10-176-EL-ATA

EXHIBITS FOR N. RIDGEVILLE HEARING

11-22-10

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DOCKETING DIVISION
Public Utilities Commission of Ohio

ELECTA SERVICE



in your NEW HOME

HAZEL SFERRY HOLLOW CT OF 33025 HIDDEN HOLLOW CT OF

Dear Customer:

We want you to know about the services we provide so you can make informed decisions regarding your use of electricity.

If you have any questions, please stop by our office or give us a call. The Ohio Edison office that serves you is listed on your electric bill, and in your local phone directory. Our normal business hours are 8 a.m. to 5 p.m., Monday through Friday. For your convenience, the following toll-free numbers can be used 24 hours a day, regardless of where you live in our service area:

We're pleased to have you as a customer, and we look forward to serving you.

The Employees of Ohio Edison Company

light bulb ow your electric

own meter to determine weekly or monthly use or to check an electric You can read your your hourly, daily, bill for accuracy.

being used. These dials oad meter, which could that measure your electricity use (except for a measure the number of 1,000 watts of electriciy used continuously for You'll notice either four directly in front of your only when electricity is electric meter, with the have up to eight dials, bers and a pointer like the face of your meter Each dial has ten num kilowatt-hours (KWHs) or five round dials on The pointers advance as explained later). 10,000's. A KWH is the hand on a clock. You should stand you use in 1's, 10's, meter at eye level. 100's, 1,000's and

To determine meter reading, read the from the right and mov-Your correct down the number from dials in order, starting ing to the left. Write se between two numwill use in cases, the pointer will ten hours. bers on the dial. The correct number is the right to left. In most lower of the two.

.2 A typical reading shown below.

When a dial hand number, as dial (1) in ook at dial © on the appears exactly on a Nustration 👁 below, right. If the hand on

zero, the number 6 has reached on dial @ and the reading on that dial dial © has not passed ber — 5. The reading is the next lower numnot actually been on dial (1) is 9.

most recent bill from the To figure the number he present month, submeter reading on your present reading. This of KWHs used during tract the last month's will give the KWHs used for the period.

ast month was 75,245, 75,933, the KWH use So, if your reading the difference between the two numbers, or 688 kilowatt-hours. and this month its

MCLCL WOLKS meter foce. This How your load

or five round dials in the In addition to the four that measure the number a calibrated scale marked KILOWATTS (KW) (Figures needles that move along center of the meter face hree dials (Figure 🕥). nave either one or two ♠&⊕) or a series of needed for residential customers on the load of KWHs used, load meters — which are management rate —

Meter @ has three

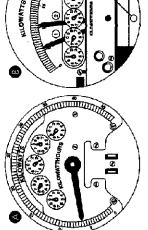
Load meter @ has a black needle that

moves along the KW the outer rim of the calibrated scale on needle registers the

The load reading in this highest load since the meter was last read. example is 6 KW.

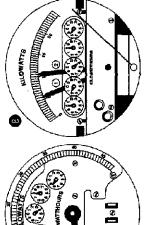
30-minute load and the home. The scale on the meter face is calibrated current amount of elecin KWs to measure the wo electric loads. The olunt needle with a red Load meter 🕒 meatricity flowing into the sures both the highest being used. The black electric load currently ip (1) measures the

needle ② measures th nighest 30-minute elecric load registered sinc he meter was last reac n this example, the loc 1) is now 5.5 KW, an he maximum 30-minu oad (2) was 10.5 KW the black needle is rese When the meter reade visits the hame each mon to the red-tipped needl dials that measure load ine between the first to cates the decimal poin These dials are also rec right to left. The black he load reading in th dials on the right indiexample is 14.0 KW.



75,245

WRITE -



one hour. For example, one KWH is the amount of

electricity one 100-watt

Two types of rates

for residential customers. customer is billed under is indicated on the electric bill. The two types two basic rate options Ohio Edison offers The rate structure a of rates are:

STANDARD RATE:

This rate is generally customers who normally tricity each month. It is based only on the total kilowatt-hours of elecused, not the amount more economical for amount of electricity used at one time, so use less than 1,000 it doesn't require a load meter.

LOAD MANAGEMENT

The load management customers who normally rate is designed for

based on measurements tricity each month. It is of both total consumpkilowatt-hours of elecused at any one time, ion of electricity and so it requires a load use more than 1,000 he greatest amount

slightly higher customer charge and a slightly higher charge for the The load management rate includes a irst 250 KWHs to reflect the higher

with the load meter. But customers who spread expenses associated out their use of

major electric appliances money on can save

80-gallon electric water heater — may be eligineating system and an ole for special rate electric appliances - like an electric who have major Customers

YOU HAVE A CHOICE

rate still have the option of switching to the standard rate. If you do so, have selected the more economical rate option based on your particuthe load management it will remain in effect for at least 12 months. ar use, customers on Even though we

nas made the other rate We analyze customer bills annually and notify in their use of electricity option more economical customers if a change

Ohio Edison office has more information on options. Your local these rate aptions,

Estimated electric bills

inside your home and

If your meter is

seen problems keep our weather conditions, illnesses or other unforereading all the meters Sometimes severe meter readers from on their routes.

When this happens, we have to estimate

your meter the following based on your previous adjusted when we read your electricity use durelectric bills. Any differ ng the billing period, and actual reading is ence in the estimated

we cannot enter, we will month.

reading to our customer also call in your meter your meter and return date shown. You may postcard. Please read the card to us by the leave an addressed service office.

Yayment programs

monthly payment is based PREFERRED PAYMENT available to all residencustomer, projected use. on past billing periods charge, you make uni-PLAN With this plan, or, if you are a new throughout the year. ial customers at no The amount of your form payments

actual cost of service is months, and your bill reviewed every three will be adjusted if the ower or higher than the monthly amount This payment is

CHECKLESS PAYMENT CheckLess Payment PLAN With the

Extended Payment Plan

ry to arrange an

time, without the expense vour checking or savings Plan, a copy of your bill amount due is automati is sent to you about ten rips to our office. See account. Your electric bill is always paid on he inside of the book of stamps, checks or days before the total cally deducted from or an application.

oay your electric bill on EXTENDED PAYMENT icult or impossible to arise that make it difime, we urge you to department. We will PLAN If conditions contact our credit

responsible for any

schedule more suited to tain service while makyour financial situation. that will let you maining payments on a

PERCENTAGE OF INCOME PLAN

bills may qualify for the lomers whose household incomes are at or below 150 percent of the fed-Percentage of Income designed to help cushelp paying past-due Customers who need Plan (PIP), which is eral poventy level

PIP and will have elecunpaid balance under Customers are

How to read

. UPPER PORTION OF

marizes the information payment. When paying in person, please bring the entire bill so we can YOUR BILL This sumbelow. When paying by mail, please return and issue your receipt this portion with your credit your payment

which electric service is ELECTRICITY USED AT This is the address at furnished.

ACCOUNT NUMBER

vice or bill, please refer to your account number. This is the Ohio Edison about your electric ser-OFFICE FOR SERVICE AND INFORMATION When contacting us

office that serves your

5. RATE This is your rate for electric service.

SERVICE PERIOD

reading dates for the current billing period These are the meter

7. METER READING

taken from your electric hese are the previous and current readings meter.

TYPE OF READING

f we read your meter nis month, ACTUAL will appear here. If meter was not read, you read your own will appear. If your meter, CUSTOMER ESTIMATE will be hown.

current and previous amount of electricity KILOWATT-HOURS used between the USED This is the meter readings.

BILLING LOAD

rate, this is the highest kilowatt (KW) demand the load management measured 30-minute tomers served under For residential cussince the last meter reading.

11. PREVIOUS BALANCE, **PAYMENTS** These **ADJUSTMENTS**,

and payments for elecndicate your previous salance, if any, as of charges, adjustments he date the bill was ric service and the prepared.

CHARGE This shows 12. LATE PAYMENT

charge, if any, as of the date the bill was the late payment prepared.

PRESENT BILLING <u>∾</u>

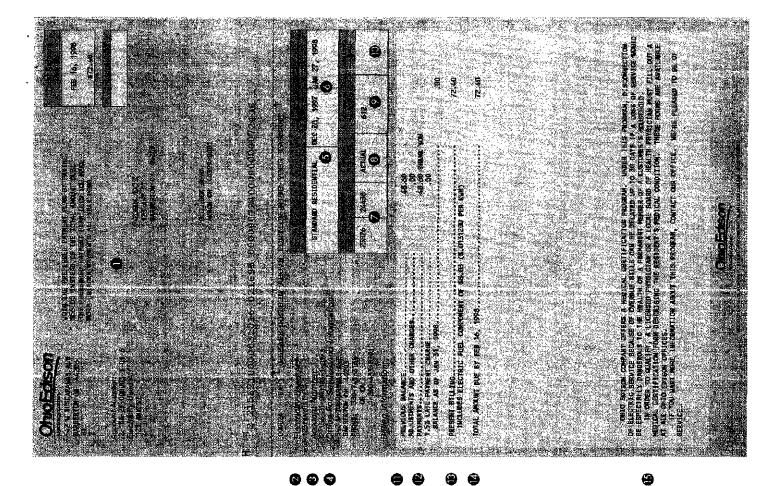
This is the total amount used during the service his amount that reflects period. The portion of you owe for electricity under PUCO rules. vel costs must be shown separately

TOTAL AMOUNT DUE 4

This shows the amount service, and the date to avoid a 1.5 percent he bill must be paid you owe for electric late payment fee.

SPECIAL MESSAGE

communicate issues In this section we electric customers.



Home improvement

Services

HEATING AND AIR CONDITIONING

if you're thinking about are ready to assist you with information about and cooling system, or ing, Ohio Edison can help. Our A+ dealers adding air conditionreplace your heating When it's time to

the heating system that's be sure that you will get tem service and reliabil-When you call an Ohio cooling dealer, you can Edison A+ heating and the highest quality sysity. Call us for a list of right for your home. A+ dealers in your area.

on electric water heater ate as natural gas, and less than oil or propane. nigh-efficiency, 80-galy payments and a speabout the same to oper growing – chances are When you purchase a you'll enjoy low monthcial water-heating rate that could save you up ing - or your home is has twice the capacity To find out more, call electric water heater of the average fossilcosts. An 80-gallon vour water-heating from Ohio Edison, fuel tank and costs monthly operating to 50 percent on

WATER HEATING

your home. It can

and security, and

also add safety

extend outdoor

new dimension of

LANDSCAPE LIGHTING

> needs are growing, too. If your family is grow-

of high-quality cast atu-

Choose from a variety

your electric bill.

minum, brass and com-

posite fixtures in any

combination of path,

directional and accent

ights for a dramatic ook after dark. Post



Whether you're

comfortable and energy new home construction. Good Cents home proefficient, with the right Ohio Edison can help with special programs combination of insulaand heating, cooling home or adding on, ouild a home that is tion, weatherization for remodeling and gram can help you Our Environmental and water heating building a new

ights can be added to

any system or installed

alone for additional accents. All outdoor ighting systems are designed and installed

oy professional

contractors

have it picked up and services are available to customers for a fee. recycled at no charge. hat you are not plan-THE ADVICE IS FREE if you have a second, ning to replace, we'll working refrigerator Appliance recycling

vices, call Ohio Edison at 1-800-505-SAVE. hese and other ser-For information on

Assistance programs

PROJECT REACH Ohio other areas served by agencies that determine eligibility and administer time financial assistance who might lose service unemployed customers Edison's Project Reach the program are The program offers onebecause of overdue Services of Western to low-income and Family Counseling Stark County, Inc., energy bills. The and The Salvation Army in all

Ohio Edison.

select a third party who Program, customers can party (a friend, relawill be notified, along NOTIFICATION With connected. The third before service is disfive, clergy, or Ohio Edison's Third with the customer, Party Notification THIRD PARTY

agency)

social service has no

remind the customer of pending disconnection obligation to pay the overdue bill, but can and help in making arrangements for MEDICAL poyment.

CERTIFICATION WITH

serious health reasons, Ohio Edison's Medical any licensed physician Certification program, can certify that, for service to a patient should not be disconnected

CUSTOMERS' LIST

can discuss appropriate receive special attention during efforts to restore back-up equipment the should contact us. We the event of an outage. ife-support equipment these customers would customer should have to maintain service in Customers who need service interruption, Also, if there is a electric service.

PROGRAM With the

might need help but are our meter readers, cuslomer service representhemselves. When we Gatekeeper Program, we notify a participat agency that can help. seems to be in need, elderly people who unable to get it for find someone who employees receive training to identify ing social service tatives and other

PROGRAM Our CRIMEWATCH

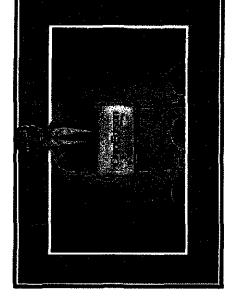
rehicles serve as extra report crimes and susemployees who work picious activities they from radio-equipped ments by using their local police departtwo-way radias to eyes and ears for might see as they Ohio Edison vehicles gram are clearly marked decal to remind residents, especially children, that participating in the prowith the CrimeWatch hey can get help.

schools and groups for each group, help them about CrimeWatch. A Our employees visit slide presentation and nake sure they know nandouts, tailared to employees can assist elderly customers to understand that our if they're in trouble. and personal safety information is also provided on home ocal elementary

Services

SPEAKERS BUREAU

bopics — anything from tomens with information made up of employees power plant to electritime to provide cuson a wide range of Speakers Bureau is who volunteer their he operation of a The Ohio Edison



cal technology and personal and home safety.

eave time afterward to The services of the Speakers Bureau are free and designed to answer questions.

EDUCATIONAL

grants and other eduvideotapes, literature, available to schools a wide selection of cational resources

Wisely - and sately

help you

publications to help offers a variety of customers make The proper selection, electric appliances can use and care of your

also have information by our office for more on using this invisible give us a call or stop use of electricity. We servant safely. Just nformation Ohio Edison your electric value from get more

service.

regarding the efficient informed decisions

and community groups. RESOURCES We have

goes out? What should you do if the power

restore service as soon the cause is probably out. If they are, then neighbors' lights are outside your home. that case, we would appreciate a call to First, see if your as possible.

fuse or a tripped circuit ights are on, the probbreaker in your home. em could be a blown panel, usually located somewhere near your They're in the service If your neighbors' attached garage or n the basement, ectric meter.

 Disconnect the lamps circuit went out. (2) Be If one of your fuses were in use when the sure your hands and and appliances that he floor are dry. has blown:

through the

circuit.

all electricity This cuts off replace the while you 4) Using flashlight, Use.

Here are some possible

caused the disruption.

iive lamp or appliance, troublemakers: defec-

overloaded motor,

faulty lamp socket or

ixture, worn-out or

circuit, check the equipment to determine what

Before you reset the

you see one or more fuses until check the new one that is the

he main switch and the that has a broken metal strip. Replace it with a proper size. (5) Return circuit should be ready again.

loo many appliances or

lamps on one outlet.

frayed appliance cord

or extension cord, or

the switch first to the full

ed the problem, move

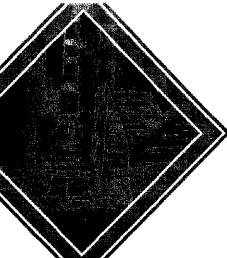
"off" position and then

back to the "on" setting.

After you've correct-

does the same job as a breaker switch automatfuse, but works a little differently. When the ically flips to the "off" loaded or some other circuit becomes overposition. When this problem occurs, the A circuit breaker appens, electricity cannot flow

persists, call an electrical uses or circuit breakers If trouble with the contractor. Substitute emedies can be hazardous.



3) Flip the main switch

in your service panel.

near power lines Planting trees

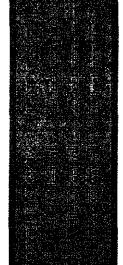
near power lines. Trees us control tree trimming, and positioning of trees Customers can help that will not grow over 30 feet tall are preferable for planting near a major expense, by carefully considering the proper selection

power ines.

that will grow select a tree if you

use the following as taller than 30 feet,





Voltage fluctuations

can affect our cus-

home or on our electric or trip a circuit breaker system is connected to nies, a disruption to a age fluctuation might sýstem. Because our other electric compacan cause voltage to not even be in your fluctuate. home, lightning, a tree refrigerator, cycling on belevisions to blink. In and off. Outside your your home, a voltage cause fights to dim or appliance, such as a other momentary dis-Slight changes in caused by a major branch touching a power line, or any Auctuation can be voltage levels can

The cause of a volt-

Although our electric tomers. ruption that isn't strong enough to blow a fuse

before they get to your nome, there are some system corrects most voltage fluctuations hings you can do:

 When buying new naintain data memory as battery-backup that case there's a voltage look for features such and clock function in fluctuation or service equipment, you can

increases. They can be purchased at most elec- Surge protectors absorb some voltage fronics stores.

power supply system owners can buy a

 Personal computer to maintain power long

during a disturbance to the regular electric supply. enough for data to be stored and protected

Employee identification

Before letting someone into your home, please employee is issued an Every Ohio Edison identification card.

ask to see this card to make sure the person is really an Ohio Edison employee.



Lall before

No matter where you ive, electric, telephone, sewer lines that serve you might be undercable TV, water and ground nearby.

property for our underground facilities, and please give us a call mark their location. Before digging, We'll inspect your

service, please let us know we're here to HOF MORE your electric serve you.

opinions of the company and its services. If you ested in our customers' We're always interhave any comments or

vice-related matters can readings and other ser Inquiries regarding electric bills, turn on turn off service, meter

made to satisfactorily by calling our office. and quickly answer Every effort will be your questions or concerns.

be made in person or questions concerning

pleased to be of service. your business and are We appreciate

distant electric system



BUILDERS RECOMMENDING GEOTHERMAL SPEAK FROM EXPERIENCE...PERSONAL AND PROFESSIONAL

Rootstown builder Bill Billock is sold on Geothermal. Not only do his developments feature Geothermal heating and cooling systems, his own home does, too. "I think Geothermal is the most energy-efficient system on the market today," says Billock.

the market today," says Billock.

reasonable," says

Many new homes, such as this one in Daisy Hill Farms, a James Navratil development, feature energy-efficient Geothermal heating and cooling.

Billock's company, W.E.B. Building and Development, is currently working on Forest Glen Trail, an all-Geothermal community in Portage County. "Geothermal heating and cooling is certainly a selling point for Forest Glen," Billock says. "Our homeowners have been very happy with the heating, even in the coldest months."

Bill and his wife Linda count themselves among the satisfied customers, too. After two-and-a-half years, they're even more convinced of the system's energy efficiency and reliability. "Our energy bill is very reasonable," says Linda. "It averages

> just \$152 a month for 2,800 square feet. And that's the only bill we get!"

Jim Navratil, developer of Daisy Hill Farms in Medina, discovered Geothermal when he attended a seminar by Dr. James Bose, a former professor of engineering at Oklahoma State University, and founder and executive director of the International Ground-Source Heat Pump Association. Navratil was so enthusiastic about

the system that he installed one in his own home in addition to devoting his entire development to Geothermal.

Now living in their second Geothermal home, Jim and Hildy Navratil couldn't

be happier. They particularly like the comfort and cleanliness. "It is a very constant temperature," says Hildy. "And it's a very warm heat. A lot of people ask if it really heats the house in the wintertime. We found that it does."

But most of all, they like the savings. "To heat and cool a 4,500 square foot home for an average of \$130 a month is really unbelievable," says Jim. "The system is everything Jim Bose said it would be."

Mogadore developer Larry Mudd also speaks from experience when talking about Geothermal heating and cooling.

Two years ago his family moved into a 2,800 square-foot home, more than twice the size of their former home. Amazingly, their energy bills only increased slightly. The difference? A Geothermal heating and cooling system instead of a gas furnace and central air-conditioning system that was in his former home.

"We were concerned about the added energy costs to operate a larger home," says Mudd. "With my super-efficient Geothermal system, we didn't need to worry. The cost is surprisingly low." The Mudds also have a water heater as part of their Geothermal system. It provides hot water at a savings of about 50 percent over traditional water heating systems.

Tom Zebrasky, a Youngstown builder and owner of a Geothermal home, has just three words for customers thinking about Geothermal heating and cooling systems: "Just do it." The total energy bill for his home, including

(Continued)

heating, cooling, water heating, lights, cooking, appliances and other electric equipment, is just \$185 a month for nearly 6,000 square feet. "With a house this size, I was mostly concerned with operating cost," says Zebrasky.

"Geothermal not only provided a low monthly cost, it offered a fast payback period, too."

Granger Willows in Granger Township near Medina, has many things to offer potential home buyers. Beautiful wooded lots. Secluded country living. And a top-of-the-line heating and cooling system. Geothermal.

"With an upscale development like Granger Willows, you don't want to make a mistake when selecting the heating and cooling system," says John Nell, President of Nell Homes and developer of Granger Willows. "We had total confidence in the system. Enough to make the entire project exclusively Geothermal."

That includes Nell's own home, a 3,500 square-foot, five-bedroom, four-bath home they moved into about a year ago. "We're not conservative energy users," says Paige Nell. "With three kids, I expected our bills to really add up. But we've paid an average of just \$137 a month since moving in. I think our Geothermal system is wonderful."

"We are true believers in Geothermal," adds John. "We recommend it whole-heartedly to anyone."

Builders and home buyers interested in learning more about Geothermal



Loops of plastic pipe buried underground are the secret to Geothermal's efficient operating cost.

heating and cooling systems should call Ohio Edison at 1-800-505-SAVE. ■

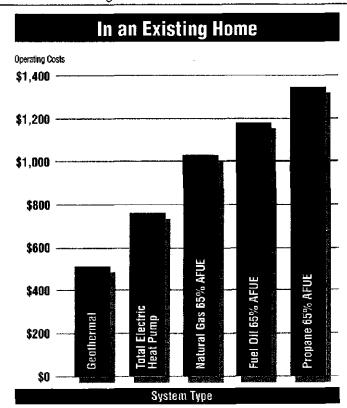
COMPARE GEOTHERMAL

Whether you are considering Geothermal for a brand new home or to replace a system in an existing home, Geothermal will save you money on monthly operating costs. Compared to oil, propane, or even natural gas, Geothermal is the leader in cost savings.

In a New Home Operating Costs \$1,400 \$1,200 \$1,000 \$400 \$400 \$400 \$200 \$400 \$200 \$200 \$200 \$300

Annual Heating and Cooling Costs

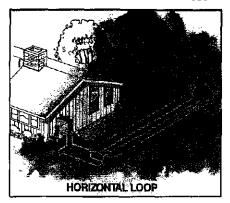
of Geothermal compared with oil, propane and natural gas heating systems with central air conditioning.



Annual Heating and Cooling Costs

of Geothermal compared with oil, propane and natural gas heating systems with central air conditioning.

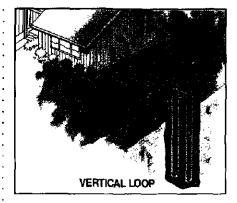
GEOTHERMAL: THE MOST EFFICIENT SYSTEM UNDER THE SUN



Geothermal heating and cooling is the most energy-efficient system available today. By tapping into the natural energy provided by the sun, a Geothermal system can save 30 to 60 percent on annual energy costs. That's 30 to 60 percent less than oil, propane or natural gas. Geothermal systems provide year-round comfort and energy-efficient operation that's clean, quiet and requires no outdoor condenser unit.

Designed to Suit Any Home Site

The majority of today's geothermal installations are closed-loop systems which circulate an antifreeze solution through plastic pipe buried in the ground. The pipe is connected to the indoor unit to form a sealed loop. The system recirculates the solution in pressurized pipe, thus transferring heat. Underground pipes can be arranged horizontally or vertically depending on the availability of land; however, horizontal loop installations are the most common. With this method, the



pipes are installed in trenches approximately five feet deep. The length of the pipe depends on a number of factors, but, as a general rule, 500-600 feet of pipe are needed per ton of system capacity.

