90% efficient furnace including \$9/mo. service charge. **Corn**—based on \$6/bushel. (Electric baseboard and corn operating costs do not include air conditioning.)

## Tree Planting Guide



## The Right Tree in the Right Place

**T**he Arbor Day Foundation encourages thoughtful practices that help preserve community trees while also benefiting electric co-op consumers.

Trees can help cool your home and neighborhood, break cold winds to lower heating costs, and provide food for wildlife. Properly placed trees can lower line clearance costs for utility companies, reduce tree mortality, and result in healthier community forests.

Tall trees surrounding your home, such as maple, oak, pine and spruce, provide summer shade to lower cooling costs and keep out cold winter winds. Medium trees, 40 feet or less in mature height, might include Washington hawthorne and golden raintree, while smaller trees suitable for planting near utility lines might include redbud, dogwood and crabapple. When planting near utility lines, consider a 25-foot maximum mature height and a 20-foot spread.

To learn more about which trees work best in your yard, visit [arborday.org](http://arborday.org).



# Heat It Up, Cool It Down

In Michigan, you can expect 70 percent of your home's energy use to come from heating & cooling.  
*— U.S. Department of Energy*

**H**ow do you know if it's time to replace your heating, ventilation or air conditioning (HVAC) system? Answer the following questions to find out.

1. Does your furnace or air conditioner struggle to keep your home comfortable?.....**Yes / No**
2. Is your HVAC system more than 15 years old?.....**Yes / No**
3. In the last two years, has your equipment required frequent repairs?.....**Yes / No**
4. Have you noticed significantly higher energy bills?.....**Yes / No**
5. Are these systems loud or annoying?.....**Yes / No**

## Priority 1: Energy Efficiency

If you answered yes to any of these questions, it's time to look for a new HVAC system. Even if your system passes this test, it doesn't hurt to explore your options now so that you're ready if it acts up in the future.

One of the most important things to look for in a new system is energy efficiency.

ENERGY STAR® furnaces are up to 16 percent more efficient than standard models and can save you as much as \$94 per year. An ENERGY STAR-qualified central air conditioner can cut cooling costs by 30 percent. These savings add up year after year, helping to offset the purchase price.

## Buying Tips:

- ◆ Ask a reputable HVAC contractor if installing an electronically commutated motor (ECM) in your furnace would deliver decent energy savings.

- ◆ Replace your heating and cooling equipment at the same time. The two pieces work together, so it makes sense for them to be equal in performance and model year.

- ◆ Get a deal (see rebates, right).

- ◆ Opt for the highest annual fuel utilization efficiency (AFUE) rating

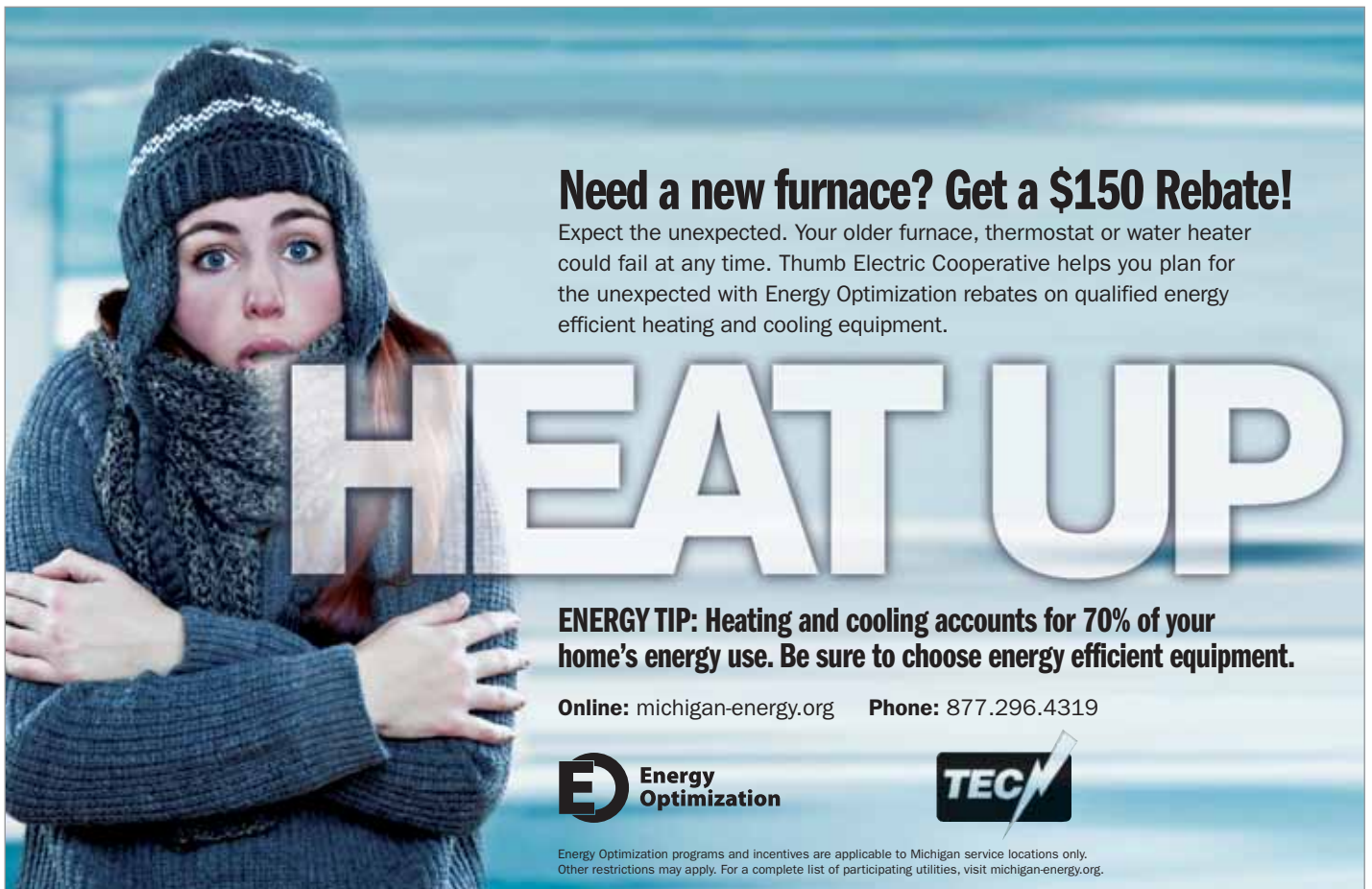
you can find—some furnaces now have a 97 percent AFUE.