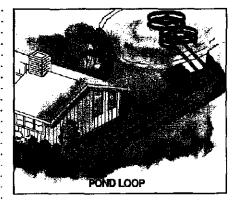
On sites where land is limited, a vertical loop system may be used. Vertical loops are installed in holes bored to about 125 to 150 feet per ton of system capacity. Loops are then added by inserting U-shaped sections of pipe.

Once installed, loops provide very reliable operation. Most manufacturers even warranty the loops for up to 50-years.

Another type of system — the pond loop — can be installed where a pond or lake with a minimum depth of eight feet is available.

The System of Choice for Homeowners

In addition to cost savings, homeowners appreciate the environmental qualities



of Geothermal heating and cooling.

Since they are factory charged and sealed like refrigerators or room air conditioners, no Freon is added on site. And they are more aesthetically appealing because there is no outdoor condenser unit.

Geothermal systems provide the comfort, quality and savings that homeowners have come to expect. Every year, more and more customers in the Ohio Edison service area are discovering the benefits of Geothermal.

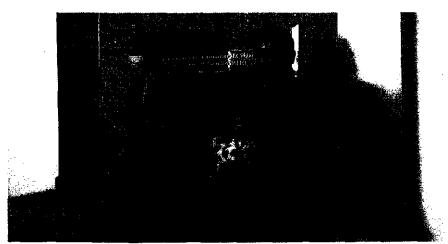
Homeowner satisfaction is just one of the reasons builders are looking to Geothermal systems. For the leading-edge builder, Geothermal heating and cooling is the ultimate in economically smart, high-efficiency heating and cooling. Offering this state-of-the-art energy option distinguishes builders in today's competitive market.

CUSTOMERS SPEAK OUT ABOUT GEOTHERMAL

Have Geothermal, Will Travel

Bobby and Shirley Langdon know they are saving money with their Geothermal heating and cooling system. In fact, when they compare the cost of heating and cooling their home with the bills they paid for their old gas furnace and air conditioning, they realized that the savings were substantial.

"Our gas bills came to over \$200 a month...and we were living in a much



Bobby and Shirley Langdon use their savings from Geothermal to fund their summer vacation.

smaller house. The savings that we've accumulated from month to month are enough to pay for our summer vacation," says Shirley.

"I find that the Geothermal system is inexpensive compared to running two

systems electric for cooling and gas for heating," says Bobby.

The Langdons first heard about Geothermal at a local home show in Sandusky.

They were

interested



this year."

Paul and Betty Gipp found Geothermal to be the ideal system for their new home.

in building a new home and thought Geothermal would offer the best comfort and cost savings. "The concept of Geothermal made a lot of sense to me—the idea of using the underground temperature of about 55 degrees and only needing to heat or cool from there," says Bobby.

Now that they've been living in their new home for a while, they're even more convinced that Geothermal is the way to go. "I was really impressed when I first heard about Geothermal," says Bobby.

"After six years of using the system in our home, I'm more impressed than ever."

Custom-Designed Comfort

When Paul and Betty Gipp passed along the family farm to their daughter and her family, they designed their new home from scratch. Betty considered every detail, including how the furniture would be arranged, before they began to build.

In choosing a heating and cooling system for their home, they were just

As a former science teacher, Betty was intrigued by Geothermal from the beginning. "It's environmentally friendly," says Betty. "And this just seemed like a very good way to help conserve our patters! resources."

as diligent. "Betty and I used the

pencil pretty hard [estimating the

operating cost savings]," says Paul.

"This will be the fourth winter and I

figure that it will have paid for itself

conserve our natural resources."

they were concerned well. "We thought the

John and Demetria Davis like the comfort of their Geothermal heating and cooling systems.

The Gipp's Geothermal system has exceeded their expectations in many ways. "Geothermal has surprised us...
It is a lot less expensive to operate than

we expected," says Paul. "The bills are much less than we anticipated."

"I'd go Geothermal if I had to build a hundred more," says Paul.

Making a Castle a Home

At first glance, John and Demetria Davis's Doylestown home looks like a castle. A beautiful brick-and-stucco design on the outside, it is as comfortable as any home inside, thanks in part to their Geothermal heating and cooling systems.

"We are extremely comfortable in our home," says John. "Even when it's very hot or very cold outside, it's a constant temperature inside."

Though the house is relatively large, the Davises say that there are no drafts, no hot and cold spots. "We had a gas furnace before and there were extreme temperature fluctuations," says John. "We'd have hot air blowing when the furnace kicked on, then a cold draft. With Geothermal we have a nice, constant temperature year round."

Moving from a much smaller home, they were concerned about cost, as well. "We thought the bills would be

quite a bit more [than their old house]," says Demetria. "But they're not."

All around, the Davises have found their Geothermal system to be the perfect choice for their home. "It's just a

sensible way of using Mother Nature and creating a heat and air-conditioning source," says John.



FAST FACTS



GEOTHERMAL

Did you know that every time you step into your backyard, your complete heating and cooling comfort is stored right beneath your feet?

Just five feet below the earth's surface the temperature registers

55 degrees year-round.

Discover how the earth's temperature can maximize your comfort throughout the year for

less than any other energy source.

Geothermal takes this stored earth energy and uses it to provide the most cost-efficient heating and cooling system available today.



Down To Earth Benefits

• Save up to 60% on heating and cooling. Geothermal offers homeowners the lowest total operating cost over other heating and cooling systems. Your exact savings will depend on your lifestyle and thermostat setting, but savings of 30-60% are typical. By using goothermal you qualify the electric rate for the savings of th

• Cleanliness. Clean, safe electricity powers geothermal.

No gas, oil or propane is burned to produce heat. As a result, no

by-products of the combustion process are introduced into your home.

- Long life. All equipment is underground or inside your home. By avoiding harsh weather extremes, geothermal provides improved performance and a longer life.
- Quiet surroundings. You can relax and entertain outdoors without hearing the compressor run.

- Healthy and safe home. Geothermal burns no gas, oil or propane in the home, so there are no hazardous combustion by-products such as carbon monoxide filtering into your air. You can feel confident about the quality of the air your family breathes.
- Even temperature consistent comfort. Geothermal provides evenly distributed heating and cooling. Even temperatures throughout your home provide consistent comfort for you and your family year-round.

Building on the Basics

Geothermal technology has been enriching family comfort for over 40 years. That's because it's driven by common sense. Geothermal takes a step ahead by compressing and intensifying the natural warmth of the earth and transferring it into your home. Geothermal uses a network of underground, liquid-filled pipes to absorb the earth's heat which is then pumped to a compressor in your home where the heat is intensified.

Geothermal is also the most energy-efficient way to give your home central air conditioning. Geothermal has an efficiency rating greater than 50% of federal government standards. While most central air systems are now required to have a Seasonal Energy Efficiency Ratio (SEER) of 10, geothermal typically has a SEER of 15.

Geothermal is also the most efficient way to heat water, since the heat can be easily circulated into your hot water heater during transfer between outdoors and indoors. In fact, during the summer months geothermal water heating can save you up to 50% on your water heating costs.

System Designs

Geothermal offers a variety of application designs. Flexibility makes the clean, efficient comfort of geothermal systems compatible with a diversity of yard types. These closed-loop systems make geothermal a reality for many homeowners.

- I. Horizontal Loop Horizontal applications can be installed in areas as small as 30 feet by 80 feet.
 Trenches, approximately five feet deep, house the heat absorbing pipes. The amount of pipe needed will depend upon the heat required to meet your desired temperature.
- 2. Vertical Loop These applications feature pipes that are installed into holes in the soil. Installing the pipes vertically and joining them with a U-bend pipe on each end enables this design to be utilized in as small as a 10-foot area. The compactness of these applications makes them compatible for most residential lot sizes.
- 3. Pond Loop With a pond or lake on your property, plastic pipes can be set in the water to absorb and disperse the heat naturally found there. Generally, a minimum of six feet water depth is required for this application.

Geothermal loop installations are not exposed to weather extremes. Manufacturers guarantee geothermal loops up to 55 years. Properly installed, maintenance is minimal, requiring periodic cleaning and air filter changes.

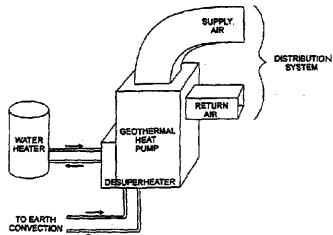
Make the smart choice – enjoy the clean, safe comfort of geothermal in your home. Call The Illuminating Company at 861-9000 or 1-800-589-3101 outside the Cleveland calling area for current geothermal programs.



Residential Applications How Geothermal Heating and Cooling Works

Geothermal Heating and Cooling Systems provide space conditioning — heating, cooling, and humidity control. They may also provide water heating — either to supplement or replace conventional water heaters.

Geothermal Heating and Cooling Systems work by moving heat, rather than by converting chemical energy to heat like in a furnace. Every Geothermal Heating and Cooling Systems has three major subsystems or parts: a geothermal heat pump to move heat between the building and the fluid in the earth connection, a distribution subsystem for delivering heating or cooling to



The Ground Source Heat Pump

the building, and an earth connection for transferring heat between its fluid and the earth. Each system may also have a desuperheater to supplement the building's water heater, or a full-demand water heater to meet all of the building's hot water needs.

Geothermal Heat Pump

The geothermal heat pump is packaged in a single cabinet, and includes the compressor, loop-to-refrigerant heat exchanger, and controls. Systems that distribute heat using ducted air also contain the air handler, duct fan, filter, refrigerant-to-air heat exchanger, and condensate removal system for air conditioning. For home installations, the geothermal heat pump cabinet is usually located in a basement, attic, or closet. In commercial installations, it may be hung above a suspended ceiling or installed as a self-contained console.

Distribution Subsystem

Most residential geothermal systems use conventional ductwork to distribute hot or cold air and to provide humidity control. (A few systems use water-to-water heat pumps with one or more fan-coil units, baseboard radiators, or under-floor circulating pipes.) Properly sized, constructed, and sealed ducts are essential to maintain system efficiency. Ducts must be well insulated and, whenever possible, located inside of the building's thermal envelope (conditioned space).

Earth Connection

Geothermal systems use the earth as a heat source and heat sink. A series of pipes, commonly called a "loop," carry a fluid used to connect the geothermal system's heat pump to the earth. Generally, there are three kinds of earth connections: closed loops, open loops, and standing column wells.

7.

Earth Connection: Closed Loops

Closed loop systems are becoming the most common. When properly installed, they are economical, efficient, and reliable. Water (or a water and antifreeze solution) is circulated through a continuous buried pipe. The length of the loop piping depends on ground temperature, thermal conductivity of the ground, soil moisture, and system design.

The most commonly used type of pipe in GHP installations is high quality, high density polyethylene. All below-grade connections must be made by heat fusing, which yields connections stronger than the pipe itself. All installations must be purged to remove construction debris, flushed to remove air, and pressure tested before backfilling or grouting.

Proper installation is a key to success. It is critical that the installation prescriptions of the International Ground Source Heat Pump Association (IGSHPA) are followed. Installers should be IGSHPA certified or show equivalent training by manufacturers or other recognized authorities.

Modern geothermal heat pumps work efficiently even with large seasonal swings in the ground loop water temperature. Letting the ground around the loop freeze releases substantial amounts of heat and generally improves the performance of the ground loop. Thus, a mixture of water and antifreeze may sometimes be used to improve performance while protecting the equipment and loop from freezing.

Horizontal closed loop installations are generally most cost-effective for small installations, particularly for new construction where sufficient land area is available. These installations involve burying pipe in trenches dug with back-hoes or chain trenchers. Up to six pipes, usually in parallel connections, are

buried in each trench, with minimum separations of a foot between pipes and ten to fifteen feet between trenches. Often "SlinkyTM" coils — overlapping coils of polyethylene pipe — are used to increase the heat exchange per foot of trench, but require more pipe per ton of capacity. Two-pipe systems may require 200 to 300 feet of trench per ton of nominal heat exchange capacity. The trench length decreases as the number of pipes in the trench increases — or as SlinkyTM coil overlap increases.

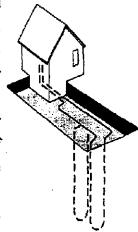
The Horizontal Closed Loop

A ground loop is only as good as its connection to the ground. Therefore, horizontal installations require careful trench backfilling. The backfill must be free of sharp rocks that could harm the pipe, and the pipe needs maximum contact with the ground. Some installers use large amounts of water to break up soil clumps to assure optimal contact. This procedure reuses the removed soil of the trench. Flowable fill brought to the site in concrete mixers is preferred by some installers. The fill contains sand, fly ash, and a small amount of cement, which offers proper contact and high thermal conductivity that assures a good connection between the loop and the ground.

Vertical closed loops are preferred in many situations. Vertical loops are used where there is not enough land for a horizontal loop or where the soil is too shallow for trenching. Vertical loops also minimize the disturbance to existing landscaping.

For vertical closed loop systems, a U-tube (more rarely, two U-tubes) is installed in a well drilled 100 to 400 feet deep. Because conditions in the ground may vary greatly, loop lengths can range from 130 to 300 feet per ton of heat exchange. Multiple drill holes are required for most installations, where the pipes are generally joined in parallel or series-parallel configurations.

Installation costs depend on geological conditions and local drilling industry experience. In some areas, competition among drillers has led to widespread use of modified water well drilling equipment with bores in the 4" diameter range, and prices are modest. Elsewhere, the combination of minimal competition, difficult drilling conditions, and peculiarities of local environmental regulations (such as requirements for boreholes more than 6" in diameter) has kept costs much higher.

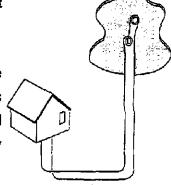


The Vertical Closed Loop

One item of concern is that the vertical borehole may allow downwash of contaminated surface waters into potable water aquifers, or cross contamination among aquifers. Careful backfilling, as prescribed by IGSHPA and local regulations, is important for geothermal installations. Usually, high solids bentonite grout, installed continuously from the bottom of the

boreholes, is required and acceptable, but some jurisdictions prefer cement grout under special conditions.

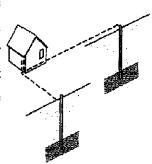
Pond closed loops are a special kind of closed loop system. Where there is a pond or stream that is deep enough and with enough flow, closed loop coils can be placed on the pond bottom. Fluid is pumped just as for a conventional closed loop ground system where conditions are suitable, the economics are very attractive, and no aquatic system impacts have been shown.



The Closed Pond Loop

Earth Connection: Open Loops

Open loop systems are the simplest. Used successfully for decades, ground water is drawn from an aquifer through one well, passes through the heat pump's heat exchanger, and is discharged to the same aquifer through a second well at a distance from the first. Generally, two to three gallons per minute per ton of capacity are necessary for effective heat exchange. Since the temperature of ground water is nearly constant throughout the year, open loops are a popular option in areas where they are permitted. Open loop systems do have some associated challenges: (1) Some local ground water chemical conditions can lead to fouling the heat pump's heat exchanger. Such situations may require precautions to keep carbon dioxide and other gases in



The Open Loop

solution in the water. Other options include the use of cupronickel heat exchangers and heat exchangers that can be cleaned without introducing chemicals into the groundwater. (2) Increasing environmental concerns mean that local officials must be consulted to assure compliance with regulations concerning water use and acceptable water discharge methods. For example, discharge to a sanitary sewer system is rarely acceptable.

Earth Connection: Standing Wells

Standing wells, also called turbulent wells or Energy WellsTM, are an established technology in the Northeast and some other areas. Standing wells, which may be as deep as 1500 feet, withdraw water from the bottom of the well, circulate it through the heat pump's heat exchanger, and return it to the top of the water column in the same well. Usually, the well also serves to provide potable water. Careful design assures good heat exchange, which means relatively short loops: some designers claim much less than 100' of well per ton of nominal capacity. Under normal circumstances, the water diverted for building (potable) use is replaced by constant-temperature ground water, which makes the system act like a true open loop system. If the well water temperature goes outside a specified temperature range, water can be "bled" from the system, to allow ground water to restore temperatures to the normal operating range.

Water Heating

Many residential-sized systems installed today are equipped with desuperheaters to provide domestic hot water when the system is providing heat or air conditioning. The desuperheater is a small auxiliary heat exchanger at the compressor outlet. It transfers excess heat from the compressed gas to a water line that circulates water to the house's hot water tank. In summer, when the air conditioning runs frequently, a desuperheater may provide all the hot water needed by a household. It can provide four to eight gallons of hot water per ton of cooling capacity each hour it operates. A desuperheater provides less hot water during the winter, and none during the spring and fall when the system is not operating.

Because the heat pump is so much more efficient than other means of water heating, manufacturers are beginning to offer "triple function," "full condensing," or "full demand" systems that use a separate heat exchanger to meet all of a household hot water needs. These units cost-effectively provide hot water as quickly as any competing system.

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Revised 11/95

The

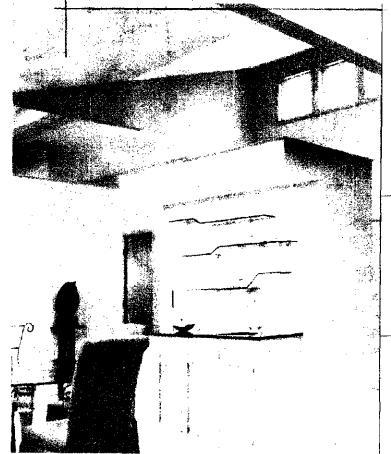
Neighborhood

Builders



BOB SCHMITT HOMES

affordable, custom-designed homes







other builder offers as much for as little



About Bab Schmitt

Homes

Bob Schmitt Homes is one of Northern Ohio's leading and most innovative builders. For more than half a century, we've built some of the finest homes



in the area, combining traditional craftsmanship with today's advanced technologies. From single-family homes to our cluster

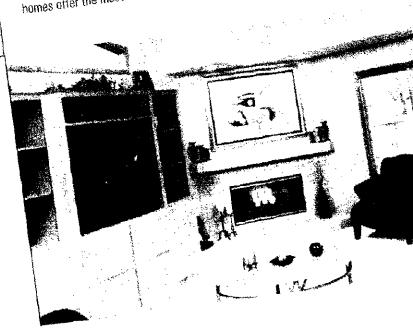
units, every home is built with unique features and special amenities that suit individual tastes and lifestyles. Every home is guaranteed

for its high-quality materials and superior construction. And, every home is built to be affordable. Such benefits have long been associated with Bob Schmitt Homes.



It has been our experience that single-story homes offer the most design freedom,





we maintain total confrol to assete the highest quality

unique truss technology, our documented energy efficiency, and a telecommunications infrastructure that ties together video, cable television and Internet access in one integrated network.





Ridgefield also includes a state-of-the art, 9300-sq.-ft. recreation center consisting of a large clubhouse with a service kitchen for social functions;

a health club with a fully equipped exercise room; and a heated, Olympic-sized



swimming pool. In addition, the community has more than 100 acres of landscaped park area. This common area is owned and managed by our residents through the homeowners' association.

Ridgefield is located in North Ridgeville, Ohio, less than 30 minutes southwest of Downtown Cleveland. It is close to major

highways...shopping...and restaurants...and just 15 minutes from Cleveland Hopkins International Airport.

Bob Schmitt's newest community offers everything you're looking for in a home because our architects incorporate your input from the very beginning. You're invited to sit down with one of our staf architects for a free consultation on the design of the new home you've always dreamt about.

To tour Ridgefield, contact Bob Schmitt Homes for an appointment We hope you'll choose to become part of Northeast Ohio's most exciting new community.









me, there is more than enough room for storage. And the cost ficiency of single-story construction allows for more quality touches discoveriences.

ith Bob Schmitt's truss technology, the outside walls—not the terior walls—support the house. That gives you tremendous freedom the design and layout of your home. Whether your home is 2,000 or

300 square feet, you can have the interior in tually any design pattern you choose.

ore Value For Your Money

at's exactly what you get. What some





builders offer as options, come as standard here. We stay abreast of the latest trends and anticipate where lifesters and technologies are heading. We know

hat works and what doesn't, and what home buyers value most.



All of these advantages mean that Bob Schmitt homes have high resale values. They are very popular with repeat buyers too, as some of our residents have

owned three, four, even five Bob Schmitt homes. They know that you get more freedom and more value with Bob Schmitt.

On-Site Staff and Crews

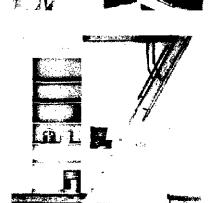
Everyone on staff at Bob Schmitt is personally committed to building the highest-quality homes, because 35 percent of the company is owned by our employees. Our three registered architects and our talented interior designers work closely with our construction crews in building your Bob Schmitt home. This team approach enables us to better control the costs, scheduling and completion of every phase of home-building.

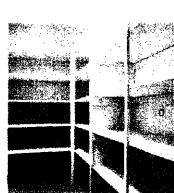


Welcome To Ridgefield

Ridgefield is the newest, largest and most progressive community ever developed by Bob Schmitt Homes. This 500-acre community is comprised of homes that are designed with many exciting, new features...some of which have never been offered before. These include our







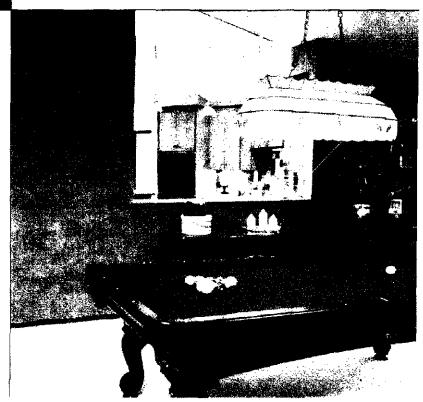
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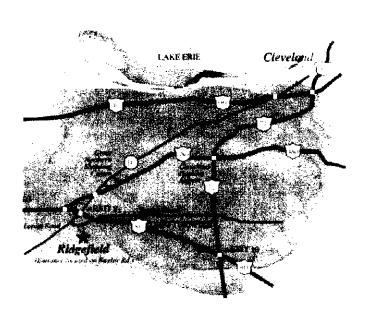




en we heard about some of the features...the ibility...the choices that you could make, sold us."

Mrs. Swafford, First Bob Schmitt Home

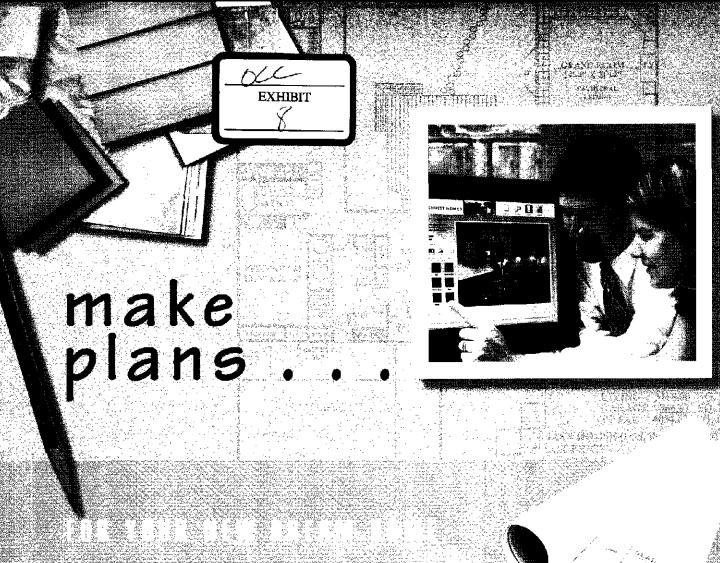




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Interactive Klosks Let You Make And Change Plans

- Design and change floor plans with touch-screen simplicity.
- Custom and semi-custom plans with multiple variations.
- Track the pricing as you modify your plans.

New Custom-Designed Cluster Homes Also Available

- Complete design flexibility in a cluster setting: 1,800 5,000 sq. ft.
- All of the benefits of owning a home without the maintenance.
- Custom-designed, open floor plans to suit your lifestyle.

No Other Builder Offers So Much Value For The Money

- Traditional craftsmanship plus today's advanced technologies.
- All electric homes with low monthly utility bills.
- Great resale values—the strength of the Bob Schmitt name.







THERE'S NO PLACE LIKE A BOB SCHMITT HOME.

Professional Design input And Assistance

- All floor plans are designed by a registered architect.
- A.S.I.D. designer assists you with your interior selections.



Special Features Included As Standard

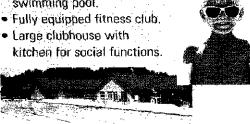
- Wood-burning fireplace in every home.
- Plush carpeting in the hving area and hallways.
- Custom-designed and built cabinetry.
- Professional land. scaping in the front and back yards.



- · All homes are "smart" homes wired for the future.
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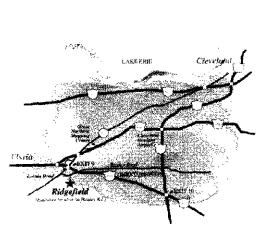
9,300-Sq. Ft. Recreation Center

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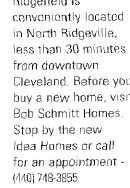
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THE GEOTHERMAL

A Publication of Ohio Edison Company

cooling is certainly a selling point for

BUILDERS RECOMMENDING GEOTHERMAL SPEAK FROM EXPERIENCE...PERSONAL AND PROFESSIONAL

Rootstown builder Bill Billock is sold on Geothermal. Not only do his developments feature Geothermal heating and cooling systems, his own home does, too. "I think Geothermal is the most energy-efficient system on the market today," says Billock.

Forest Glen," Billock says. "Our homeowners have been very happy with the heating, even in the coldest months." Bill and his wife Linda count themselves among the satisfied customers,

too. After two-and-a-half years, they're even more convinced of the system's energy efficiency and reliability. "Our energy bill is very reasonable," says Linda. "It averages

> just \$152 a month for 2,800 square feet. And that's the only bill we get!"

Jim Navratil, developer of Daisy Hill Farms in Medina. discovered Geothermal when Source Heat Pump Association.

he attended a seminar by Dr. James Bose, a former professor of engineering at Oklahoma State University, and founder and executive director of the International Ground-Navratil was so enthusiastic about the system that he installed one in his

own home in addition to devoting his entire development to Geothermal.

be happier. They particularly like the comfort and cleanliness. "It is a very constant temperature," says Hildy. "And it's a very warm heat. A lot of people ask if it really heats the house in the wintertime. We found that it does."

But most of all, they like the savings. "To heat and cool a 4,500 square foot home for an average of \$130 a month is really unbelievable," says Jim. "The system is everything Jim Bose said it would be."

Mogadore developer Larry Mudd also speaks from experience when talking about Geothermal heating and cooling.

Two years ago his family moved into a 2,800 square-foot home, more than twice the size of their former home. Amazingly, their energy bills only increased slightly. The difference? A Geothermal heating and cooling system instead of a gas furnace and central air-conditioning system that was in his former home.

"We were concerned about the added energy costs to operate a larger home," says Mudd. "With my super-efficient Geothermal system, we didn't need to worry. The cost is surprisingly low." The Mudds also have a water heater as part of their Geothermal system. It provides hot water at a savings of about 50 percent over traditional water heating systems.

Tom Zebrasky, a Youngstown builder and owner of a Geothermal home, has just three words for customers thinking about Geothermal heating and cooling systems: "Just do it." The total energy bill for his home, including

Many new homes, such as this one in Daisy Hill Farms, a James Navratil development, feature energy-efficient Geothermal heating and cooling.

Billock's company, W.E.B. Building and Development, is currently working on Forest Glen Trail, an all-Geothermal community in Portage County. "Geothermal heating and

Now living in their second Geothermal home, Jim and Hildy Navratil couldn't

(Continued)

heating, cooling, water heating, lights, cooking, appliances and other electric equipment, is just \$185 a month for nearly 6,000 square feet. "With a house this size, I was mostly concerned with operating cost," says Zebrasky.

"Geothermal not only provided a low monthly cost, it offered a fast payback period, too."

Granger Willows in Granger Township near Medina, has many things to offer potential home buyers. Beautiful wooded lots. Secluded country living. And a top-of-the-line heating and cooling system. Geothermal.

"With an upscale development like Granger Willows, you don't want to make a mistake when selecting the heating and cooling system," says John Nell, President of Nell Homes and developer of Granger Willows. "We had total confidence in the system. Enough to make the entire project exclusively Geothermal."

That includes Nell's own home, a 3,500 square-foot, five-bedroom, four-bath home they moved into about a year ago. "We're not conservative energy users," says Paige Nell. "With three kids, I expected our bills to really add up. But we've paid an average of just \$137 a month since moving in. I think our Geothermal system is wonderful."

"We are true believers in Geothermal," adds John. "We recommend it whole-heartedly to anyone."

Builders and home buyers interested in learning more about Geothermal



Loops of plastic pipe buried underground are the secret to Geothermal's efficient operating cost.

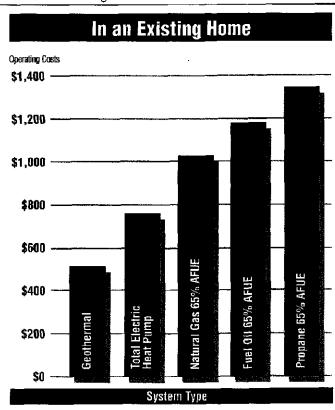
heating and cooling systems should call Ohio Edison at 1-800-505-SAVE. ■

COMPARE GEOTHERMAL

Whether you are considering Geothermal for a brand new home or to replace a system in an existing home, Geothermal will save you money on monthly operating costs. Compared to oil, propane, or even natural gas, Geothermal is the leader in cost savings.

Annual Heating and Cooling Costs

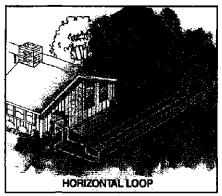
of Geothermal compared with oil, propane and natural gas heating systems with central air conditioning.



Annual Heating and Cooling Costs

of Geothermal compared with oil, propane and natural gas heating systems with central air conditioning.

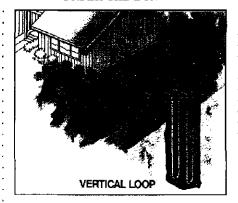
GEOTHERMAL: THE MOST EFFICIENT SYSTEM UNDER THE SUN



Geothermal heating and cooling is the most energy-efficient system available today. By tapping into the natural energy provided by the sun, a Geothermal system can save 30 to 60 percent on annual energy costs. That's 30 to 60 percent less than oil, propane or natural gas. Geothermal systems provide year-round comfort and energy-efficient operation that's clean, quiet and requires no outdoor condenser unit.

Designed to Suit Any Home Site

The majority of today's geothermal installations are closed-loop systems which circulate an antifreeze solution through plastic pipe buried in the ground. The pipe is connected to the indoor unit to form a sealed loop. The system recirculates the solution in pressurized pipe, thus transferring heat. Underground pipes can be arranged horizontally or vertically depending on the availability of land; however, horizontal loop installations are the most common. With this method, the



pipes are installed in trenches approximately five feet deep. The length of the pipe depends on a number of factors, but, as a general rule, 500-600 feet of pipe are needed per ton of system capacity.

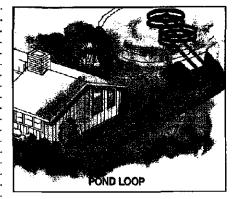
On sites where land is limited, a vertical loop system may be used. Vertical loops are installed in holes bored to about 125 to 150 feet per ton of system capacity. Loops are then added by inserting U-shaped sections of pipe.

Once installed, loops provide very reliable operation. Most manufacturers even warranty the loops for up to 50-years.

Another type of system — the pond loop — can be installed where a pond or lake with a minimum depth of eight feet is available.

The System of Choice for Homeowners

In addition to cost savings, homeowners appreciate the environmental qualities



of Geothermal heating and cooling.

Since they are factory charged and sealed like refrigerators or room air conditioners, no Freon is added on site. And they are more aesthetically appealing because there is no outdoor condenser unit.

Geothermal systems provide the comfort, quality and savings that homeowners have come to expect. Every year, more and more customers in the Ohio Edison service area are discovering the benefits of Geothermal.

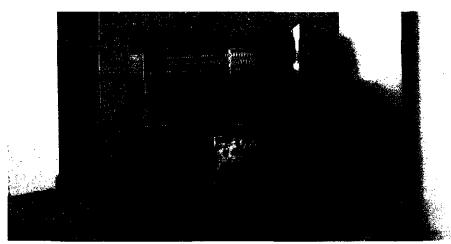
Homeowner satisfaction is just one of the reasons builders are looking to Geothermal systems. For the leading-edge builder, Geothermal heating and cooling is the ultimate in economically smart, high-efficiency heating and cooling. Offering this state-of-the-art energy option distinguishes builders in today's competitive market.

CUSTOMERS SPEAK OUT ABOUT GEOTHERMAL

Have Geothermal, Will Travel

Bobby and Shirley Langdon know they are saving money with their Geothermal heating and cooling system. In fact, when they compare the cost of heating and cooling their home with the bills they paid for their old gas furnace and air conditioning, they realized that the savings were substantial.

"Our gas bills came to over \$200 a month...and we were living in a much



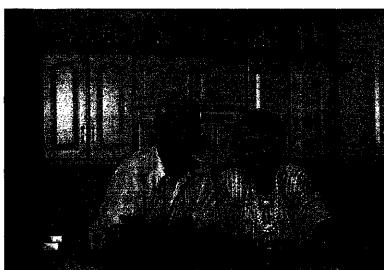
Bobby and Shirley Langdon use their savings from Geothermal to fund their summer vacation.

smaller house. The savings that we've accumulated from month to month are enough to pay for our summer vacation," says Shirley.

"I find that the Geothermal system is inexpensive compared to running two

systems electric for cooling and gas for heating," says Bobby.

The Langdons first heard about Geothermal at a local home show in Sandusky, They were interested



this year."

Paul and Betty Gipp found Geothermal to be the ideal system for their new home.

in building a new home and thought Geothermal would offer the best comfort and cost savings. "The concept of Geothermal made a lot of sense to me — the idea of using the underground temperature of about 55 degrees and only needing to heat or cool from there," says Bobby.

Now that they've been living in their new home for a while, they're even more convinced that Geothermal is the way to go. "I was really impressed when I first heard about Geothermal," says Bobby. "After six years of using the system

in our home, I'm more impressed than ever."

Custom-Designed Comfort

When Paul and Betty Gipp passed along the family farm to their daughter and her family, they designed their new home from scratch. Betty considered every detail, including how the furniture would be arranged, before they began to build.

In choosing a heating and cooling system for their home, they were just

As a former science teacher, Betty was intrigued by Geothermal from the beginning. "It's environmentally friendly," says Betty. "And this just seemed like a very good way to help conserve our natural resources."

as diligent, "Betty and I used the

pencil pretty hard [estimating the

operating cost savings]," says Paul.

"This will be the fourth winter and I

figure that it will have paid for itself

we expected," says Paul. "The bills are much less than we anticipated."

"I'd go Geothermal if I had to build a hundred more," says Paul.

Making a Castle a Home

At first glance, John and Demetria Davis's Doylestown home looks like a castle. A beautiful brick-and-stucco design on the outside, it is as comfortable as any home inside, thanks in part to their Geothermal heating and cooling systems.

"We are extremely comfortable in our home," says John. "Even when it's very hot or very cold outside, it's a constant temperature inside."

Though the house is relatively large, the Davises say that there are no drafts, no hot and cold spots. "We had a gas furnace before and there were extreme temperature fluctuations," says John. "We'd have hot air blowing when the furnace kicked on, then a cold draft. With Geothermal we have a nice, constant temperature year round."

Moving from a much smaller home, they were concerned about cost, as well. "We thought the bills would be

> quite a bit more [than their old house]," says Demetria. "But they're not." All around. the Davises

have found their Geothermal system to be the perfect choice for their home. "It's just a

John and Demetria Davis like the comfort of their Geothermal heating and cooling systems.

The Gipp's Geothermal system has exceeded their expectations in many ways. "Geothermal has surprised us... It is a lot less expensive to operate than sensible way of using Mother Nature and creating a heat and air-conditioning source," says John. ■



the quality standards of Bob Sch<u>mit Hom</u>e

- · Professional landscaping in both the front and back yards...for an attractivelooking home and a consistent look throughout the community.
- Extended covered area at entry...to keep guests dry in inclement weather.
- · 2' overhang...to protect the siding and prevent leaks in the fascia.
- 18' x 12' concrete patio.
- Continuous soffit/ridge vents...to keep the attic well-ventilated in hot summer months.
- Horizon shingles with a 25-year guarantee...for a long-lasting, top-quality roof.
- Two weatherproof exterior outlets...for easy access to power at the front and rear of your home.
- Two exterior cold water faucets...for water supply to both the front and back yards.

- Garage and brives of

- Minimum 22' x 22' garage...gives you enough space for two cars and ample storage.
- 18' wide concrete driveway...provides plenty of space for two cars, with enough room to exit both cars onto concrete instead of grass.
- Top-of-the-line insulated steel garage door...for lower energy bills.
- Automatic garage door with two remotes.
- Pegboard paneling in garage...for aesthetics, convenience and tool storage.
- insulated garage walls and ceiling...for greater energy efficiency and comfort.
- · Disappearing stairs for attic access above the garage, along with floored attic space...for extra storage that is out-of-view.
- Floor drain...to drain off winter's ice and snow.
- · Hot and cold water to the garage...for year-round use, so you can wash your car during inclement weather.

- Wood-burning fireplace.
- Textured brush-and-stomp painted ceiling...for maximum durability and longevity.
- Plush carpeting in the living area and hallways.
- · Generous allowance for hard-surface floors in kitchen, baths and utility room...to give you the look and style you want.
- · Interior flush doors, base moldings and casings all stained the same as the cabinets...for a consistent woodwork appearance throughout your home.
- Lever-style locksets on interior doors...for security that also allows easy operation.
- Custom-designed, built and stained cabinetry with 42" upper cabinets... provides ample storage, convenience and a consistent look throughout
- Built-in closet drawer unit and double rods in all closets...for even more storage.
- Silent interior light switches...easy-touch operation.

 Extra-large kitchens complete with custom-made cabinetry and high-quality wallcoverings...for maximum convenience combined with individual tastes.

 From Master bedrooms to children's begrooms, your input determines the size locations and amenities.

Custom cabinetry and large closets...for storage and convenience.

- Fibergiass tub/shower enclosure...easy to clean and maintain.
- · Scald-guard with volume-controlled valves in all tubs and showers...prevent burns caused by toilet flushes.
- Many different options also available, from luxurious space with sunken tubs and fireplaces to smaller half-baths throughout the home...to meet your lifestyle requirements.

alidinyaraa

- 40" cabinets above the laundry tub and washer/dryer space...for extra storage and convenience.
- Fiberglass laundry tub-in-a-cabinet...for still more space-saving storage and convenience.
- Lever shut-off valve for washing machine hoses...depressurizes hoses while you are away.
- Floor drain in mechanical closet...drains water in the unlikely event of a hot water tank leak.

- Exterior walls use R-19 composite value insulation.
- 1" of Styrofoam on the exterior walls.
- Blown insulation in the ceiling is R30; R30 batt insulation on cathedral ceilings.
- 3" of Styrofoam at the perimeter of the slab.
- Injected foam at all openings, around windows and doors; behind all electrical outlets on exterior walls.
- High-quality casement windows with a positive-locking device to insure a ve tight seal and reduced infiltration.

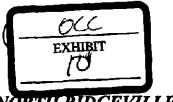
- Because we track and analyze energy use in our communities, we have proof that our all-electric homes offer the most efficient use of energy. Average energi use for a Bob Schmitt home is about \$130 per month. Let us prove it to you.
- American Standard Heat Pump...for maximum heating and cooling benefits throughout the year.
- Manifold distribution system for water, eliminates pressure drop across the water system to prevent scalding and discomfort. Also labeled for ease-of-use to isolate individual fixtures for easy repair.

· All Ridgefield homes are "smart" homes that are wired for the future. We tie togeth phone, Internet, video, entertainment and security systems into one package.

· At Bob Schmitt, we look for every opportunity to reduce the time you spend

Listed below are various items that are "STANDARD" with every Bob Schmitt Home. Please feel free to compare these items to any other builder of your choice.

BOB	SCHMITT HOMES, INC.	Builder "A"	Builder "B"
YES	Custom Designed Floor Plan		
YES	Professional Interior Designer		
YES	Structured Wiring For Cable & Telephone		
YES	Professional Landscaping (Front & Back)		
YES	Garage Door Opener w/2 Remotes		
YES	Wallpaper in Kitchen & Baths		
YES	Disappearing Stairs in Garage		
YES	Hot & Cold Water to Garage		
YES	Built-In Closet Drawer Units		
YES	40" Cabinets Above Washer/Dryer		
YES	16' Insulated Steel Garage Door		
YES	Insulated & Painted Garage Walls / Ceilings		
YES	Floor Drain in Garage		
YES	18' Wide Concrete Driveway		
YES	12' X 18' Concrete Patio		



EXHIBIT

MOVE-IN CHECKLIST - NORTH RIDGEVILLE

This list has been prepared to assist you as a new owner of a Bob Schmitt home. Use this sheet as your check list of move-in responsibilities.

YOU MUST CONTACT ALL APPLICABLE UTILITIES AT THE PHONE NUMBERS LISTED BELOW, ONE to TWO WEEKS BEFORE YOU INTEND TO MOVE IN. They will need your name, new address and the date you will move into your new residence.

We will also notify the utility companies to read the meters and send us final bills as of your occupancy date.

City of N. Ridgeville - Water, Sewer & Trash

353-0841

One (1) week to ten (10) days before occupancy, you must go to the City Hall, 7307 Avon Belden Road, to fill out forms and to leave a \$30.00 deposit. City Hall office hours are Monday through Friday from 8 a.m. to 4:30 p.m.

Trash pick-up varies according to location. Ridgefield area gets picked up on Tuesdays. City Hall can provide you with collection information (day, name of company providing service and cost, etc.) when you fill out the required forms. It is requested that refuse be placed at the curb by 6 a.m.

First Energy (Electric)

land survey 1-800-633-4766

To establish service, contact First Energy at the number listed above. Inform them that you have an all electric home and the size of your hot water tank. This qualifies you for the "optional heating rate".

Verizon Telephone Company (New Service-Ridgefield) 1-800-483-4600

You must make all arrangements for telephone service at least two (2) weeks before occupancy. Be sure to inform them that this is new construction in the North Eaton exchange of North Ridgeville, Ohio. Also, ask for the "Cleveland Metro Extended Local Calling Plan" for discounted rates to the Cleveland area. They also need to know what long distance carrier you want to use.

There will be an installation charge plus a charge for Verizon to establish the phone line at a box beside the garage, next to the electric meter. Verizon does not need to get into the house to do this.



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2/25/10

						Gas needed				
		Gas	Price per	·		to make 1 Kwh	Gas in	Elect	. <u>2</u>	ပ္ပိ
		Amount		_	Mcf	3.3 cubic feet **	Kw hours	Amount	TUT	Š
Sleveland Electric	Dominion	\$ 111 \$		7.21	15.40	0.0033	4,665	₩	97	₩
	Columbia	<u>۲</u>	2 &	4.13	17.43	0.0033	5,283	69	97	₩
				, ···						
Ohio Edison	Dominion	\$ 111	₩	7.21	15.40	0.0033	4,665	↔	87	49
	Columbia	69	69	4.13	17.43	0.0033	5,283	69	87	63
Toledo Edison	Columbia		72 \$	4.13	17.43	0.0033	5,283	₩	8	₩
								_	_	

Electric \$ to Kwh

Total Kwh to \$

ost per wh	898 5,563 \$ 0.108 \$ 600.85 898 6,181 \$ 0.108 \$ 667.55	806 5,471 \$ 0.108 \$ 590.85 806 6,088 \$ 0.108 \$ 657.55	833 6,116 \$ 0.108 \$ 660.55
	\$ 0.108 \$ 0.108	0.108	0.108
	69 69	49 49	₩
fric unt	97	87	8
Electric Amount	69 69	69 69	↔
	u e	9.0	60

Consumer Council - "Comparison of Total Energy Bills at January 2010 Data in boxes comes from Ohio Rates" chart

0.037 Per Kwh 0.027 Per Kwh

208 169

(0.07) **\$** (0.08)

69 69

\$ 0.108 \$ 0.108

We would pay only

Total Gas & Electric Bill

Discount Needed

Cost per Kwh

Total Kwh's

0.036 Per Kwh 0.026 Per Kwh

69 69

198 159

(0.07) (0.08) \$

\$ 0.108 \$ 0.108

5,471 6,088

0.026 Per Kwh

₩

162

(0.08)

69

6,116 \$ 0.108

\$ 0.108

Average Electric Cost

electricity is worth 3.3 cubic feet of natrual gas Department of Energy estimates that 1kWh of in terms of generating heat.

PUCO Public Hearing on All-Electric Rate Discount

November 22, 2010

I thank you for the opportunity to speak again to the PUCO members. I said again because I made a presentation before on behalf of the All-electric home owner on March 13, 2008 at the hearing held at the Frank Lausche Building in Cleveland. I was seeking your consideration to maintain the All-electric rates for all the electric facilities that have been promised special rates by the power companies. I will not repeat that presentation again, but I have included a copy of the outline with the package I have given to you tonight. Exhibit A.

Unfortunately at that hearing the all-electric homeowner voices were not heard for the continuing of the discounted rates. I would like to believe that this was not the PUCO's reaction to our request, but a problem with a small representation of all-electric voice not being heard. The hearing was dominated by most ever school district in the area and many small business groups pleading their case to maintain their discounts as well. I believe that at this time both the schools and small businesses have received some form of concession from the PUCO and First Energy to continue with discounted rates,

So I am here again trying to ask that you hear and grant our request for a permanent discounted electric rate for all-electric facilities. We obviously do not have a large group or lobbyist to have our voices heard. But you have or will have heard tonight from this group on their feelings and need for the PUCO to represent us in the case against First Energy. New increased rates will be a serious hardship on the all-electric facilities, homes and to the property values of their facilities. Many of these homes are owned by senior citizens and resale values are very important.

First Energy and Contractors

To support this request, I have provide several documents that I hope will convince you to fight in our behalf.

- 1. A document titled "The Neighborhood Builders" This should help you understand the features of our all-electric homes and the technology that was built into the homes. The booklet was printed in 2002 and represents the latest features and all-electric energy designs that went into the construction of the homes. These designs were made around the lower electric rates promised by the power companies, because the power companies sales volumes were lower in the heating season than in summer when air conditioning demands were high. They gave the discounted rate to better utilize their facilities and increase their sales of power during this off peak period. The technology that is featured here was not called "Going Green" at the time, but that is what these features represented. We purchased our all-electric home in 2003 based on these forward thinking items and knowing the power companies were backing these contractors. I have highlighted the areas in the documents for you to find easily.
- 2. The second document "Make Plans" emphasizes the allelectric design and the low monthly cost of utility bills and state-of -the art construction. You will also note that the outside Olympic swimming pool is heated using geothermal heat pumps. Again thinking and designing "Green" much with the help of the power company's interest in the entire community of homes.
- 3. The document titled "The Quality Standards of Bob Schmitt Homes" This document shows the futuristic thinking in designs that even

includes the installation of fiber optic cable for future technology advancements and applications. Again the homes are well insulated to accommodate the all-electric energy. All of this was based on the First Energy commitment to discounted electric rates to sell more power especially during the winter.