**Rebates** Through the Energy Optimization (EO) program, your electric co-op provides rebates on energy efficient equipment, including HVAC components.

Manufacturers and retailers may also offer other rebates and discounts on qualifying energy efficient products. Ask a sales representative for details.

**It Pays To Save** The bottom line is, when you buy a new HVAC system make sure it's energy efficient. For more ways to save, check Thumb Electric Cooperative's other EO programs (the ad below has website and phone). Visit the Michigan Saves program ([michigansaves.org](http://michigansaves.org)) for potential financing.

SAMPLE ENERGY EFFICIENCY PRODUCTS	REBATE
Room Air Conditioner .....	\$20
Programmable Thermostat .....	\$20
ECM Furnace Blower Motor .....	\$150
Electric Water Heater (.93 efficiency factor (EF) or higher) .....	\$50
Pipe Wrap Insulation (installed on electric water heater outlet).....	\$4
Heat Pump Water Heater (2.0 EF or higher) .....	\$100





## Need a new furnace? Get a \$150 Rebate!

Expect the unexpected. Your older furnace, thermostat or water heater could fail at any time. Thumb Electric Cooperative helps you plan for the unexpected with Energy Optimization rebates on qualified energy efficient heating and cooling equipment.

**ENERGY TIP: Heating and cooling accounts for 70% of your home's energy use. Be sure to choose energy efficient equipment.**

**Online:** [michigan-energy.org](http://michigan-energy.org)    **Phone:** 877.296.4319

Energy Optimization programs and incentives are applicable to Michigan service locations only. Other restrictions may apply. For a complete list of participating utilities, visit [michigan-energy.org](http://michigan-energy.org).

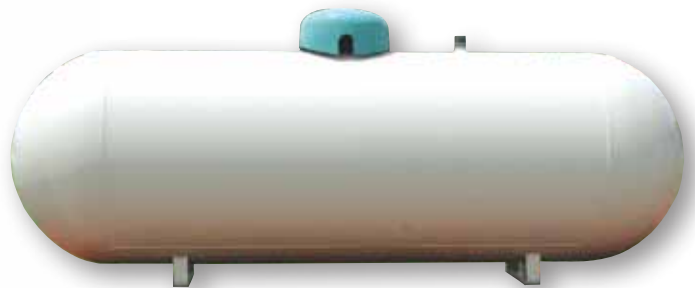


Thumb Electric  
Cooperative  
www.tecmi.coop

# Where is your money?



With TEsC's metered  
LP gas service, your  
money stays in  
the bank.



*Bank it—or tank it.  
It's your choice. Pay for the gas after you use it!*

- If you want...**
- ▶ to be treated fairly
  - ▶ excellent scheduled fill service
  - ▶ automatic bill payment discount
  - ▶ to pay for the gas you use after you use it
- ...order TEsC's LP Gas Service today!**

**Call for details and pricing about our metered gas service**

**989-658-8571 or 1-800-327-0166**



(Not regulated by the Michigan Public Service Commission)