4. The final document, exhibit B, "Move-in Checklist" are the written instructions that was given to all the homeowners. The document very clearly identify the instructions we were to follow when contacting First Energy to establish service that qualifies us for the optional heating rates. Our discounted rate must be continued because the power company has maneuvered their programs to establish a monopoly over the all-electric homes and facilities.

First Energy and Consumers

I think we need to review the history of First Energy actions of the past and how they continue to try to extract more money from the consumers. This to allow for their inefficiencies, perks and expensive management, like paying the CEO \$13 million /year.

Let's look at their request for rate increases:

- 1. The establishment of a separate company First Energy Solutions to get around the PUCO rate controls.
- 2. Giving out "free" light bulbs to consumers, a \$5.00 value then charging \$18.00. With this free gift we were expected to pay for the energy that we didn't use as a result of using the bulbs.
- 3. First Energy requested rate increases under the title of ESP or "Electric Security Plan" and increased the cost of the program from \$300 million to \$390 million. Was that to cover cost or added perks? Why does the non-profit Cleveland Clinic need \$70 million donation? Look at how the Clinic is spending money these days.

4. How First Energy is telling the PUCO that to grant the allelectric rate discounts you have 6 options, that have other consumers pick up the tab? I would suggest the PUCO and First Energy first look at the "earmark" items in the ESP program, the company waste, perks, cost reduction programs and productivity.

Summary and Conclusions

To conclude, I ask that The PUCO step back and review these facts and grant our request for a permanent rate discount as the power company had promised and that was built into our homes and businesses.

- 1. The school and small businesses have received special rates during the new rate implementation.
- 2. First Energy supported contractors to design communities and all electric facilities with discounted rates.
- 3. First Energy continuous effort to create a monopoly in the supply of electric power.
- 4. Exhibit B confirms an agreement between First Energy special rates and the construction of all-electric facilities.

Many of these home owners are seniors citizens that need your support and help to restore the discount program and protect the home values in the future.

Thank you

L. R. Skulina

Il Shuline

EXHIBIT A

Notes for the PUCO Hearing at 1:30 PM, March 13, 2008

Frank J. Lausche State Office Building 615 W. Superior Ave. Cleveland Ohio

Subject: First Energy seeking rate increase.

Points for discussion:

- 1. History of electric rates especially for ALL electric homes
 - A. Subsidized Geothermal heating systems
 - B. Fixed rate freeze for all electric homes
 - C. Cancelled rate freeze early home resale values?
 - D. Grandfathered through 2008 what next?
- 2. First Energy moved ownership of power plants
 - A. Wholly owned Unregulated subsidiary
 - B. Record profits 2007 =\$1.31 BILLION
 - C. President &CEO compensation in 2007 = \$12.75 MILLION or \$6,131 per hour salary
- 3. Quality of Service
 - A. January 24 & 25 2008 power loss 18 hours cold but not weather related
 - B. Sheryl Harris PD report 8 hours (2/28/08 article)
 - C. Perry plant reactor head corrosion story!
- 4. Problems
 - A. Focus on profits and not efficient operations
 - B. History shows attempt to create captive market (Monopoly)
 - C. Projection greater profits without regulations
 - D. Earning should come from productivity from operations Better management and cost reduction capital investments
 - E. Stock growth 39.5% in one year why!
- 5. Rate schedules for consumers, captive market and industry
 - A. Limit rate increases by percentages of inflation increase
 - B. Cap earning as they were under the old regulation -This forced the utilities to reinvest and better maintain equipment and services.
 - C. Solar energy reported savings of 3.5 cents per KWH

FAST FACTS ON OUR DISCOUNT FLECTRIC RATES

WHY WE OFFER DIFFERENT RATES

You might think that all residential customers in The Illuminating Company's service area receive the same basic rate each month, no matter how much electricity they use. This is not necessarily true.

Customers can be placed on a "standard" residential rate or be placed on one of several "discount" rates depending upon:

* How they heat and cool their home

* How they heat the water in their home

* How and when they use their electricity

Residential customers use about 500 kilowatthours per month. The more electric appliances you add to your home, the higher the monthly use of electricity.

Basically, customers who use electricity in a higher-than-average volume can get electricity at a less expensive kilowatthour rate. Unlike many commercial products, electricity can't be stored for later use. It is produced on demand. The excess power that we generate can be sold at a lower price. So the more electricity you use, the less your cost will be for each kilowatthour.

The Public Utilities Commission of Ohio approves the rates that The Illuminating Company offers to our customers. The following is an explanation of our discount rate schedule.

YOU MAY QUALIFY FOR A DISCOUNT RATE

WATER HEATING: This discount rate applies to any home that has an electric water heater as the sole source of water heating. Customers can receive significant savings on their total monthly energy bills by using an electric water heater discount rate.

There are a few requirements to qualify for this discount. The electric water heater must be 40 gallons or higher capacity, insulated to R-10 or higher and be warranted for at least five years. This rate represents on average an 18% discount compared to the standard residential rate.

SPACE HEATING: You qualify for this discount rate when the sole heating source of your home is electric. This could be an electric furnace, heat pump, baseboard, electric boiler or radiant panels.

Again, you're saving on your total monthly energy bills because you're getting electricity at a discount rate over using fossil fuel, like gas, oil or propane to heat your home. This space heating rate is in effect between October 1 and May 31.

ALL-ELECTRIC: Customers are placed on this <u>year-round rate</u> when the sole source of space heating and water heating is electric. This rate combines the winter discount of the space heating rate with the summer discount of the water heating rate.

Once again, you save money since you're getting electricity at a discount rate rather than using gas, oil or propane to heat your home and water. And because of the summer discount, cooling costs are also less.

HEAT & COOL PUMP: You'll receive a significant discount on your cooling and heating when you install the Heat & Cool Pump onto a gas, oil or propane furnace. A separate electric meter records only the electricity used by the Heat & Cool Pump. This usage is then billed to you at a discount rate—in the summer for cooling; in the spring/winter and fall for heating.

Although not as attractive as the all-electric rate, the Heat & Cool Pump rate will save you money compared to using regular central air for cooling and gas, oil or propage for heating.

LOAD MANAGEMENT OPTION: If you're using more than 750 kilowatthours per month, you can save money with our Load Management Option. One option allows you to lower your kilowatthour cost by spreading the use of major electric appliances throughout the day rather than operating them all at the same time. The other option offers lower rates if you operate most of your appliances evenings or weekends.

The Load Management Option can be used in conjunction with any of the above discount rates except for the Heat & Cool Pump rate. Using Load Management plus a special discount rate, you can see substantial reductions in your monthly electric bill.

The Illuminating Company has a special brochure about Load Management. Call us at 1-800-589-2222 if you want this free brochure or have questions about our discount rates.

The Illuminating Company

The Energy Makers.

A Centerior Energy Company

ADDRES

· 			
DATE	Ridgewood - RE. 20 x66	- CREDIT	+ DEBIT
	PRICE OF HOME (ACCESSORIES INCLUDED)		
	101/2 x 22 Patis auring		
	121/2 x 25 Carport Quinny		
	121/2 x 8 Gato Putrer		
	3 ton Heat Cump		
	Gutters - Dauropants		
	Dry Wall there art	У.	81,000.00
<u></u>	CHANGES REQUESTED:	,	
	Bay Window - Family Par Ed		228.00
	Day Window - Family Paon Sit		672.00
	Wall Friplace - LR.		1880.00
	10-6 Ganel Lana @ 36. ach		360.0
<u> </u>	addition of the 2x2	u Valenderson en 1900 in 1900 in	2.00
	Loundry Test of Colinet		1680
	Perimeter Hest		276.00
	1/2 Bath option of U.R.		5/6.00
	V	: 65	
	Omit Carpeting 3	900.0	0
	Omit Cange, Ref. Dishvasha	1484.0	00
-	51 action Concrete		nr
 	2 Gates - 1 Carpet Skylight		322.00
	10 x 20 Wood Deck		220000
	10 x 20 Room Enclosure		4715.00
	121/2 × 15 additional & Partner		1800.0
	121/2 x 76 additional Carport		1908.00
•	•		

CLASSIC SECTIONAL STANDARD FEATURES

INTERIOR

Painted Drywall Throughout
Vaulted Ceiling Throughout
Continental III Drape Package
"NP" Jute Backed Carpet with Pad — Living Room, Dining
Room, Family Room, Hall, All Bedrooms and #1 Bath
Tiled Entry Foyer
Residential Ceiling Throughout
7-1/2' Ceiling Height at Sidewall
Metal Passage Door Knobs
#177 Hanging Dinette Light
Glass Light Shades
Residential Door Casing

KITCHEN

Raised Panel Maple Cabinet Doors and Drawers
Solid Maple Cabinet Stiles
Finished Overhead Cabinets with Backs
Deluxe Brass Cabinet Pulls
Deluxe Roller Guide Drawer System
Refrigerator Overhead Cabinet
Spice Rack
Center and Bottom Shelves — All Cabinets
Eating Bar — Most Models
Deep Stainless Steel Kitchen Sink
Light over Sink with Separate Switch
High Pressure Laminated Countertops
Deluxe (20 mil) Double Wear Layer Vinyl Floor Covering
Brass Crown Moulding — Kitchen Overhead Cabinets
Recept with Ground Fault Interrupter

APPLIANCES

Fower Range Hood Managerit
30 Gallon Electric Water Heater
14.4 Cu. Ft. 2-Door Rentgerator
Atmospheric Gas Furnace
Ventilaire IV Ventilation System

BATHS

One-Piece Fiberglass Tub/Shower #1 Bath (Deluxe Tub with Separate Shower Selected Models)
One-Piece Fiberglass Tub/Shower — #2 Bath
Shower Curtain and Rod — All Full Baths
Bath Window Drape
Mirror over Vanity
Floor to Ceiling Linen Cabinet — Most Models #1 Bath
Bottom Shelf in Bath Vanity
Porcelain Stool, Tank and Lid
Receptacle with Ground Fault Interrupter
Ceiling Fan — All Baths
White Bath Cabinets

BEDROOMS

Color Coordinated Drapes
Family Styled Wardrobes with Vented Wire Shelving
Ceiling Lights — All Bedrooms
Smoke Detector in Sleeping Areas
Egress Window — Each Bedroom
Switch Light in Walk-in Wardrobes

UTILITIES

Utility Room with Washer/Dryer Area and Freezer Space — Most Models

100 AMP Breaker Entrance Service with Conduit through Floor

Gas Black Piping with Valve at Furnace and Range Beauty Ring Seals — All Plumbing Lines Copper Plumbing Fittings Copper Wiring Throughout — Fully Grounded Class "A" Lined Furnace and Water Heater Closet Wire and Plumb for Washer Wire and Vent for Dryer

INSULATION

Fiberglass Insulated Heat Duct
(Saves up to 18% Energy Costs)
*R-25 Blown Ceiling Insulation with Vapor Barrier
*R-19 Fiberglass Insulation in Walls
*R-19 Fiberglass Insulation in Floors

EXTERIOR

House Type Front and Rear Door with Storm
Porch Lights at all Exterior Doors
10" Side and 12" End Overhangs
Vinyl Lap Siding with Structural Sheathing
10" Shutters Front and Door Side
Carefree Low E Windows
Metal Drip Edge — Entire House
Exterior Receptacle with Ground Fault Interrupter

CONSTRUCTION

Basement Type Steel I-Beam Frame Detachable Hitch 2"x6" Floor Joist 16" O.C. 2"x6" Sidewall Studs 16" O.C. 42" Truss Type Rafters Self-Sealing Shingles HUD Seal

WARNING: FLOOR PLANS, SKETCHES, AND DRAWINGS AS SHOWN ARE PROMOTIONAL ILLUSTRATIONS AND ALL DIMENSIONS ARE APPROXIMATE. EXACT MEASUREMENTS FROM WORKING DRAWINGS ARE AVAILABLE UPON REQUEST FOR VERIFICATION OF ROOM SIZES, STANDARD OR OPTIONAL FEATURES, AND OTHER PRECISE DETERMINATIONS. FOUNDATION DRAWINGS MUST CONFORM TO SPECIFIC MODELS AND ARE AVAILABLE ON REQUEST. PORCH AREAS MUST BE OUTSIDE THE BASEMENT PERIMETER AND PROPER DRAWINGS AND AIR CIRCULATION MUST BE MAINTAINED UNDER ALL PORCH AREAS. FOR SPECIFIC DETAILS SEE YOUR HOUSING CONSULTANT.

SPECIFICATIONS AND MATERIALS VARY BY SERIES, AND ARE SUBJECT TO CHANGE WITHOUT NOTICE DUE TO AN ONGOING PRODUCT IMPROVEMENT PROGRAM — SEE YOUR HOUSING CONSULTANT TO VERIFY STANDARD EQUIPMENT OF SPECIFIC MODELS.

BAY WINDOWS AND PORCH WALLS ARE BUILT WITH 2x4 FRAMING WHEN 6" SIDEWALLS ARE SPECIFIED.

CERTAIN COMPONENTS OF THE RUNNING GEAR MAY BE RECYCLED.

SCHULT HOMES CORPORATION • P.O. BOX 151 • MIDDLEBURY, INDIANA 46540 • PHONE (219) 825-5881

^{*} The higher the R-value, the greater the insulating power.



BOB SCHMITT HOMES, INC.

EXTRA ITEMS LIST

BAS	IC DWELLING: 2570sq.ft @ 3	1.33/s	q.ft.			\$ 8	0,518.00
BAS	C PARCEL:					1	5,500.00
	SUB-TOTAL OF DWELLING AN	ID PARC	EL OF	LAND	:	9	6,018.00
EXT	RAS:						
1.	(2) Pocket Doors						240.00
	Decking						1,632.00
	Landscaping (over std.)						2,500.00
	Breakfront						976.00
5.							265.00
6.	Extra Linen Closet						310.00
	Extra Kitchen Ctr.						942.00
8.	Corner Cab.						180.00
	Stained Woodwork						500.00
	Shower						380.00
	Water Heater (over std.)						210.00
	2nd Lav. Sink						450.00
	1/2 Bath						1,300.00
	Split Plumbing						385.00
	Garage Door Opener						300.00
	Lighting over Allowance						1,500.00
	Colored Appliances						30.00
	Demand Meter						600 ,
	Hot Water to Garage						90.00
		TOTAL	EXTR.	AS:		\$ 1	2,790.00

TOTAL OF DWELLING AND PARCEL OF LAND:

\$108,808.00

The above "Extra Items" have been authorized by us this date and are to be included in the house at the cost shown. Payment in full will be made at the time of Title Transfer or within thirty (30) days of invoice date.

Date:

3/11/16

Date: 3//

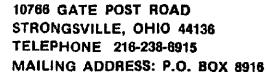
Thomas M. Spehar

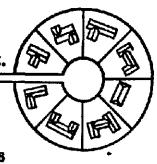
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Sublot No. 7239

BOB SCHMITT HOMES, INC.





Welcome to a Bob Schmitt Home and Neighborhood:

Our custom designs and material selection latitude requires quite a lot of coordination between you and our production people. Several staff people perform this job. You will be working with them in the various stages of the selection process and in closing the transaction just before move in.

These people are:

Ed Schmitt, President - Architect

- Over all design

- Landscaping

- Sales

Denise Thornton - Interior Design Coordinator- Interior design and material

selection

Exterior Material Selection

- Electrical Layout - PayGrow Closings

- Service and move-in training

William F. Mahoney - Attorney

- Legal

- Conventional Closings

The Sales Department and specifically your sales representative will be able to handle many routine questions and assist you wherever possible during the time of construction.

Accompanying this letter are a number of informational and policy statements in respect to various phases of construction.

It will be our pleasure to serve you and we look forward to a long and happy relationship. Our reputation and our objective is to build you a home and neighborhood that you will enjoy in every way and which will be a profitable investment.

Sincerely,

BOB SCHMITT HOMES, INC.

Edward A. Schmitt EAS/11

Enclosures

GENERAL PROCEDURE AND INFORMATION

In order to give you a better overall view of the events that will be taking place, there follows a brief description of the information which will be needed and a general order of events which will take place.

DESIGN PROCESS

You will be contacted by the architect and an appointment time set for you to meet and go over the design of your house. Depending on the type of design involved, it may require more than one session.

Usually at the first meeting with the design coordinator, the exterior materials will be selected as follows:

exterior siding roofing material front door selection

"Rough-in" selections will also be discussed. Plumbing fixtures must be selected early as the tub and shower units are set in the house before the inside partitions are complete. Rooms that will have paneling must be designated as the exterior doors and windows and electrical outlets must be set to accommodate the extra thickness of wood. Any floors that will have quarry tile or parquet flooring must be determined as exterior doors must be set to accommodate this extra thickness.

Our homes qualify for the "All Electric Heating" rate. This rate is only available to homes built to CEI energy efficiency standards which we are substantially above. The "All Electric" rate is lower than the "General Residential" rate. CEI is now offering a "Load Management Option" rate which can further reduce electric bills on our homes. In order to profit from the "Load Management" rate, a home must be equipped with a load controller. We are installing these units in our new homes at a cost of \$600. On existing homes the cost is \$750. This device electronically prioritizes and juggles your larger loads like the hot water heater, supplemental heat, dryer etc. so that the power demand is kept at a minimum. This could save from \$150 to \$300 per year beyond our present favorable rates. More information on the load control device itself, its cost and benefits are available on request at this office.

The first set of working drawings will be prepared and construction of the house will begin.

LATER SELECTION PROCESS

The design coordinator will also present the interior selections available. These include:

floor coverings wall coverings counter tops cabinets interior paint and stain appliances

The electrical layout of the house will be discussed and appropriate fixtures will be chosen.

If you have purchased a cluster unit, your first meeting will be with the design coordinator because the exterior selections are fixed as a part of the group design.

A second or third meeting with the interior design coordinator may be necessary to finalize your selections. After these selections are made, the second set of working drawings is prepared so that materials may be ordered and specific finishing details completed.

you are making your purchase by means of our Bob Schmitt Homes, Inc. "PayGrow" financing lan, please contact the Design Coordinator approximately two weeks prior to move in to arrange for an appointment to sign your Closing Papers. Shortly before final completion of your home your closing statement and any addendum documents will be prepared for your "close" appointment. During this "close" presentation the remaining downpayment funds, and any additional expenses to cover extra items, as detailed on the addendum sheets, will be required.

Since monthly payments are due on the first day of each month, if you are taking occupancy on a date other than the first day of the month but not later than the fifteenth day of the month, a proration (in accordance with Bob Schmitt Homes Contract for Installment Purchase) will be made covering the date of occupancy through the end of the month to determine the amount due. This amount will be required at the closing.

If you are taking occupancy on a date other than the first day of the month but later than the fifteenth day of the month, a proration (in accordance with Bob Schmitt Homes Contract for Installment Purchase) will be made covering the date of occupancy through the end of the month to determine the amount due. This amount, plus the next following month's payment of interest and taxes will be required at the closing. For "PayGrow" buyers, a copy of your insurance will also be required before the close presentation can be completed. This can be accomplished by instructing your insurance agent to forward a copy of this information to Bob Schmitt Homes, Inc., P. O. Box 8916, Strongsville, Ohio 44136.

INSURANCE COVERAGE

Bob Schmitt Homes has your home insured under a "Builders Risk" policy while it is under construction. This policy is invalid upon occupancy. Therefore, you must purchase an insurance policy which becomes effective on your occupancy date. If you move any personal belongings in prior to effecting insurance coverage, our insurance will NOT cover any loss.

If you are purchasing a cluster home, insurance on the building (not the contents) is provided through a master policy with your cluster Association. The payment of this premium is handled through our office until the homeowners association is formed and operating. The insurance premium is part of your association fee.

In a cluster home it is your responsibility to obtain insurance other than that covered by the association policy. Usually this consists of contents and liability insurance.

Should you wish, you may place your insurance coverage through PRIOR AND ASSOCIATES INSURANCE AGENCY, INC. Their phone number is 572-0909. There are several advantages to placing your insurance through this agency. The most important is because many other Bob Schmitt Homes homeowners have placed their insurance through this agency. In case of a possible claim you would have a substantial advantage since the insurer's business volume makes each claim a much more important issue than would be the case otherwise. For homeowners who have purchased their home under the "PayGrow" plan, another advantage is that you may pay for this coverage monthly by sending it along with your house payment. ("PayGrow" buyers, please refer to the Insurance Options Letter included with your Contract for further information.) Conventional buyers, please contact Prior & Associates at the above stated phone number for further information.

MOVE-IN RESPONSIBILITIES

We will notify the utility companies to read the meters and send us final bills as of your occupancy date. You should call them and have your name placed in their records as of the occupancy date. For homes in Strongsville: Cleveland Electric and Illuminating Co. is 861-9000. Be sure to remind CEI that your billing should receive the energy discount because it is for an all electric house insulated above their standards. City of Cleveland,

November 01, 2010

Account Number: 11 00 26 9638 2 4

Page 1 of 5

Bill for: THOMAS SPEHAR

10798 MEADOW TRL

STRONGSVILLE OH 44149

Billing Period:

Oct 02 to Oct 29, 2010 for 28 days

Bill Based On:

Next Reading Date: On or about Nov 30, 2010 Actual Meter Reading

Equal Payment Plan

2010

Residential Service

Account Summary		Amount Due
Your previous bill was	247.00	
Total payments/adjustments	-247.00	
Balance at billing on November 01, 2010	0.00	0.00
Current Basic Charges		# 402 / 1 100 700 00 00 F
The Illuminating Company - Payment Plan Amount	138.00	
NOPEC-FirstEnergy Solutions Corp Consumption	82.91	
Total Current Charges	220.91	220.91
Total owed by Nov 15, 2010		\$220.91
As a Checkless customer - Total charges of \$220.91		
will be deducted from your account on Nov 15, 2010		

To avoid a 1.50% Late Payment Charge being added to your bill, please pay by the due date. You are legally responsible for a \$183.05 actual account balance.

	Il issued by: ne Illuminating Company O Box 3638 cron OH 44309-3638	Rummaling Company	Customer Service 24-Hour Emergency/Outage Reporting Payment Options visit us on-line at www.firste	1-800-589-3101 1-888-544-4877 1-800-686-9901 energycorp.com
34 NC	ertified Retail Electric Servi OPEC-FirstEnergy Solutions I1 White Pond Drive Bldg B3 kron OH 44320	Corp. I	For Information About Your Alternate Electric Supplier	1-888-254-9227

Price to Compare Message

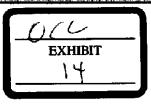
Your current PRICE TO COMPARE for generation and transmission from The Illuminating Company is listed below. For you to save, a supplier's price must be lower. To obtain an "Apples to Apples" comparison of available competitive electric supplier offers, visit the PUCO web site at www.PUCO.ohio.gov.

Residential Service - 1410003679

6.86 cents per kWh

See other pages for additional information and telephone numbers





Account Number: 110026963824

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Checkless Customer \$220.91 will be deducted from your account on November 15, 2010 - DO NOT PAY

THE ILLUMINATING COMPANY PO BOX 3638 AKRON OH 44309-3638 lahalahalahallan lahan lahallan da lahalahalah

Invoice Number: 90372296057

Definitions

Actual Reading - A reading we take from your electric meter.

Bypassable Generation and Transmission Related Component Charges associated with the costs for purchased power and to
deliver the power through the transmission system. These are the
charges that a customer would avoid for that billing period if the
customer switched to a Certified Retail Electric Service provider.
Cost Recovery Charges - Charges paid by all customers to recover
previously incurred costs.

Customer Charge - The fixed monthly charge for basic distribution which partially covers costs for billing, meter reading, equipment, and service line maintenance.

Distribution Related Component - A charge (including taxes) for moving electricity over electric distribution lines to your home or business. Formerly, Delivery Charge.

Due Date - The date the bill must be paid by to avoid a late payment charge.

Economic Development Component - Charges paid by all customers to recover costs related to economic development support. Estimated Reading - On the months we do not read your meter, we calculate your bill based on your past electrical use. If you would like to read your own meter to avoid estimated bills, sall us for meter reading cards or access our Web site listed below.

Kitowatt (KW) - 1,000 watts of electricity.

Kilowatt-hour (kWh) - The unit of measure for the electricity you use over time. For example, you use one kilowatt-hour of electricity to light a 100-watt light bulb for ten hours.

Late Payment Charge - A late charge added to the overdue amount if you do not pay your bill by the due date.

Price to Compare (PTC) - A certified retail electric service provider's price for generation and transmission must be lower than your price to compare for you to save money with that provider.

Residential Distribution Credit - A credit for customers billed on a qualifying rate (as of 4/30/09), applied to all usage over 500 kWh during the winter billing period.

Residential Generation Credit - A credit for customers billed on a qualifying rate (as of 4/30/09), applied to all billing period usage during the winter billing period.

Transition Charge - This charge provides for the recovery of a

Transition Charge - This charge provides for the recovery of a portion of the investment made in the electric system prior to deregulation and costs incurred related to the transition to full electric generation competition.

Important Information

Questions or Complaints

To receive information about your **lituminating Company** bill, various charges, rate schedules or for a written explanation of the Price to Compare:

Write: The Illuminating Company, 76 S. Main St., A-RPC,

Akron, OH 44308-1890

Call Customer Services: 1-800-589-3101 (Monday - Friday, 8:00 a.m. - 6:00 p.m.) Visit our Web site: www.firstenergycorp.com

You may be asked to provide:

Your phone number: 1-440-238-5262 Your account number: 11 00 26 9638 2 4 Your premise number: 1410003679

For Your Protection

All of our employees wear Photo I.D. badges.

Always ask for an employee's I.D. before letting anyone in your home. If you are still not sure, please call.

We welcome the opportunity to work with you and will try to answer your questions. If your complaint is not resolved after you have called your electric supplier and/or The Illuminating Company, or for general utility information, residential and business customers may call the Public Utilities Commission of Ohio for assistance at 1-800-686-7826 (toll free), or for TTY at 1-800-686-1570 (toll free), from 8:00 a.m. to 5:00 p.m. weekdays, or at www.PUCO.ohio.gov.

Residential customers may also contact the Ohio Consumers' Counsel for assistance with complaints and utility issues at 1-877-742-5622 (toll free) from 8:00 a.m. to 5:00 p.m. weekdays, or at www.pickocc.org.

Energy Assistance: Contact HEAP at 1-800-282-0880 (TDD/TTY 1-800-686-1557) Monday - Friday between 8:00 a.m. and 5:00 p.m.

ELECTRONIC CHECK CONVERSION. When you provide a check as payment, you authorize us to either use information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. Funds may be withdrawn from your account as soon as the same day we receive your payment and your check will not be returned from your financial institution. If you have questions about this program, or if you do not wish to participate, call 1-866-283-8081.

Our representatives can answer your questions, describe the charges on your bill, explain how to make sure your bill is correct, and provide information on rate schedules and energy efficiency. To learn more about The Illuminating Company's customer services, visit our Web site at www.firstenergycorp.com.



Don't miss the enclosed brochure on Co-Op. Return the application form to sign-up for the program and help your

Charges from The Illuminating Company this billing period

When contacting a Certified Retail Electric Service Provider, please provide the customer numbers below. Call The Illuminating Company at 1-800-589-3101 with questions on these charges.

Basic Charges

Customer Number: 0801364074 1410003679 - Residential Service - CE-RSD	
Customer Charge	4.00
Distribution Related Component	63.09
Transition Charge	13.00
Cost Recovery Charges	5.45
Residential Distribution Credit	-12.89
Residential Generation Credit	-67.24

Total Charges \$ 5.41

The state of the s Call NOPEC-FirstEnergy Solutions Corp. at 1-888-254-9227 with questions on these charges. Account Number: 108515299 Rate: FESNP-G960

Basic Charges

Basic Charge 82.91 1,258 KWH x 0.065906 per KWH

Total Charges \$ 82.91

Total Payments Total Payments and Adjustments		<u>247.00</u> -\$247.00
Tatal Daymania		-247.00
Payments: 10/18/10		-247.00
Date	Reference	Amount
Datail Pa	yment and Adjustment info	muation

ELECTRON CONTRACTOR SERVICES AND SERVICES AN	nt Calances by	company sizes:	10 to 11 to 12 to 13 to 15	全国
	Previous	Payments/	Current	Please
	Balance	Adjustments	Charges	Pay
The Illuminating Company	247.00	-247.00	138.00	138.00
NOPEC-FirstEnergy Solutions Corp.	0.00	0.00	82.91	82.91
Total	247.00	-247.00	220.91	220.91

Account Number: 11 00 26 9638 2 4 Page 4 of 5 Invoice Number: 90372296057

			Actual	Charges	EPP .	Amount
Billing Period	# Days	Due Date	Dist	Supply	Dist	Supply
12/03/09 01/04/10	33	01/19/10	1 42 .25	0.00	190.00	0.00
01/05/10 02/03/10	30	02/22/10	598.18	0.00	190.00	0.00
02/04/10 03/04/10	29	04/19/10	260.76	0.00	190.00	0.00
03/05/10 04/02/10	29	04/19/10	199.45	0.00	215.00	0.00
04/03/10 05/03/10	31	05/18/10	104.39	0.00	215.00	0.00
05/04/10 06/02/10	30	06/17/10	102.84	0.00	215.00	0.00
06/03/10 07/01/10	29	07/16/10	203.50	0.00	215.00	0.00
07/02/10 08/02/10	32	08/17/10	276.24	0.00	215.00	0.00
08/03/10 09/01/10	30	09/16/10	218.85	0.00	215.00	0.00
09/02/10 10/01/10	30	10/18/10	95.27	0.00	247.00	0.00
New Supplier						
10/02/10 10/29/10	28	11/15/10	5.41	0.00	138.00	0.00
Totals			2,207	'.14	2,24	5.00
Difference Between A Unpaid EPP Amount	ctual Charges a	nd EPP Amount				-37.80 138.00
EPP Account Balanc	_					100.14

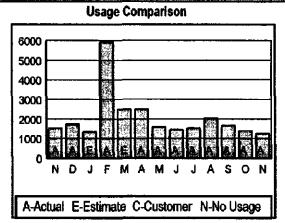
Your actual account balance with The Illuminating Company is 100.14.

Residential Service		
Meter Number	5503066	
Present KWH Reading (Actual)	79,500	
Previous KWH Reading (Actual)	78,242	
Kilowatt Hours Used	1.258	



Account Number: 11 00 26 9638 2 4 Invoice Number: 90372296057

Usage Information



	His	torical Usage	nforn	natio	n
Nov	09	1,520	May	10	1,574
Dec	09	1,733	Jun	10	1,436
Jan	10	1,343	Jul	10	1,517
Feb	10	5,912	Aug	10	2,053
Mar	10	2,494	Sep	10	1,659
Apr	10	2,494	Oct	10	1,393
			Nov	10	1,258

	Oct 09	Oct 10
Average Daily Use (KWH)	52	45
Average Daily Temperature	51	55
Days in Billing Period	29	28
Last 12 Months Use (KWH)		24,866
Average Monthly Use (KWH)		2,072



November 04, 2009

Account Number: 11 00 26 9638 2 4

Page 1 of 4

Bill for: THOMAS SPEHAR

10798 MEADOW TRL STRONGSVILLE OH 44149

00C 12 2009

Billing Period:

Oct 06 to Nov 03, 2009 for 29 days

Next Resiling Date: On or about Dec 03, 2009 Bill Bauad On:

Actual Meter Reading Equal Payment Plan

Residential Service

I ASIGNIUM GOLLICE	
KARANG PERSENTENDEN PROPERTY AND	CONTRACTOR SERVICE AND
Your previous bill was	179.00
Total payments/adjustments	-179.00
Balance at billing on November 04, 2009	0.00
Current Basic Charges	
The Illuminating Company - Payment Plan Amount	179,0
Total owed by Nov 18, 2009	\$179.0
As a Checkless customer - Total chames of \$179.00	

will be deducted from your account on Nov 18, 2009 二、"有效,"在一个人的特殊的一个人的一种工作。

To avoid a 1.50% Late Payment Charge being added to your bill, please pay by the due date.

To pay your account in full you owe \$171.55.



Bill issued by: The Illuminating Company PO Box 3638 Akron OH 44309-3638

Customer Service 24-Hour Emergency/Outage Reporting Payment Options

1-800-589-3101 1-888-544-4877 1-800-686-9901

visit us on-line at www.firstenergycorp.com

Your current PRICE TO COMPARE for generation and transmission from The Illuminating Company is listed below. For you to save, a supplier's price must be lower. To obtain an "Apples to Apples" comparison of available competitive electric supplier offers, visit the PUCO web site at www.PUCO.ohio.gov.

programmed and the control of the programme of the control of the

Residential Service - 1410003679

5.16 cents per kWh



Account Number: 110026963824

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Checkless Customer \$179.00 will be deducted from your account on November 18, 2009 - DO NOT PAY

THE ILLUMINATING COMPANY PO BOX 3638 AKRON OH 44309-3638

EXHIBIT

Invoice Number: 90441981146

The Public Utilities Commission of Ohio has approved changes to the Company's Net Energy Metering Rider. Customers with on-site generation fueled by solar, wind, biomass, landfill gas or hydropower, or use a micro turbine or a fuel cell may request net metering as described in this rider, Sheet No. 93 of our tariff, Customers adding generating equipment connected to their home or business wiring must comply with the technical specifications referred to in Sheet No. 95 of our tariff, Interconnection Service. Copies of both of these tariff documents are available from our website at www.FirstEnergyCorp.com and by calling 1-800-589-3101,

As part of our Ohio Renewable Energy Credits (REC) Program, we'll be entering into agreements with residential customers to purchase RECs generated from customers' approved renewable energy projects, such as solar and wind projects. For more information, check the inserts in next month's bill or visit firstenergycorp.com and search on "Ohio Residential REC."

When contacting a Certified Retail Electric Service Provider, please provide the customer numbers below. Call The Illuminating Company at 1-800-589-3101 with questions on these charges.

Basic Charges

Customer Number: 0801364074 1410003679 - Residential Service - CE-RSF

Customer Charge 4.00 Distribution Related Component 75.04 Transition Charge 13.45 Cost Recovery Charges 3.25 Bypassable Generation and Transmission Related Component 78.45 Residential Distribution Credit -17.34

Total Charges

\$ 156.85

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Date	Reference	Amount	
Payments:			
10/20/09	•	-179.00	
Total Payments			179.00
Total Payments and Adjustments		-\$	179.00

			Actua	Charges	EPP	Amount
Billing Period	# Days	Due Date	Dist	Supply	Dist	Supply
12/06/08 01/07/09	33	01/22/09	231.35	0.00	172.00	0.00
01/08/09 02/04/09	28	02/19/09	257.80	0.00	172.00	0.00
02/05/09 03/05/09	29	03/20/09	204.04	0.00	172.00	0.00
03/06/09 04/03/09	29	04/20/09	142.92	0.00	172.00	0.00
04/04/09 05/06/09	33	05/21/09	147.43	0.00	172.00	0.00
05/07/09 06/05/09	30	06/22/09	120,25	0.00	172.00	0.00
06/06/09 07/07/09	32	07/22/09	216.42	0.00	211.00	0.00
07/08/09 08/04/09	28	08/19/09	177,25	0.00	211.00	0.00
08/05/09 09/02/09	29	09/17/09	201.76	0.00	211.00	0.00
09/03/09 10/05/09	33	10/20/09	159.48	0.00	179.00	0.00
10/06/09 11/03/09	29	11/18/09	156.85	0.00	179.00	0.00
Totals			2,015	.55	2,02	3.00

Difference Between Actual Charges and EPP Amount Unpaid EPP Amount

7.45

EPP Account Balance

179.00 171.55

Your actual account balance with The Illuminating Company is 171.55.

THOMAS SPEHAR

Account Number: 11 00 26 9638 2 4

Invoice Number: 90391694190

Page 3 of 5

4.53

69.53

45.48

51.84

8.24

106

Your current PRICE TO COMPARE for generation and transmission from The Illuminating Company is listed below. For you to save, a supplier's price must be lower. To obtain an "Applea to Applea" comparison of available competitive electric supplier offers, visit the PUCO web site at www.PUCO.ohio.gov.

Residential All Electric Load - 1410003679

1.8 cents per kyyh

This is your last bill of the current budget season. The Amount Due on this bill is the amount that will bring your account balance to zero before the new budget season begins.

Starting next month, your Equal Payment Plan amount due will be \$172.00. During the budget season, this amount will be reviewed quarterly and adjusted if necessary.

Best wishes for a joyous holiday season from all of us at The Illuminating Company.

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S. Arente manager bendere krijk is dit belyd feliof When contacting an Alternate Electric Supplier, please provide the customer numbers below. Call The Illuminating Company at 1-800-589-3101 with questions on these charges.

Basic Charges

Customer Number: 0801364074 1410003879 - Residential All Electric Load - CE-RS72F

Customer Charge Delivery Charge Transition Charge

Generation Related Component Transmission Related Component

S 179.62 **Total Charges**

Date Reference Amount

Payments:

11/20/08 -162.00

Total Payments 162.00

Total Payments and Adjustments -5162.00

OCC 16 Capy 4

December 08, 2008

Account Number: 11 00 26 9638 2 4

BILL for: THOMAS SPEHAR 10798 MEADOW TRL STRONGSVILLE OH 44149

Billing Period:

Nov 06 to Dec 05, 2008 for 30 days

Bill Based On:

Next Reading Date: On or about Jan 06, 2009 **Actual Meter Reading**

Equal Payment Plan **Annual Review**

2008

Residential All Electric Load

n filozofia de la comencia de la co	elegica (1920) de tra la California de Servicia de la California de Cali
Your previous bill was	162.00
Total payments/adjustments	
Balance at billing on December 08, 2008	0.00
Current Basic Charges	ia koti ilikukalian kitu ya kita masayi. Masayi ilikukalian ilikuwa kita waka kita kita kita kita kita kita kita k
The Illuminating Company - Payment Plan Amount	162.00
The Illuminating Company - Payment Plan Balance	-1.01 🔐 👑 🚧 🕍
Total Current Charges	160.99
Total owed by Dec 22, 2008	\$160.99
As a Checkless customer - Total charges of \$160.99	
will be deducted from your account on Dec 22, 2008	
	Naj suda menuli en sensialan adenese di antimistika di taka dibakan kepada angan pagan selah digak

To avoid a 1.60% Late Payment Charge being added to your bill, please pay by the due date.

*** PLEASE SEE MESSAGE ABOUT YOUR EQUAL PAYMENT PLAN ON PAGE 3. ***

Under State law, the amount you are being billed includes:

- (4) Kilowatt-hour taxes that have been in effect since 2001 and are currently at \$120.43; and
- (2) Assessments to assist in the support of the operations of the PUCO and the office of the consumers' counsel that have been in effect since 1912 and 1977, respectively.



Bill Issued by: The Illuminating Company PO Box 3638 Akron OH 44309-3638



Customer Service 24-Hour Emergency/Outage Reporting

1-800-589-3101 1-888-544-4877

Payment Options

1-800-886-9901

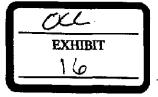
visit us on-line at www.firstenergycorp.com

THOMAS SPEHAR

10798 MEADOW TRL

STRONGSVILLE OH

44149-2155



Account Number: 110026963824

Checkless Customer \$160.99 will be deducted from your account on December 22, 2008 - DO NOT PAY

THE ILLUMINATING COMPANY PO BOX 3638 AKRON OH 44309-3638

[443093638389]

0411002696382400000000000000000000160990000160994

Invoice Number: 90391694190

Definitions

Actual Reading - A reading we take from your electric mater.

Customer Charge - The fixed monthly charge for basic distribution which partially covers costs for billing, meter reading, equipment, and service line maintenance.

Delivery Charge - Charge for moving electricity over electric distribution lines to your home or business.

Due Date - The date the bill must be paid by to avoid a late payment charge.

Estimated Reading - On the months we do not read your meter, we calculate your bill based on your past electrical use. If you would like to read your own meter to avoid estimated bills, call us for meter reading cards or access the Web site listed below.

Generation Credit Por Shopping - The credit you receive on your bill when you choose an alternate electric supplier.

Generation-Related Component - Charges associated with the production of electricity.

Kitovolt Amperes (KVA) - Volts times amperes divided by 1000. Actual measured power used for circuit sizing.

Kilowatt (KW) - 1,000 watts of electricity. Kilowatt-hour (kWh) - The unit of measure for the electricity you use over time. For example, you use one kilowatt-hour of electricity to light a 100-west light bulb for ten hours. Late Payment Charge - A late charge added to the overdue amount if you do not pay your bill by the due date. - The PTC for generation and Price to Compare (PTC) transmission is an estimate based on an average for your rate category. Your PTC may be higher or lower depending on your usage and seasonal rate variances. PTC will appear monthly on your electric bill. - This charge provides for the recovery of Transition Charge a portion of the investment made in the electric system prior to deregulation and costs incurred related to the transition to full electric generation competition. - The amount the utility Transmission-Related Component or supplier charges for operating and maintaining the electric transmission system.

Important Information

Questions or Complaints

To receive information about your Illuminating Company various charges, rate schedules or for a written explanation of the Price to Compare:

Write: The Illuminating Company, 76 S. Main St., A-RPC,

Akron, OH 44308-1890

Call Customer Services: 1-800-589-3101 (Monday - Friday, 7:30 a.m. - 7:00 p.m.) Visit our Web site: www.firstenergy.corp.com

You may be asked to provide:

Your phone number:
Your account number:

1-440-238-5262 11 00 26 9638 2 4

Your premise number

1410003679

For Your Protection
All of our employees wear Photo I.D. badges.

Always ask for an employee's I.D. before letting anyone in your home. If you are still not sure, please call. bill,

We welcome the opportunity to work with you and will try to answer your questions. If your complaint is not resolved after you have called your electric aupplier and/or The Illuminating Company, or for general utility information, residential and business customers may call the Public Utilities Commission of Ohio for assistance at 1-800-686-7826 (toll free), or for TDD/TTY at 1-800-686-1570 (toll free), from 8:00 a.m. to 5:00 p.m. weekdays, or at www.PUCO.ohio.gov.

Residential customers may also contact the Ohio Consumers'
Counsel for assistance with complaints and utility issues at
1-877-742-5622 (toil free) from 8:00 a.m. to 5:00 p.m. weekdays,
or al www.pickocc.org.

Energy Assistance: Contact HEAP at 1-800-282-0880 (TDD/TTY 1-800-686-1557) Monday - Friday between 8:00 a.m. and 5:00 p.m.

ELECTRONIC CHECK CONVERSION - When you provide a check as payment, you authorize us to either use information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. Funds may be withdrawn from your account as soon as the same day we receive your payment and your check will not be returned from your financial institution. If you have questions about this program, or if you do not wish to participate, call 1-866-283-8081.

Our representatives can answer your questions, describe the charges on your bill, explain how to make sure your bill is correct, and provide information on rate schedules and energy efficiency.

To learn more about The Illuminating Company's customer services, visit our Web site at www.firstenergy.com.

Account Number: 11 00 26 9638 2 4

Invoice Number: 90391694190

Page 3 of 5

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THOMAS SPEHAR

Your current PRICE TO COMPARE for generation and transmission from The Illuminating Company is listed below. For you to save, a supplier's price must be lower. To obtain an "Apples to Apples" comparison of available competitive electric supplier offers, visit the PUCO web site at www.PUCO.ohio.gov.

Residential All Electric Load - 1410003679

1.8 cents per kWh

This is your last bill of the current budget season. The Amount Due on this bill is the amount that will bring your account balance to zero before the new budget season begins.

Starting next month, your Equal Payment Plan amount due will be \$172.00. During the budget season, this amount will be reviewed quarterly and adjusted if necessary.

Best wishes for a joyous holiday season from all of us at The Illuminating Company.

When contacting an Alternate Electric Supplier, please provide the customer numbers below.

Call The illuminating Company at 1-800-589-3101 with questions on these charges.

Basic Charges

Total Payments and Adjustments

Customer Number: 0801364074 1410003679 - Residential All Electric Load - CE-RS72F

Customer Charge
Delivery Charge
Transition Charge
Generation Related Component
Transmission Related Component

Total Charges \$ 179.62

Testimony of Avon Lake City Councilman – Public Utilities Chairman David Kos, 32901 Redwood Boulevard, Avon Lake, OH 44012; 440-930-7737; November 22, 2010

Members of the PUCO, first I would like to thank you for scheduling this hearing today in North Ridgeville. I am aware that this location was not on the initial meeting/site list. I thank you all for your consideration by adjusting your schedule and allowing all of us to be heard.

My name is David Kos. I am the Ward 4 City Councilman in Avon Lake. I also serve as the city's Public Utilities Committee Chairman. Over the last year, I have talked with dozens of Avon Lake residents who will be severely harmed should their all electric discount not be continued. The city of Avon Lake and our tax base relies heavily on our many neighborhoods and our residents. There are approximately 300 all electric homes in Avon Lake.

Of particular note is the neighborhood known as "The Landings". The overwhelming majority of the homes and small businesses in the Landings are all electric users. These folks have been First Energy's best and most loyal customers. However, last winter, when you all approved dropping the discounts, these residents and small business owners saw their costs jump from \$150-\$200 a month to in many cases, \$500-\$700 or more per month.

It is obscene and immoral to allow for that type of rate increase during this country's worst economic crisis since the Great Depression.

How many middle class homeowners and small business owners can survive such a drastic and extreme increase? I received calls from residents who literally were going to sleep with coats and gloves on because they could not afford to heat their homes. I received calls from stay at home mothers who worried how they could raise their small children during one of the cruelest and coldest winters in years. These residents were desperate. I will never forget the pain in their voices as they told me the shock and disbelief when they opened their electric bills.

I do however want to thank the PUCO and the Governor's office for recognizing the severity of the crisis last winter. You all did the right thing by basically reinstating the discounts through this winter as you study the situation. Thank you for that consideration. And please during your deliberations on the matter keep the following in mind:

These residents are trapped in their homes. Sure they can move, but who is going to buy their home? Would any of us buy a \$200K home that has \$800 electric bills? What about the small business owners, who will undoubtedly have to drastically raise prices on their products and then eventually go out of business? If this rate is not reinstituted, permanently, Avon Lake will suffer a major blow to our community. Foreclosers will rise, businesses will shutter. Property values surrounding these homes will plummet. We will have a gaping hole of a ghost town in the middle of the city.

Those that remain in their homes and somehow manage to pay the bills will see hundreds of dollars less to spend in the community. Our shops, restaurants, and small businesses will drastically feel the effect. With less income in the community the burden will shift to those residents of non all electric homes. The rest of us will feel the pinch as many more homes will become vacant, providing less money flowing through the community.

This situation does not just affect all electric homes. This affects all Avon Lake residents. This affects all Ohioans.

Regardless of who is to blame, whether its First Energy, the original contractors and builders, or the homeowners, we must not allow such a spike to happen again. I respectfully ask the PUCO to do honorable thing. I ask the PUCO to look beyond the initial issue of whether to discount or not, and see the potential calamity that would ensue if the discounts are permanently discontinued.

I urge to PUCO to look at the many elected state officials such as the Governor, our Congressional representatives, many State Senators and our State Representatives. But most of all listen to those of us on the front lines. Listen to the Mayors, the council members, who interact with these folks on a daily basis. We are pleading with you and urging you to do the right thing. The right thing is to extend the discount for these hardworking and honorable citizens. Please, do the right thing. Do the honorable thing.

Respectfully submitted,

David Kos

Avon Lake City Council

01/

Ward 4

Public Utilities Chairman

440-930-7737

My name is Rita Lockhart. I reside at 8724 Timber Edge Drive, N. Ridgeville, OH 44039, in Ridgefield, a 500 acre, 700 home all-electric planned development in Lorain County.

I was born and grew up here in Lorain County. I have degrees from Miami University and the University of Dayton. I worked in Hamilton and Montgomery Counties and at Wright-Patterson Air Force Base in Dayton before moving out of state. I have always been proud of my home state and wanted to move back here when we retired.

My husband and I moved to our present home, our retirement home, in February 2009 from out-of-state. Even though we have lived in California, Colorado, Louisiana, Texas, Wyoming and overseas, we never previously had an all-electric home. After discovering that our desired home was all-electric and before making an offer on this home, we did what most diligent and prudent buyers of the most expensive investment of their lives would do-we requested a detailed accounting of the cost of electricity at this home.

Attached is a copy of a Detailed Statement of Account prepared by Ohio Edison for the former owner of our home for the period 4/10/07 to 4/08/08. Also attached is an e-mail from the realtor for the sellers of this house to our realtor listing the amount of electric bills for the months of September, October, and November 2008. None of these bills exceeded \$300.00/month and most were far less than that amount. We were not told and the statement prepared by Ohio Edison did not indicate that this statement reflected an all-electric discount rate which Ohio Edison and First Energy had unilaterally and arbitrarily discontinued and that we as new buyers would not receive this all-electric discount rate.

We were shocked to receive a bill for the period December 4, 2009 to January 4, 2010 in the amount of \$571.76--almost double any previous bill, and more than double the average of previous bills, but for comparable or lesser usage of electricity. See attached copy.

To summarize:

ALL-ELECTRIC DISCOUNT RATE

12/07-1/08	4,095 Kwh used	Cost\$227.70
1/08-2/08	4,552 Kwh used	Cost\$262.66
2/08-3/08	5,303 Kwh used	Cost\$298.47
NON ALL-ELECTF	IIC RATE	
12/04/09- 1/04/10	4,787 Kwh	Cost\$571.76

We are retired. This is our retirement home. On a fixed income, we are unable to pay these rates. We would not have purchased this home if we had known that the electric provider had discontinued the all-electric discount rate, that we would not receive an all-electric discount rate, and that the cost to operate this home would be extraordinarily high.

In May, the all-electric discount rate on this previously discounted rate home was temporarily re-instated for eleven (11) days. We understand that we will continue to receive this discounted rate this winter through May 2011. However, we need to continue to receive this discounted rate.

There is no alternative source of heat in most of this 700 unit planned development. There are no gas lines. Even if gas lines are installed, my home and the homes of my neighbors do not have furnaces and hot water tanks compatible with gas. The cost to install compatible gas equipment will easily exceed \$10,000 per home.

We have investigated adding solar panels to our home. The cost is high and benefit is estimated at only providing a minor reduction in our energy costs. Northern Ohio with cloudy skies and winter snows is not an ideal location for extensive solar use.

In the 70s, Ohio Edison, a subsidiary of First Energy, wanted to compete with natural gas and sell more electricity in the winter so they induced builders to build all-electric homes by paying them financial incentives to build all-electric. Builders were required to install certain electric energy using systems like 80 gallon water tanks and electric heat pumps. In exchange, home buyers were given an all-electric discount rate. A contract was formed. Benefits flowed to both parties--the electric company and the all-electric homeowner. The electric company sold more electricity and all-electric homeowners received a discounted rate.

Now, First Energy has the ability to sell its excess electricity out-of-state, so they no longer find it advantageous to continue the all-electric discount rate. Builders built all-electric homes and homeowners bought all-electric homes based upon the concept of a mutually beneficial contract. Ohio Edison, First Energy, and the Illuminating Company now want to unilaterally break their contract by discontinuing the all-electric discount.

My husband and I would not have bought this property had we known that we would have such high utility bills, because the home is all-electric. Likewise, current owners of all-electric properties will not be able to sell those properties for their fair market value, when buyers can buy a comparable gas heated home with reasonable utility bills. Property values on our all-electric homes will drop, perhaps 30-40%. This loss in property value will significantly lower the tax revenue base in our communities and on a state level. Thus, revenues for public services and schools will drop significantly. In these tough financial times, we need to do everything possible to keep utility costs down and home prices stable so Ohioans can prosper.

The all-electric rate needs to be PERMANENTLY reinstated and run with the property (be passed to future owners of these properties).

Thomas Alva Edison, a native son of Northern Ohio, was one of America's greatest inventors obtaining 1,093 patents during his lifetime. We all know that Thomas Edison invented the lightbulb. He also designed and built factories that made many of his products, including plants to produce electricity. Because of Thomas Edison we have heat, light, and power. But Ohio Edison, a namesake company, is attempting to leave me sitting in the dark and the cold.

Account Number:



DETAILED STATEMENT OF ACCOUNT

FRANK SWIDERSKY Customer Name:

Sarvice Address:

8724 TIMBER EDGE DR NORTH RIDGEVILE OH 44039

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Branda & David

Good Afternoon Dave,

I've spoken with the Selter and he is going to be calling Ohio Edison to see about getting an updated Detailed Statement of Account' from April 2008 up to the present time. I'm told it took a couple of days for them to get the initial statement so I don't know how long it will take to get this updated one. In the mean time, the Seller provided me with the last 3 bills he has, covering the September, October and November usage...those bills were \$86.44, \$108.43 and \$180.84. Please remember that there is only one person living there right now so I don't know if this information helps your Buyers or not. The original statement provided was covering usage for 3 adults...one being a teenager with a couple of loads of laundry and running the dishwasher every day.

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Wakeman Realtors

Very good. I hope this helps! Please don't hesitate to call with any other questions.

Respectfully,

Brenda Wakeman RE/MAX Classic 440-212-5008 Cell 440-793-2035 Fax MM M.W. gl. synanysalkom.com

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EXHIBIT
2



Account Number: 11 00 63 5510 5 2

Bill for: RITA LOCKHART 8724 TIMBER EDGE DR **NORTH RIDGEVILLE OH 44039**

Billing Period: Dec 04 to Jan 04, 2010 for 32 days

Next Reading Date: On or about Feb 01, 2010 Bill Based On: **Actual Meter Reading**

Residential Service

MATTER CONTRACTOR	(1) 10 mm (1) 1	WOLLSTED BY THE
Your previous hill was	249.44	
Total payments/adjustments	-249.44	
Balance at billing on January 05, 2010	0.00	0.00
Current Basic Charges		
Ohio Edison - Consumption		\$71.76
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To avoid a 1.50% Late Payment Charge being added to your bill, please pay by the due date.

TO THE PARTY OF

Bill issued by: Ohio Edison PO Box 3637

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Akron OH 44309-3637

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Customer Service

24-Hour Emergency/Outage Reporting **Payment Options**

1-800-633-4766 1-888-544-4877 1-800-686-3421

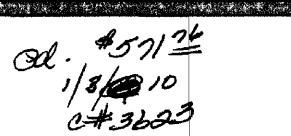
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Your current PRICE TO COMPARE for generation and transmission from Ohio Edison is listed below. For you to save, a supplier's price must be lower. To obtain an "Apples to Apples" comparison of available competitive electric supplier offers, visit the PUCO web site at www.PUCO.ohio.gov.

Residential Service - 0001526495

6.51 cents per kWh





Invoice Number: 90711964085

When contacting a Certified Retail Electric Service Provider, please provide the customer numbers below.

Call Ohio Edison at 1-800-633-4766 with questions on these charges.

Basic Charges

Customer Number: 0802259286 0001526495 - Residential Service - OE-RSF

Customer Charge 4.00 Distribution Related Component 252.77 3.26 Cost Recovery Charges Bypassable Generation and Transmission Related Component 311.73

\$ 571.76 Total Charges

Date	Reference	Amount	
Payments: 12/10/09		-249.44	
Total Payments			-249.44
Total Payments and Adjustment	3		-\$249.44

Booldon Hal Condon	
Residential Service	
Moter Number	681702 44 9
Present KWH Reading (Actual)	35,562
Previous KWH Reading (Actual)	30,775
Kilowatt Hours Used	4,787

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Jun	09	348	Dec	09	2,140
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FAST FACTS ON OUR DISCOUNT FLECTRIC RATES

WHY WE OFFER DIFFERENT RATES

- ~You might think that all residential customers in The Illuminating Company's service area receive the same basic rate each month, no matter how much electricity they use. This is not necessarily true.
- ~Customers can be placed on a "standard" residential rate or be placed on one of several "discount" rates depending upon:
 - ** How they heat and cool their home
 - ** How they heat the water in their home
 - * How and when they use their electricity

Residential customers use about 500 kilowatthours per month. The more electric appliances you add to your home, the higher the monthly use of electricity.

Basically, customers who use electricity in a higher-than-average volume can get electricity at a less expensive kilowatthour rate. Unlike many commercial products, electricity can't be stored for later use. It is produced on demand. The excess power that we generate can be sold at a lower price. So the more electricity you use, the less your cost will be for each kilowatthour.

The Public Utilities Commission of Ohio approves the rates that The Illuminating Company offers to our customers. The following is an explanation of our discount rate schedule.

YOU MAY QUALIFY FOR A DISCOUNT RATE

- WATER HEATING: This discount rate applies to any home that has an electric water heater as the sole source of water heating. Customers can receive significant savings on their total monthly energy bills by using an electric water heater discount rate.
- There are a few requirements to qualify for this discount. The electric water heater must be 40 gallons or higher capacity, insulated to R-10 or higher and be warranted for at least five years. This rate represents on average an 18% discount compared to the standard residential rate.

SPACE HEATING: You qualify for this discount rate when the sole heating source of your home is electric. This could be an electric furnace, heat pump, baseboard, electric boiler or radiant panels.

Again, you're saving on your total monthly energy bills because you're getting electricity at a discount rate over using fossil fuel, like gas, oil or propane to heat your home. This space heating rate is in effect between October 1 and May 31.

- ALL-ELECTRIC: Customers are placed on this <u>year-round rate</u> when the sole source of space heating and water heating is electric. This rate combines the winter discount of the space heating rate with the summer discount of the water heating rate.
- Once again, you save money since you're getting electricity at a discount rate rather than using gas, oil or propane to heat your home and water. And because of the summer discount, cooling costs are also less.
- HEAT & COOL PUMP: You'll receive a significant discount on your cooling and heating when you install the Heat & Cool Pump onto a gas, oil or propane furnace. A separate electric meter records only the electricity used by the Heat & Cool Pump. This usage is then billed to you at a discount rate—in the summer for cooling; in the spring/winter and fall for heating.

Although not as attractive as the all-electric rate, the Heat & Cool Pump rate will save you money compared to using regular central air for cooling and gas, oil or propane for heating.

LOAD MANAGEMENT OPTION: If you're using more than 750 kilowatthours per month, you can save money with our Load Management Option. One option allows you to lower your kilowatthour cost by spreading the use of major electric appliances throughout the day rather than operating them all at the same time. The other option offers lower rates if you operate most of your appliances evenings or weekends.

The Load Management Option can be used in conjunction with any of the above discount rates except for the Heat & Cool Pump rate. Using Load Management plus a special discount rate, you can see substantial reductions in your monthly electric bill.

The Illuminating Company has a special brochure about Load Management. Call us at 1-800-589-2222 if you want this free brochure or have questions about our discount rates.

The Illuminating Company

The Energy Makers.

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DATE March 11, 1995

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CLASSIC SECTIONAL STANDARD FEATURES

INTERIOR

Painted Drywall Throughout
Vaulted Ceiling Throughout
Continental III Drape Package
"NP" Jute Backed Carpet with Pad — Living Room, Dining
Room, Family Room, Hall, All Bedrooms and #1 Bath
Tiled Entry Foyer
Residential Ceiling Throughout
7-1/2' Ceiling Height at Sidewall
Metal Passage Door Knobs
#177 Hanging Dinette Light
Glass Light Shades
Residential Door Casing

KITCHEN

Raised Panel Maple Cabinet Doors and Drawers
Solid Maple Cabinet Stiles
Finished Overhead Cabinets with Backs
Deluxe Brass Cabinet Pulls
Deluxe Roller Guide Drawer System
Refrigerator Overhead Cabinet
Spice Rack
Center and Bottom Shelves — All Cabinets
Eating Bar — Most Models
Deep Stainless Steel Kitchen Sink
Light over Sink with Separate Switch
High Pressure Laminated Countertops
Deluxe (20 mil) Double Wear Layer Vinyl Floor Covering
Brass Crown Moulding — Kitchen Overhead Cabinets
Recept with Ground Fault Interrupter

APPLIANCES

Standard 30" Free Standing Gas Range Power Range Hood with Light

14.4 Cu. Ft. 2-Door Refrigerator Atmospheric Gas Furnace Ventilaire IV Ventilation System

BATHS

One-Piece Fiberglass Tub/Shower #1 Bath (Deluxe Tub with Separate Shower Selected Models)
One-Piece Fiberglass Tub/Shower — #2 Bath
Shower Curtain and Rod — All Full Baths
Bath Window Drape
Mirror over Vanity
Floor to Ceiling Linen Cabinet — Most Models #1 Bath
Bottom Shelf in Bath Vanity
Porcelain Stool, Tank and Lid
Receptacle with Ground Fault Interrupter
Ceiling Fan — All Baths
White Bath Cabinets

BEDROOMS

Color Coordinated Drapes
Family Styled Wardrobes with Vented Wire Shelving
Ceiling Lights — All Bedrooms
Smoke Detector in Sleeping Areas
Egress Window — Each Bedroom
Switch Light in Walk-in Wardrobes

UTILITIES

Utility Room with Washer/Dryer Area and Freezer Space — Most Models

100 AMP Breaker Entrance Service with Conduit through Floor

Gas Black Piping with Valve at Furnace and Range
Beauty Ring Seals — All Plumbing Lines
Copper Plumbing Fittings
Copper Wiring Throughout — Fully Grounded
Class "A" Lined Furnace and Water Heater Closet
Wire and Plumb for Washer
Wire and Vent for Dryer

INSULATION

Fiberglass Insulated Heat Duct
(Saves up to 18% Energy Costs)
*R-25 Blown Ceiling Insulation with Vapor Barrier
*R-19 Fiberglass Insulation in Walls
*R-19 Fiberglass Insulation in Floors

EXTERIOR

House Type Front and Rear Door with Storm Porch Lights at all Exterior Doors 10" Side and 12" End Overhangs Vinyl Lap Siding with Structural Sheathing 10" Shutters Front and Door Side Carefree Low E Windows Metal Drip Edge — Entire House Exterior Receptacle with Ground Fault Interrupter

CONSTRUCTION

Basement Type Steel I-Beam Frame Detachable Hitch 2"x6" Floor Joist 16" O.C. 2"x6" Sidewall Studs 16" O.C. 42" Truss Type Rafters Self-Sealing Shingles HUD Seaf

WABNING: FLOOR PLANS, SKETCHES, AND DRAWINGS AS SHOWN ARE PROMOTIONAL ILLUSTRATIONS AND ALL DIMENSIONS ARE APPROXIMATE. EXACT MEASUREMENTS FROM WORKING DRAWINGS ARE AVAILABLE UPON REQUEST FOR VERIFICATION OF ROOM SIZES, STANDARD OR OPTIONAL FEATURES, AND OTHER PRECISE DETERMINATIONS. FOUNDATION DRAWINGS MUST CONFORM TO SPECIFIC MODELS AND ARE AVAILABLE ON REQUEST. PORCH AREAS MUST BE OUTSIDE THE BASEMENT PERIMETER AND PROPER DRAINAGE AND AIR CIRCULATION MUST BE MAINTAINED UNDER ALL PORCH AREAS. FOR SPECIFIC DETAILS SEE YOUR HOUSING CONSULTANT.

SPECIFICATIONS AND MATERIALS VARY BY SERIES, AND ARE SUBJECT TO CHANGE WITHOUT NOTICE DUE TO AN ONGOING PRODUCT IMPROVEMENT PROGRAM — SEE YOUR HOUSING CONSULTANT TO VERIFY STANDARD EQUIPMENT OF SPECIFIC MODELS.

BAY WINDOWS AND PORCH WALLS ARE BUILT WITH 2x4 FRAMING WHEN 6" SIDEWALLS ARE SPECIFIED.

CERTAIN COMPONENTS OF THE RUNNING GEAR MAY BE RECYCLED.

SCHULT HOMES CORPORATION - P.O. BOX 151 - MIDDLEBURY, INDIANA 46540 - PHONE (219) 825-5881

^{*} The higher the R-value, the greater the insulating power.

11/22/2010

Linda Jankura 21325 Timber Oak Court Strongsville, Ohio 44149 (440) 572-0958 telephone (440) 884-5021 Fax

The Public Utilities Commission of Ohio Testimony For Case Number 10-176-EL-ATA

Good Evening;

Thank you for allowing me to speak here tonight and thank you even more for making the decision to reconsider this issue again in greater detail. My husband has been very active testifying on this subject both in Columbus and at several meetings in our home town of Strongsville. I have attended some of these meetings with him and listened to concerned parties speak about their individual situations as they pertain to FirstEnergy's attempted elimination of the all-electric discount rate.

First, let me state that my individual electric bills have more than doubled when our promised all-electric discount rate was taken away with our highest bill nearly reaching \$800.00. Let me also state that in building our current all electric home, that we have lived in for 20 plus years, both the builder and our electric company representatives assured us that our new home would receive their special all-electric discount rate as had our prior three all-electric homes. They also assured us that our rates would be comparable to and most likely become less than the combination gas/electric homes as the supply of natural gas diminishes. It was never even intimated by them that this discount could ever be taken away at any point in the future.

My husband and I own an optical business which has been operating for fifty plus years. In that time we have seen many changes brought about by government concern for protecting the interests of our customers and its citizens. Please bear with me while I make a correlation between our business and the issue we face here tonight. I would like to read to you a small section from the Advanced Beneficiary Notice that our company as well as other optical retailers are required to provide to anyone receiving glasses, after cataract surgery that will be submitted to Medicare for payment. I quote! "Medicare probably will not pay the following: (We must list each individual item with its cost). Medicare only pays for services it deems "reasonable and necessary". If Medicare determines that a service is not "reasonable and necessary" under Medicare program standards, Medicare will deny payment. Medicare is likely to deny payment for the above listed items as not reasonable and necessary. The purpose of this form is to help you make an informed choice about whether or not you want to receive these items or services, knowing that you might have to pay for them yourself. Before you make a decision about your options, you should read this entire notice carefully." I will stop quoting the form here as it goes on in much greater length and in much greater detail saying the same things over and over again. This form must be generated for, read with or to, checked in appropriate places and signed by, copied and given to every person purchasing glasses under the Medicare program. In addition we have to keep a copy in our records for proof of its existence. If a patient wants a simple tint

added to their glasses costing \$15.00, the government requires this extensive notification be given to avoid any unexpected financial outcome to its enrollees. Similar types of required disclosures and notifications are required throughout many other areas of the business community today. It is obvious that our government wants business today to go to great lengths to inform their customers to the various risks involved with the purchase of a product or service and clearly places that burden to inform on the supplier.

I ask you one simple rhetorical question here tonight. Where was our electric company's disclosure notice (either written or verbal) to us warning of the potential pitfalls of building an all-electric home? Where FirstEnergy's form was whose purpose was to help us make an informed choice about whether or not we wanted to receive their items or services, knowing that in the future we may be paying double for such services as our promised discounts were yanked out from under us? I have listened to you ask us to provide written documents promising the all-electric discount rate to us was forever and I understand that such a document was entered into evidence at the Strongsville hearing. What I haven't heard is you asking FirstEnergy for their written disclosure documents showing us being told by them that our promised discount was not forever? If the government requires such a complete disclosure by suppliers over a tint in a pair of glasses, should we not have expected at the time of building our homes a disclosure that this special discount could be taken away from us at any time? Did not our energy supplier have a similar burden of disclosure to help us make an informed choice? After all, a pair of glasses cost a couple hundred dollars, the elimination of our all-electric discount rate will cost us thousands of dollars in increased utility bills and hundreds of thousands of dollars in decreased home values and tax revenue to our cities. I imagine that no such documents exist or ever existed. Why Not? When promised the all-electric discount rate in exchange for building all-electric homes, it was never the intention of our energy company to take those discounts away. I repeat it was never their intention so no such disclosures to us were necessary or given either written or verbal. The alternative possible explanation for absence of disclosure documents, finds our energy company at best practicing bait and switch tactics or if their non-disclosure was intentional, possibly outright illegal in their practices.

There is not a doubt in my mind that I and the others here tonight had an implied contract, a promise, a forty year long contract and promise, with our electric company that was to last as long as the homes we built lasted. The Public Utilities Commission of Ohio needs to set this situation right. Our largest retirement asset needs to be safeguarded and restored by your decision to permanently reinstate the all-electric discount rate forever. Further this rate needs to be tied to the homes that we have made all-electric and the cost of the reinstatement of this discount rate born by FirstEnergy and not it's other non all-electric customers. We call upon The Public Utilities Commission of Ohio to make FirstEnergy live up to their original promises.

Thank You

CASE # 10176 ELTEA

My name is Jane Pfaff. I live at 33125 Tanager Ct. in Bob Schmitt's development of Ridgefield in North Ridgeville. We built our all-electric home and moved in in August of 2005. There was only one option of electricity at that time. We built with the understanding from Schmitt builders that electric heat with the discount would be available while we lived in our home, and when we would sell it.

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My husband of 22 years died unexpectedly April 30, of this year. Though he had a legal Will & Trust, his family of five children chose to sue me. It is still not completely resolved and I have had no income except Soc. Security since his death. I did not use my AC this summer and I am very selective about using heat thus far this Fall. But Winter is coming.

I am terrified that if the AE discount is not reinstated I will be forced to choose which bills I will be able to pay, because my electric bill will be so high.

I strongly ask that the PUCO reinstate the AE discount, and ensure that this discount pass onto the person to whom I sell my home.

Thank you for your attention.

My name is Rita Lockhart. I reside at 8724 Timber Edge Drive, N. Ridgeville, OH 44039, in Ridgefield, a 500 acre, 700 home all-electric planned development in Lorain County.

¥3

I was born and grew up here in Lorain County. I have degrees from Miami University and the University of Dayton. I worked in Hamilton and Montgomery Counties and at Wright-Patterson Air Force Base in Dayton before moving out of state. I have always been proud of my home state and wanted to move back here when we retired.

My husband and I moved to our present home, our retirement home, in February 2009 from out-of-state. Even though we have lived in California, Colorado, Louisiana, Texas, Wyoming and overseas, we never previously had an all-electric home. After discovering that our desired home was all-electric and before making an offer on this home, we did what most diligent and prudent buyers of the most expensive investment of their lives would do-we requested a detailed accounting of the cost of electricity at this home.

Attached is a copy of a Detailed Statement of Account prepared by Ohio Edison for the former owner of our home for the period 4/10/07 to 4/08/08. Also attached is an e-mail from the realtor for the sellers of this house to our realtor listing the amount of electric bills for the months of September, October, and November 2008. None of these bills exceeded \$300.00/month and most were far less than that amount. We were not told and the statement prepared by Ohio Edison did not indicate that this statement reflected an all-electric discount rate which Ohio Edison and First Energy had unilaterally and arbitrarily discontinued and that we as new buyers would not receive this all-electric discount rate.

We were shocked to receive a bill for the period December 4, 2009 to January 4, 2010 in the amount of \$571.76--almost double any previous bill, and more than double the average of previous bills, but for comparable or lesser usage of electricity. See attached copy.

To summarize:

ALL-ELECTRIC DISCOUNT RATE

12/07-1/08	4,095 Kwh used	Cost\$227.70
1/08-2/08	4,552 Kwh used	Cost\$262.66
2/08-3/08	5,303 Kwh used	Cost\$298.47
NON ALL-ELECTRI	C RATE	
12/04/09- 1/04/10	4,787 Kwh	Cost\$571.76

We are retired. This is our retirement home. On a fixed income, we are unable to pay these rates. We would not have purchased this home if we had known that the electric provider had discontinued the all-electric discount rate, that we would not receive an all-electric discount rate, and that the cost to operate this home would be extraordinarily high.

In May, the all-electric discount rate on this previously discounted rate home was temporarily re-instated for eleven (11) days. We understand that we will continue to receive this discounted rate this winter through May 2011. However, we need to continue to receive this discounted rate.

There is no alternative source of heat in most of this 700 unit planned development. There are no gas lines. Even if gas lines are installed, my home and the homes of my neighbors do not have furnaces and hot water tanks compatible with gas. The cost to install compatible gas equipment will easily exceed \$10,000 per home.

We have investigated adding solar panels to our home. The cost is high and benefit is estimated at only providing a minor reduction in our energy costs. Northern Ohio with cloudy skies and winter snows is not an ideal location for extensive solar use.

In the 70s, Ohio Edison, a subsidiary of First Energy, wanted to compete with natural gas and sell more electricity in the winter so they induced builders to build all-electric homes by paying them financial incentives to build all-electric. Builders were required to install certain electric energy using systems like 80 gallon water tanks and electric heat pumps. In exchange, home buyers were given an all-electric discount rate. A contract was formed. Benefits flowed to both parties--the electric company and the all-electric homeowner. The electric company sold more electricity and all-electric homeowners received a discounted rate.

Now, First Energy has the ability to sell its excess electricity out-of-state, so they no longer find it advantageous to continue the all-electric discount rate. Builders built all-electric homes and homeowners bought all-electric homes based upon the concept of a mutually beneficial contract. Ohio Edison, First Energy, and the Illuminating Company now want to unilaterally break their contract by discontinuing the all-electric discount.

My husband and I would not have bought this property had we known that we would have such high utility bills, because the home is all-electric. Likewise, current owners of all-electric properties will not be able to sell those properties for their fair market value, when buyers can buy a comparable gas heated home with reasonable utility bills. Property values on our all-electric homes will drop, perhaps 30-40%. This loss in property value will significantly lower the tax revenue base in our communities and on a state level. Thus, revenues for public services and schools will drop significantly. In these tough financial times, we need to do everything possible to keep utility costs down and home prices stable so Ohioans can prosper.

The all-electric rate needs to be PERMANENTLY reinstated and run with the property (be passed to future owners of these properties).

Thomas Alva Edison, a native son of Northern Ohio, was one of America's greatest inventors obtaining 1,093 patents during his lifetime. We all know that Thomas Edison invented the lightbulb. He also designed and built factories that made many of his products, including plants to produce electricity. Because of Thomas Edison we have heat, light, and power. But Ohio Edison, a namesake company, is attempting to leave me sitting in the dark and the cold.



DETAILED STATEMENT OF ACCOUNT

Customer Name:

Sarvice Address:

FRANK SWIDERSKY

Account Number:

8724 THABER EDGE DR. NORTH REDGEVILLE OH 44039

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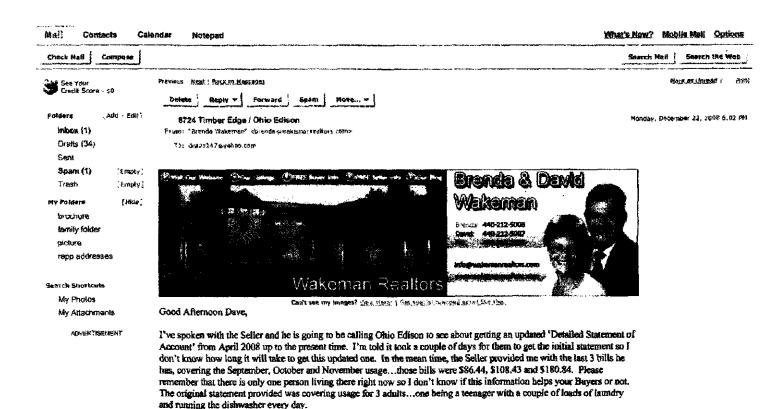
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Sign for A. Haw Plan (190)

Search

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Very good. I hope this helps! Please don't hesitate to call with any other questions.

Respectfully,

Brenda Wakeman RE/MAX Classic 440-212-5008 Cell 440-793-2035 Fax Experimentalionassin



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January 05, 2010

Account Number: 11 00 63 5510 5 2

Page 1 of 3 E05

BIII for: RITA LOCKHART

8724 TIMBER EDGE DR

NORTH RIDGEVILLE OH 44039

Billing Period:

Dec 04 to Jan 04, 2010 for 32 days

Bill Based On:

Next Reading Date: On or about Feb 01, 2010 **Actual Meter Reading**

Residential Service

Mark Mark Clark (Mark)	A CONTRACTOR OF THE PROPERTY O
Your previous bill was	249.44
Total payments/adjustments	-249.44
Balance at billing on January 05, 2010	0.00
Current Basic Charges	
Ohio Edison - Consumption	571.76
COLD THE BY SAIL S. 2010. HE SEE LEY THE MINOR.	31.16
	ration and the contract of the second

To avoid a 1.50% Late Payment Charge being added to your bill, please pay by the due date.

TOWNS TO SERVE

Bill issued by: Ohio Edison PO Box 3637 Akron OH 44309-3637

STATE OF THE STATE

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Customer Service 24-Hour Emergency/Outage Reporting

1-800-633-4766 1-888-544-4877

Payment Options

1-800-686-3421

visit us on-line at www.firstenergycorp.com

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Your current PRICE TO COMPARE for generation and transmission from Ohio Edison is listed below. For you to save, a supplier's price must be lower. To obtain an "Apples to Apples" comparison of available competitive electric supplier offers, visit the PUCO wab site at www.PUCO.ohio.gov.

Residential Service - 0001526495

6,51 cents per kWh THE PARTY WERE STREET

Od. \$57/26 1/8/00 10 C#3123

RITA LOCKHART Invoice Number: 90711964085

When contacting a Certified Retail Electric Service Provider, please provide the customer numbers below. Call Ohio Edison at 1-800-633-4766 with questions on these charges.

Basic Charges

Customer Number: 0802259286 0001526495 - Residential Service - OE-RSF

Customer Charge	4.00
Distribution Related Component	252.77
Cost Recovery Charges	3.26
Bypassable Generation and Transmission Related Component	311.73

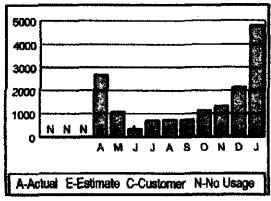
\$ 571.76 **Total Charges**

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Date	Reference	Amount
Payments: 12/10/09		-249.44
Total Payments		249.44
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HOKE THE WAR STATE OF THE STATE OF Residential Service

the Att of Att and	
Meter Number	681702449
Present KWH Reading (Actual)	35,562
Previous KWH Reading (Actual)	30,775
Kilowatt Hours Lised	4.787

APPAIRSON TARREST AND THE NAME OF STAFF **Usage Comparison**



COMMISSION PROPERTY OF THE PROPERTY OF THE PARTY OF THE P Historical Usage Information

THE PARTY OF THE P

Арг	09	2,662	Oct () 9	1,139
May	09	1,084	Nov ()9	1,312
Jun	09	348	Dec ()9	2,140
Jul	09	711	Jan 1	10	4,787
Aug	09	752			
Sep	09	757			

Jan 10 150 27 32 15.692 1,569

Average Daily Use (KWH) Average Daily Temperature	
Days in Billing Period Last 10 Months Use (KWH)	
Average Monthly Use (KWH)	

10-176 EL ATA

Public Hearing PUCO at North Ridgeville on 11/22/2010

Testimony of: Edward J. Bueche / 32362 Birchwood Lane / Avon Lake / Ohio / 44012

My wife and I live in an all-electric home in Avon Lake which we purchased in 1986. It is our position that the all-electric home discount rates were wrongly discontinued and should be permanently reinstated using the rate pattern in use through 2008.

Our home was built by Bucky Kopf in 1983 as part of the Green Point Development. We were shown our future home by a realtor in 1986. On learning that this was an all-electric home I immediately stated that I would not buy it due to the expense of electricity. The realtor countered that this was one of many all-electric homes in the area and that the electric company had encouraged developers to build all-electric homes and guaranteed their sale, to people like me, with discounted rates. I asked to see the last years electric bills and questioned how long the discounts would last. She advised that they went with the home, permanently.

I then questioned my work associates about these purported discounted rates. They allayed my concerns, asserting that the realter was correct, the discounted rates were forever for an all-electric home.

This, coupled with my experience as a supplier to the power generation industry, made sense to me. The electric company was faced with large financial losses due to their building generation capacity to handle summer loads which resulted in excess capacity during the winter. The discounted all-electric home rate program created a market for this excess capacity allowing them to profit by selling this excess power at a reduced rate. Thus we purchased the home.

In January 2010, we received an electric bill so outrageous that I immediately went to my computer database to view the history.

This bill was the highest we ever received, \$572 for 5,820 kilowatt-hours. We experienced a similar usage of 5,816 kilowatt-hours for March 2007 with a billing of \$274. The January 2010 billing was more than double the March 2007 billing for the same kilowatt-hours!

This was followed by February's billing of \$388 and March's billing of \$441. The attached table displays the top 50 electric bills for our home since 1988. January, February and March 2010 are the top three and total to \$1400, \$673 more than January, February and March 2009 and \$730 more than January, February and March 2008.

The November 11, 2010 edition of the Plain Dealer contained two articles concerning the all-electric rates. One quoted First Energy as saying the program cost them about 80 million dollars per year. The other stated roughly 361 thousand homes were electrically heated. Therefore the program cost First Energy roughly \$222 per electrically heated home per year. We paid for First Energy's "losses" for three all-electric homes and still had six more months of the winter rate increase to endure.

Does anyone think that First Energy's predecessors would enact a program that would cost them money. Absolutely not! In the 60's and 70's the power companies built generation capacity to take advantage of the increased demand of the air conditioning boom. This created a major problem for them in the winter months. Shutting down a generator or worse an entire plant or plants is expensive. Restarting shut down facilities is equally expensive. I'm sure the power companies studied their options and came to the conclusion that a program

Public Hearing PUCO at North Ridgeville on 11/22/2010

Testimony of: Edward J. Bueche / 32362 Birchwood Lane / Avon Lake / Ohio / 44012

that created demand for their product during the winter months would be profitable to their companies.

Obviously it was a money maker as evidenced by its endorsement by power companies across the nation. And it made electric power less expensive for every customer as the shut down / start up costs were avoided and not passed on. I am tired of hearing about the inequity of the discounted all-electric rates on non all-electric residential customers. It hasn't cost them money, it has saved them money and made money for the power company.

Our home has no duct work, no gas feed and no location suitable for a furnace. In discussing this problem with our local councilwoman she provided me with a contact for an EPRI sponsored program to evaluate Ductless Heat Pumps. I made the contact, filled out the applications and was accepted for an on-site evaluation of my home. On inspection, the representative concluded that while he would personally like to include our home in the study, he wanted to check our building codes and discuss his findings with his contractors. Their final decision was that our home was not an appropriate candidate for DHP as extensive modifications to our home would be required (such as, filtered cold air returns in all of our upstairs bedrooms). I questioned the inspector as to what he would do if he were me. He responded that I should continue fighting for reinstatement of the permanent all-electric home discount rates.

My son is currently looking for a new home. He will not consider the purchase of an all-electric home! I do not believe he is in the minority. Absent the all-electric discounted rates, my home will become a major liability to me and our community. I know it will not sell for its assessed value. I anticipate that all-electric property values will be devalued, which will cause our communities, schools and public services to be under funded, which will result in higher property tax rates. The tax revenues lost from the devaluation of all-electric homes will be recovered with increased tax dollars paid by the non all-electric home owners.

It has been testified previously that First Energy and its predecessors paid contractors to build all-electric homes with copies of checks to prove it. I know that I would not have purchased my home without assurance that the discount went with the home. I believe that First Energy's predecessor, in my case the Illuminating Company, did guarantee the discounted rates for all-electric homes forever and that First Energy's actions constitute a breach of contract.

The PUCO has an obligation to reassess their previous acceptance of First Energy's rate increase and reinstate and make permanent the all-electric "discount" using the power companies previously established declining rate schedules. Do not allow First Energy to pass any discount effects back to other consumers. Make First Energy absorb the costs of their commitments instead of buying more power companies with their excess profits.

TOP 50 ELECTRIC BILLS

32362 BIRCHWOOD LANE / AVON LAKE

	Month Received	Amount
1	Jan-10	\$571.71
2	Mar-10	\$44 0.52
3	Feb-10	\$387.72
4	Jan-97	\$286.44
5	Маг-07	\$273.65
6	Feb-97	\$267.11
7	Jan-94	\$259.26
8	Feb-87	\$258.99
9	Jan-88	\$257.82
10	Feb-09	\$254.43
11	Mar-08	\$248.91
12	Jan-90	\$240.55
13	Jan-09	\$237.78
14	Jun-88	\$237.17
15	Feb-88	\$235.38
16	Jan-99	\$235.34
17	Mar-09	\$234.71
18	Feb-03	\$231.16
19	Jan-93	\$230.88
20	Feb-04	\$230.08
21	Jan-87	\$228.58
22	Jan-96	\$228.17
23	Feb-00	\$225.40
24	Jan-04	\$224.34
25	Dec-96	\$220.19

	Month Received	Amount
26	Feb-95	\$219.93
27	Jan-01	\$219.58
28	Mar-97	\$219.23
29	Jan-91	\$218.36
30	Feb-08	\$216.74
31	Jan-92	\$216.61
32	Jun-89	\$212.07
33	Jan-03	\$211.78
34	Jan-00	\$211.61
35	Jan-05	\$210.52
36	Feb-96	\$210.23
37	Feb-93	\$210.18
38	Jan-02	\$209.93
39	Dec-86	\$209.55
40	Mar-91	\$209.37
41	Jan-95	\$207.06
42	Dec-08	\$206.85
43	Mar-96	\$205.35
44	Jan-08	\$204.61
45	Mar-87	\$204.27
46	Feb-92	\$204.06
47	Feb-91	\$203.57
48	Mar-93	\$203.52
49	Jan-06	\$201.87
50	Feb-05	\$201.30

10-176 EL ATA

Public Hearing PUCO at North Ridgeville on 11/22/2010

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This, coupled with my experience as a supplier to the power generation industry, made sense to me. The electric company was faced with large financial losses due to their building generation capacity to handle summer loads which resulted in excess capacity during the winter. The discounted all-electric home rate program created a market for this excess capacity allowing them to profit by selling this excess power at a reduced rate. Thus we purchased the home.

In January 2010, we received an electric bill so outrageous that I immediately went to my computer database to view the history.

This bill was the highest we ever received, \$572 for 5,820 kilowatt-hours. We experienced a similar usage of 5,816 kilowatt-hours for March 2007 with a billing of \$274. The January 2010 billing was more than double the March 2007 billing for the same kilowatt-hours!

This was followed by February's billing of \$388 and March's billing of \$441. The attached table displays the top 50 electric bills for our home since 1986. January, February and March 2010 are the top three and total to \$1400, \$673 more than January, February and March 2009 and \$730 more than January, February and March 2008.

The November 11, 2010 edition of the Plain Dealer contained two articles concerning the all-electric rates. One quoted First Energy as saying the program cost them about 80 million dollars per year. The other stated roughly 361 thousand homes were electrically heated. Therefore the program cost First Energy roughly \$222 per electrically heated home per year. We paid for First Energy's "losses" for three all-electric homes and still had six more months of the winter rate increase to endure.

Does anyone think that First Energy's predecessors would enact a program that would cost them money. Absolutely not! In the 60's and 70's the power companies built generation capacity to take advantage of the increased demand of the air conditioning boom. This created a major problem for them in the winter months. Shutting down a generator or worse an entire plant or plants is expensive. Restarting shut down facilities is equally expensive. I'm sure the power companies studied their options and came to the conclusion that a program

Public Hearing PUCO at North Ridgeville on 11/22/2010

Testimony of: Edward J. Bueche / 32362 Birchwood Lane / Avon Lake / Ohio / 44012

that created demand for their product during the winter months would be profitable to their companies.

Obviously it was a money maker as evidenced by its endorsement by power companies across the nation. And it made electric power less expensive for every customer as the shut down / start up costs were avoided and not passed on. I am tired of hearing about the inequity of the discounted all-electric rates on non all-electric residential customers. It hasn't cost them money, it has saved them money and made money for the power company.

Our home has no duct work, no gas feed and no location suitable for a furnace. In discussing this problem with our local councilwoman she provided me with a contact for an EPRI sponsored program to evaluate Ductless Heat Pumps. I made the contact, filled out the applications and was accepted for an on-site evaluation of my home. On inspection, the representative concluded that while he would personally like to include our home in the study, he wanted to check our building codes and discuss his findings with his contractors. Their final decision was that our home was not an appropriate candidate for DHP as extensive modifications to our home would be required (such as, filtered cold air returns in all of our upstairs bedrooms). I questioned the inspector as to what he would do if he were me. He responded that I should continue fighting for reinstatement of the permanent all-electric home discount rates.

My son is currently looking for a new home. He will not consider the purchase of an all-electric home! I do not believe he is in the minority. Absent the all-electric discounted rates, my home will become a major liability to me and our community. I know it will not sell for its assessed value. I anticipate that all-electric property values will be devalued, which will cause our communities, schools and public services to be under funded, which will result in higher property tax rates. The tax revenues lost from the devaluation of all-electric homes will be recovered with increased tax dollars paid by the non all-electric home owners.

It has been testified previously that First Energy and its predecessors paid contractors to build all-electric homes with copies of checks to prove it. I know that I would not have purchased my home without assurance that the discount went with the home. I believe that First Energy's predecessor, in my case the Illuminating Company, did guarantee the discounted rates for all-electric homes forever and that First Energy's actions constitute a breach of contract.

The PUCO has an obligation to reassess their previous acceptance of First Energy's rate increase and reinstate and make permanent the all-electric "discount" using the power companies previously established declining rate schedules. Do not allow First Energy to pass any discount effects back to other consumers. Make First Energy absorb the costs of their commitments instead of buying more power companies with their excess profits.

TOP 50 ELECTRIC BILLS

32362 BIRCHWOOD LANE / AVON LAKE

	Month Received	Amount
1	Jan-10	\$571.71
2	Mar-10	\$44 0.52
3	Feb-10	\$387.72
4	Jan-97	\$286.44
5	Mar-07	\$273.65
6	Feb-97	\$267.11
7	Jan-94	\$259.26
8	Feb-87	\$258.99
9	Jan-88	\$257.82
10	Feb-09	\$254.43
11	Mar-08	\$248.91
12	Jan-90	\$240.55
13	Jan-09	\$237.78
14	Jun-88	\$237.17
15	Feb-88	\$235.38
16	Jan-99	\$235.34
17	Mar-09	\$234.71
18	Feb-03	\$231.16
19	Jan-93	\$230.88
20	Feb-04	\$230.08
21	Jan-87	\$228.58
22	Jan-96	\$228.17
23	Feb-00	\$225.40
24	Jan-04	\$224.34
25	Dec-96	\$220.19

<u> </u>	Month Received	Amount
26	Feb-95	\$219.93
27	Jan-01	\$219.58
28	Mar-97	\$219.23
29	Jan-91	\$218.36
30	Feb-08	\$216.74
31	Jan-92	\$216.61
32	Jun-89	\$212.07
33	Jan-03	\$211.78
34	Jan-00	\$211.61
35	Jan-05	\$210.52
36	Feb-96	\$210.23
37	Feb-93	\$210.18
38	Jan-02	\$209.93
39	Dec-86	\$209.55
40	Mar-91	\$209.37
41	Jan-95	\$207.06
42	Dec-08	\$206.85
43	Mar-96	\$205 .35
44	Jan-08	\$204.61
45	Mar-87	\$204.27
46	Feb-92	\$204.06
47	Feb-91	\$203.57
48	Mar-93	\$203.52
49	Jan-06	\$201.87
50	Feb-05	\$201.30

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Public Hearing PUCO at North Ridgeville on 11/22/2010

Testimony of: Edward J. Bueche / 32362 Birchwood Lane / Avon Lake / Ohio / 44012

My wife and I live in an all-electric home in Avon Lake which we purchased in 1986. It is our position that the all-electric home discount rates were wrongly discontinued and should be permanently reinstated using the rate pattern in use through 2008.

Our home was built by Bucky Kopf in 1983 as part of the Green Point Development. We were shown our future home by a realtor in 1986. On learning that this was an all-electric home I immediately stated that I would not buy it due to the expense of electricity. The realtor countered that this was one of many all-electric homes in the area and that the electric company had encouraged developers to build all-electric homes and guaranteed their sale, to people like me, with discounted rates. I asked to see the last years electric bills and questioned how long the discounts would last. She advised that they went with the home, permanently.

I then questioned my work associates about these purported discounted rates. They allayed my concerns, asserting that the realter was correct, the discounted rates were forever for an all-electric home.

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MARK LAMMON – PREPARED STATEMENT November 22, 2010 North Ridgeville Hearing

Good evening, my name is Mark Lammon and I'm the Special Projects Manager for the Downtown Cleveland Alliance, a group representing property owners, businesses, and over 10,000 downtown residents, of which over one-third are effected by the proposed elimination of the all-electric rate.

In the 1980's and early 1990's, when the first of many downtown housing projects were being built, First Energy heavily marketed to developers to make their buildings all-electric. First Energy promised the rate would continue, and even a provided incentive to some properties to market the benefits of all electric living. By 2010, 1,221 residential apartments and condos have been built using all electric utilities, and another 1,207 units use a combination of systems that use electricity to produce heat or air-conditioning, that's 3,750 downtown residents, people, affected by the all-electric rate. Now First Energy has decided not to honor their original deal, leaving many downtown residential buildings at a major competitive disadvantage.

These buildings, which are historic, cannot be retrofitted to natural gas or any other type of heat source without completely gutting them and starting over from scratch. Not only is this impossible, it's economically irresponsible, and would be a step in the wrong direction for the redevelopment of Northeast Ohio's core.

Almost 300 all-electric apartments are on the verge of becoming for-sale condominiums. If the all-electric rate ceases to continue, none of these units will be marketable and current owners who may need to move will no longer be able to sell their investment and property values will drop, meaning less funding for schools, the City of Cleveland, and county. Buildings, some having over a hundred units, will no longer be an affordable option for downtown residents and will go vacant. In order to prevent this, the all-electric rate must continue for the life of these residential buildings, and the rate must stay with the unit no matter when the resident moved in, and must be transferable in the case of for-sale units.

Fundamentally, this is a greater issue than just an electric rate. For years, the State of Ohio has been bleeding out population, or at the very least suffering from stagnant growth. Young people graduating from college are moving away and settling in other states contributing to the Ohio's brain drain. The one area in the state that continues to grow and attract young educated professional talent is our urban centers. These people are the future, and they offer hope to Cleveland and Ohio. By eliminating the all-electric rate, we are effectively telling these people to move away. Downtown residents want to live in an urban environment, and when their apartment or condo becomes too costly to live in because their electric bill has doubled, they are not going to move to the suburbs, they're going to leave for New York, Chicago, San Francisco, and Portland. We can't grew new business and attract entrepreneurs if we don't have areas where they want to live, work, and play.

This isn't just about an electric rate; it's about the future of Ohio.

Thank you for this opportunity.

My name is Dave Kennett, and I have an all-electric home here in Mills Creek.

I like my all-electric home, and I believe electricity is the preferred method of energy distribution. It can be created by burning anything - or even by burning nothing, and I don't think it's ever exploded.

For years electric companies promoted all-electric homes, both to builders and buyers, and gave a quantity discount to those high-volume customers - a pretty common business practice. Now it seems they would prefer we switch to gas - likely to be relatively inexpensive, at least for awhile. I don't get it! I can only guess it's a bait-and-switch scheme, since it would cost us a bit to change over, and take some time.

I would encourage the PUCO to do their own thinking, get their own numbers, and do their own arithmetic.

Years ago I attended a tongue-in-cheek slide presentation by a large company. It proved --- PROVED that black was white - and this was to a bunch of engineers! I suspect you may be getting the same presentation.

Thank you.

David Kennett 5603 White Oak Way North Ridgeville, OH 44039 440-327-8624 **CARL SILSKI**

32876 Woodhaven Circle

N. Ridgeville, OH

TESTIMONY BEFORE THE PUCO, MONDAY, NOVEMBER 22, 2010

LADIES AND GENTLEMEN:

IN MANY YEARS PAST, THE PERCEPTION OF ALL-ELECTRIC HOMES WAS THAT THEY WERE THE <u>MOST EXPENSIVE</u> HOMES TO HEAT. CONSUMERS TENDED TO AVOID THEM EVEN THOUGH ELECTRIC UTILITY COMPANIES PROMOTED THEM AS A CLEAN FORM OF LIVING.

WITH THE ADVENT OF THE HEAT PUMP, THESE HOMES WERE THEN PROMOTED AS A FORM OF "AFFORDABLE", CLEAN LIVING. THESE HEAT PUMPS, HOWEVER, STILL HAD A REPUTATION OF "COOL" HEAT – CONTRARY TO "WARM" HEAT FOUND WITH GAS AND OIL HEATING SYSTEMS.

CONTEMPLATING RETIREMENT UNDER A FIXED-INCOME SCENARIO, I PURCHASED MY ALL-ELECTRIC HOME IN 2005. I WAS TO BECOME ITS 2ND OWNER. THIS HOME HAD A GEOTHERMAL HEATING SYSTEM AND WAS MORE EXPENSIVE THAN THOSE HEATED WITH TRADITIONAL HEAT PUMPS. I, HOWEVER, WAS WILLING TO PAY A "PREMIUM" FOR THIS HEATING SYSTEM BECAUSE I FELT THAT IT SUPPORTED THE NEW SPIRIT OF OUR NATION TO SUPPORT "GREEN ENERGY" INITIATIVES THAT TOOK ADVANTAGE OF EARTH'S NATURAL RESOURCES.

THE ORIGINAL OWNER ASSURED ME THAT HIS "ALL-ELECTRIC" DISCOUNT WOULD BE PASSED ON TO SUCCESSIVE BUYERS. THIS WAS CONFIRMED BY MY REAL ESTATE AGENT. WHEN I PHONED OHIO EDISON, THEY ASSURED ME I WOULD CONTINUE TO RECEIVE THIS DISCOUNT SINCE IT WAS ASSOCIATED WITH MY PARTICULAR CLASS OF HOME AND ITS HEATING SYSTEM. SO, I PURCHASED MY HOME. I WAS VERY EXCITED ABOUT IT AND ITS "GREEN-FRIENDLY" HEATING SYSTEM.

EVEN THOUGH I "PUT UP" WITH MY NEW FORM OF "COOL – SOMETIMES UNCOMFORTABLY COOL" HEATING SYSTEM, I MAINTAIN MY INDOOR WINTER TEMPERATURE AT 68 DEGREES TO CONSERVE ON COSTS. DURING THE FIRST 4 YEARS OF MY HOMEOWNERSHIP, I FELT MY HEATING BILLS WERE REASONABLE. HOWEVER, LAST YEAR WHEN THE DISCOUNT WAS ELIMINATED, MY AVERAGE BILL INCREASED OVER 30% WHEN COMPARED TO MY PREVIOUS 4 YEARS.

NOW, LIVING DURING TIMES OF GROWING FISCAL CONSERVATISM AND RISING LOCAL TAXES, INCREASING HEALTH COSTS, AND LITTLE OR NO COST OF LIVING INCREASES FOR PEOPLE ON FIXED PENSIONS, I FEAR MY HOME MAY EVENTUALLY BECOME UNAFFORDABLE. ELIMINATING THE DISCOUNT WORSTENS AN ALREADY BLEAK SITUATION. I FEAR THAT MY HOME WILL NO LONGER BECOME ATTRACTIVE TO SOMEONE WANTING TO BUY IT. I FEAR ITS VALUE WILL DECREASE IN AN EVEN WORSENING HOUSING MARKET. I FEAR THE TAX BASE OF OUR COMMUNITY WILL DECREASE.

LADIES AND GENTLEMENT, <u>IT IS IMPERATIVE</u> THAT OUR ALL-ELECTRIC DISCOUNTS BE GRANDFATHERED AND MAINTAINED FOREVER AND TRANSFERABLE TO FUTURE OWNERS. MOST OF US HAVE NO OTHER HEATING OPTIONS WITHOUT MAJOR, COSTLY UTILY INFRASTRUCTURE IMPROVEMENTS WHICH ARE REALLY

MOT EVEN ECONOMICALLY FEASIBLE. I LIVE IN A NEIGHBORHOOD WHERE ELECTRICITY IS THE ONLY INFRASTRUCTURE OPTION AVAILABLE. WITHOUT PERMANENTLY CONTINUING OUR DISCOUNT, I FEAR OUR HOMES WILL LOSE MARKET VALUE AND BE HARDER TO SELL. OUR HOMES ARE GENERALLY OUR ONLY MAJOR ASSET – THE VALUE OF WHICH WE CANNOT ALLOW TO ERODE.

Shirly Spelar Jonkers 10798 Mendons Jul Strongwille, Oho 44,49

We purchased our Bob Schmitt cluster home 24 years ago after visiting our niece in the cluster home she purchased on Meadow Trail in the Strongsville development of Meadowood. At that time, the street was only about 1/3rd developed. We fell in love with the cluster home concept but were concerned about the "all electric" utilities. From what we had heard, all electric homes were very expensive to maintain. Our home in North Royalton had a combination of gas and electric.

Our niece said her electric bills were comparable to what she had paid in her previous home when she had both gas and electric. We visited Bob Schmitt's "visitor center" and spoke with his brother, Ed. Ed explained that when Meadowood was planned, they met with officials from the Illuminating Company who determined Bob Schmitt homes qualified for their "All Electric Heating" rate. This rate is only available to homes built to CEI energy efficiency standards which Schmitt homes were substantially above. The "All Electric" rate is lower than the "General Residential" rate. CEI was offering a "Load Management Option" rate which would further reduce electric bills on our homes. In order to profit from the "Load Management" rate, a home must be equipped with a load controller. Bob Schmitt homes was installing these units for \$600.00 in new homes being built and on existing homes for a cost of \$750.00. This device electronically prioritizes and juggles larger loads like the hot water heater, supplemental heat, dryer, etc. so the power demand is kept at a

minimum. This could save from \$150 to \$300 per year beyond the favorable rates explained above.

Bob Schmitt homes also reminded us to make sure prior to moving in that CEI was aware that our billing should receive the energy discount because our all electric homes were insulated <u>above</u> CEI's standards. Our home was purchased in 1986 and met all the requirements listed above.

During the 24 years my husband and I lived in our home, we enjoyed the cluster home concept. My husband was on disability those years and suffered from emphasyma so the one floor concept was ideal for us. Unfortunately, Tom passed away on January 10, 2001. I had retired after 43 years in banking and had enough income to exist although the my resourses were depleted during the past few years due to the stock market fiasco. My electrical payments were set up to be estimated on a monthly basis so I would know exactly how much would be deducted monthly.

In 2008, the estimated payment was \$160.00 monthly. In 2009, it rose to \$173.36, not an unreasonable increase and one that was affordable. However, in 2010, the estimated payment rose to \$220.91, which is a substantial increase and will create a hardship. However, even more disturbing is there is an accumulated balance of \$952,28, which would

have to be paid if I ever sold my home, which under the circumstances is highly unlikely.

I feel that now I am living in a nice home but one I may not be able to afford but cannot sell because of the "all electric" stigma hanging over it. Also, there is no way for me or anyone in Meadowood to convert to gas since there are no gas lines leading to our subdivision.

My neighbors next door put in a new furnace and heat pump this summer. I don't know how much it cost but at our homeowners meeting last week, she confided to me that she was so worried about not having enough money to see them through the coming years. At our ages, we should not have to be concerned with rising electric costs that had been addressed <u>prior</u> to purchasing our homes but are now looking at electric charges that will negatively affect our way of living.

I am 78 years old and my main source of income is social security plus a small income from my Mary Kay business. I am enclosing copies of my Illuminating statements for March 6, 2009 and March 5, 2010 showing an increase of \$16.64, which isn't excessive but I am concerned on the reverse side of the 2010 statement the actual Usage Comparison chart shows a huge increase in usage. From that, I can only conclude that I am not getting the discount originally promised. If the discount is no longer available, there is absolutely no way I can stay in my home but even worse, how will I EVER be able to sell it. Selling it is not what I want or can even afford. I thank CKAP for their efforts on our behalf. They are working endlessly to help us get the discount restored. I can only pray that there efforts will be successful.

Sincerely,

Shirley Spehar Yonkers

Sheeley Spelar Yorkers

10798 Meadow Trail

Strongsville, OH 44149

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This isn't just about an electric rate; it's about the future of Ohio.

When we bought our all-electric home in October 2003 it was on the premise, make that the implied contract, that the all-electric discount would be permanent.

If First Energy is allowed to walk away from this contract, it will do irreparable harm to those living in our community. You see, based on the promise of a permanently discounted electric rate, gas lines were not installed in our neighborhood. So, with no ready energy alternative we will be forced to pay much higher rates than we had planned.

As has been stated previously, the loss of the permanent discount will reduce the value of all electric homes by 30% and make them increasingly difficult to sell.

Through its marketing to builders and by extension homebuyers, First Energy was allowed to gain a monopolistic advantage in terms of supplying energy. To change the pricing strategy now is nothing but a classic bait and switch tactic.

We look at the PUCO as a public entity whose primary mission is to protect the utility consumer in Ohio. If the PUCO allows First Energy to step away from the heavily marketed all-electric discount arrangement, it will be failing in its duty to the public. Specifically, I suggest the following:

All current all electric homes, without ready access to natural gas supply lines, should retain, on a permanent basis the all-electric rate differential/discount for nine months of the year for generation and distribution. The rate differential should be equivalent to the pre-2007 "declining rate" structure.

Finally, as to the suggestion that retaining the discount will cause other electric users to pay more. This is not a zero sum game. The PUCO should police the electric rates of other users as vigilantly as ever. First Energy should not be allowed to use the continuation of the all-electric discount as a justification to raise rates. First Energy concocted the all-electric discount strategy. They need to live with the results and not permitted to pass this expense on to other customers.

This is a defining moment for the PUCO. Either you stand-up for the consumers in Ohio or you become a tool of the utilities you are supposed to regulate.

MARKIKAREN GRIFFITHS

33137 HAWKS NEST CT.

NO. Riogeville 44039

PUCO Public Hearing on All Electric Rates, North Ridgeville, November 22, 2010

Testimony by Frans H. Jager in case # 10-0176 - EL - ATA

Good evening! My name is Frans Jager and I reside at 8748 Timber Edge Drive in North Ridgeville.

My home is in the RidgeField development, which is a residential development that has no access to a natural gas supply system and is, therefore, dependent on electric power supply for home heating, water heating and cooking purposes.

I have lived in my current residence for over nine years.

I am 66 years old and my wife and I built our 2,400 sq ft home in 2001. We were attracted by the energy efficiency of the Bob Schmitt Homes and we had two separate heat pumps installed to separately control the temperature in our living and sleeping quarters. Energy efficiency was very much on our mind when we built the house. We built it with an eye on nearing retirement. That retirement is now imminent and going forward my wife and I will have to live off our life's savings and social security. It is a discomforting prospect to think that our power supplier, Ohio Edison, is now intent on abandoning its practice of offering a special and reduced rate for owners of an all electric home like ours.

I am providing testimony here today to state clearly to the Public Utilities Commission that it would be derelict in its duties to the Ohio Public if it were to allow Ohio Edison and other First Energy companies to discontinue the rate privilege heretofore extended to the occupants of all electric homes in their market.

Our monthly usage ranges from a low of 1500 KWH to a high of 5500 KWH. Of course, the lows occur in the Spring and the Fall and the peak usage always occurs in the Winter months. Our average monthly use is 2,752 KWH.

For very similar usage, Our electric bill for December 2008 through February 2009 was \$1,076.64.

For the same three month period, a year later, when Ohio Edison had rescinded its special all electric rate the bill was \$1,289.16 representing an increase of 20%. For vivilually the same usual.

A year from now we will be living off a fixed retirement income and we shudder to think about the effect on our budget if you, the PUCO, let First Energy's decision to discontinue its all electric rates stand.

Bad as that will be for us and for all of our fellow residents of RidgeField, it pales in comparison by the harm that will be done to the value of our properties, if you, the PUCO, do not deny First Energy's request to discontinue its special rate for all electric homes.

As it is, as a result of the depressed housing market, the appraised value of our home is already significantly below our original investment. If First Energy's position is allowed to stand, it will not only

lose significant more value, it will become virtually unsellable. For us, and, I assume, for many other residents of RidgeField our home is a significant part of the assets we have available to fund our retirement. It would be unconscionable in my mind if the PUCO, which is supposed to protect the public interest in the citizens' interaction with the utilities, were to allow the highway robbery that First Energy is about to commit.

Have you already realized what this staggering loss of asset value of the homes in RidgeField and other all electric home developments in Ohio would do to the tax revenue our communities would have available to fund schools and other public services?

I am not a lawyer, or - yes I am, but I got my law degree more than 40 years ago at the Erasmus University in Rotterdam, The Netherlands so that hardly counts—but you don't have to be a lawyer to understand that First Energy created an implicit contract, call it a covenant, when it convinced Bob Schmitt Homes to create in the mid nineties a large new residential development in North Ridgeville that would depend entirely on electric supply of energy by First Energy. In RidgeField we have no options. There are no natural gas feeder lines and therefore both Bob Schmitt Homes and First Energy knew that the viability of RidgeField would be dependent on First Energy continuing the practice of offering a special reduced rate for all electric homes.

There is a good reason why Bob Schmitt Homes in the instructions to its buyers included the following statement:

"FIRST ENERGY (Electric) To establish service, contact First Energy at the number listed above. Inform them that you have an all electric home and the size of your hot water tank (at least 80 gallons). This qualifies you for the "optional heating rate".

No doubt, this is a reference to the all electric rate and no doubt that Bob Schmitt would not give these instructions to its buyers if they would not have been assured of the continuance of the all electric rates which were in effect for the first buyers of homes in RidgeField and, thereafter, without interruption until First Energy got cute in late 2009 and broke its covenant with its all electric customers.

Members of the PUCO, you have it in your power to stop First Energy in its tracks in its attempt to break its covenant with its all electric customers and I expect from you that you will utilize this power and put a permanent injunction on First Energy's malicious intent to harm the very customers they so ardently courted when First Energy was intent on selling more electric power.

I further expect from you as public servants that you make sure that all electric rates will be transferable to any successor occupants of my current residence and all other Ohio residences that are all electric homes.

If, as you are duty bound to do, you carefully consider all the facts in this case and the implications of elimination of the all electric home discount, you can in good faith and conscience not come to any other conclusion than that First Energy's malicious and ruinous decision cannot be allowed to stand.

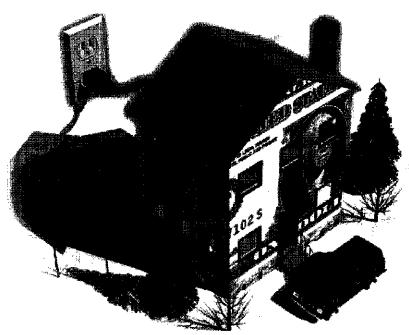
I count on you doing the right thing!



PUCO admits it made a mistake when it allowed FirstEnergy to hike bills for owners of all-electric homes

By John Funk, The Plain Dealer

February 18, 2010, 5:52PM



View full sizePlain Dealer file

For more information

Testimony by Ohio Consumers' Counsel (PDF)

Comparison of total energy bills (PDF)

Previous coverage

Feb. 16, 2010: Customers sue FirstEnergy Corp. over increase in rates for electric heating

Feb. 13, 2010: FirstEnergy customers with all-electric homes to get discounts partially restored after Strickland intervenes

Feb. 8, 2010: Snow threat delays hearing on all-electric heating bills

Jan. 16, 2010: Heating costs soar for thousands of FirstEnergy Corp. customers with all-electric heat.

Dec. 2, 2009: NOPEC residential customers to get a 6% discount

Oct. 6, 2009: Natural gas heating bills to be about 15% less this winter in Midwest

Aug. 1, 2008: FirstEnergy seeks rate increase, but bills could fall next year

March 2, 2006: Electric homes' cheap cost to end

Ohio utility regulators have admitted they made a mistake when they allowed FirstEnergy Corp. to increase bills for owners of allelectric homes.

In testimony to an Ohio House committee this week, an administrator for the Public Utilities Commission of Ohio said skyrocketing bills that hit more than 100,000 consumers this winter were an "unintended consequence" of a new FirstEnergy rate plan.

That plan called for eliminating most of the deep discounts FirstEnergy had offered to all-electric homes in marketing campaigns for more than 30 years.

When questioned by lawmakers, Steven Lesser, chief of staff for the PUCO, said he and other analysts "did not see it coming," referring to the sharp increases in monthly bills.

Lesser explained that the agency's analysis of the effect on consumers focused on the "typical" FirstEnergy residential customer, one who uses about 750 kilowatt-hours per month. The owner of an all-electric home may use up to 4,000 kilowatt-hours.

Ohio Consumers' Counsel Janine Migden-Ostrander did not oppose the PUCO decision to eliminate most of the discounts for allelectric homes. She is out of the state and did not attend the hearing Wednesday, called by Elyria Democrat Matt Lundy, chairman of the Ohio House Consumer Affairs and Economic Protection Committee.

In written testimony to the committee, Migden-Ostrander said she argued for the gradual elimination of the discounts, not exactly what FirstEnergy did, though the company did include some credits this year that it thought would soften the effect.

Migden-Ostrander's position has been that other residential rate payers were subsidizing the all-electric rates in the form of slightly higher rates. And she has argued that consumers paying both an electric bill and gas bill actually face a combined energy bill that is higher.

In her written testimony, Migden-Ostrander included a fresh analysis of gas and electric bills of homeowners who heat with gas and those who heat with electricity. She used rates charged by Dominion, Columbia and FirstEnergy's companies.

The analysis assumes the typical home heated by gas used 10,000 cubic feet of gas (10 Mcf or 100 Ccf) and 750 kilowatt-hours for lighting and appliances. She assumes the average all-electric home used 1,800 kilowatt-hours of power and no gas.

The conclusion: The all-electric customer of the Illuminating Co. paid \$192 a month while the home heated by gas paid a total between \$169 and \$208, depending on whether Dominion or Columbia served them.

That conclusion clashes with the all-electric homeowners who have called the Plain Dealer and shown up at hearing. They say they are paying between \$300 and \$900. They report that their bills have risen by 60 percent to 100 percent.

Lesser was appearing at hearings in Lake and Ashtabula counties Thursday answering direct questions from the public at hearings convened by state Rep. Lorraine M. Fende, a Willowick Democrat, and state Rep. Deborah Newcomb, a Democrat from Conneaut.

Republican state Sens. Tom Patton of Strongsville and Timothy Grendell of Chesterland will have a public meeting at 7 p.m. Monday in Strongsville, at the city's community center, 18100 Royalton Road, to hear from consumers with all-electric homes.

The two are considering legislation that would have lawmakers intervene and order the PUCO to reinstate the old rates. They cite a U.S. Supreme Court case that would allow such a move. Grendell has filed a lawsuit sult on behalf of the all-electrics seeking reinstatement of the old rates.

Gov. Ted Strickland on Friday ordered the PUCO to revisit the rate issue and work out some sort of relief for FirstEnergy customers.

The company after hours last Friday filed a proposal with the PUCO restoring about 80 percent of the old low rate for now, but then removing it slowly over the next eight years. By the winter of 2017-18, the all-electric customers would pay roughly what other consumers pay per kilowatt-hour.

The PUCO is still analyzing the proposal. There have been no objections or comments filed with the agency about the proposal.

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- . A <u>permanent</u>, all-electric rate differential on generation and distribution charges for nine months of the year for all-electric heating, load management, and water heating customers that <u>stays</u> with the <u>property</u> upon transfer to a new owner, including homes, apartments, and condos. The rate differential should be equivalent to the pre-2007 declining block structure.
- 2. The rate differential should be given to EVERY property, even those currently excluded because they were built or converted to all-electric after Jan 1, 2007.
- 3. Overcharges made by FirstEnergy between May 2009 and May 2010 should be refunded in full.
- 4. FirstEnergy must NOT raise the rates of other ratepayers, but rather absorb the cost of this program which benefited FirstEnergy for the last 30 years. FirstEnergy made verbal and written promises to owners and builders alike to entice them to go all-electric, and they must not be allowed to break these promises and charge others for their breach of contract!

Testimony of Avon Lake City Councilman – Public Utilities Chairman David Kos, 32901 Redwood Boulevard, Avon Lake, OH 44012; 440-930-7737; November 22, 2010

Members of the PUCO, first I would like to thank you for scheduling this hearing today in North Ridgeville. I am aware that this location was not on the initial meeting/site list. I thank you all for your consideration by adjusting your schedule and allowing all of us to be heard.

My name is David Kos. I am the Ward 4 City Councilman in Avon Lake. I also serve as the city's Public Utilities Committee Chairman. Over the last year, I have talked with dozens of Avon Lake residents who will be severely harmed should their all electric discount not be continued. The city of Avon Lake and our tax base relies heavily on our many neighborhoods and our residents. There are approximately 300 all electric homes in Avon Lake.

Of particular note is the neighborhood known as "The Landings". The overwhelming majority of the homes and small businesses in the Landings are all electric users. These folks have been First Energy's best and most loyal customers. However, last winter, when you all approved dropping the discounts, these residents and small business owners saw their costs jump from \$150-\$200 a month to in many cases, \$500-\$700 or more per month.

It is obscene and immoral to allow for that type of rate increase during this country's worst economic crisis since the Great Depression.

How many middle class homeowners and small business owners can survive such a drastic and extreme increase? I received calls from residents who literally were going to sleep with coats and gloves on because they could not afford to heat their homes. I received calls from stay at home mothers who worried how they could raise their small children during one of the cruelest and coldest winters in years. These residents were desperate. I will never forget the pain in their voices as they told me the shock and disbelief when they opened their electric bills.

I do however want to thank the PUCO and the Governor's office for recognizing the severity of the crisis last winter. You all did the right thing by basically reinstating the discounts through this winter as you study the situation. Thank you for that consideration. And please during your deliberations on the matter keep the following in mind:

These residents are trapped in their homes. Sure they can move, but who is going to buy their home? Would any of us buy a \$200K home that has \$800 electric bills? What about the small business owners, who will undoubtedly have to drastically raise prices on their products and then eventually go out of business? If this rate is not reinstituted, permanently, Avon Lake will suffer a major blow to our community. Foreclosers will rise, businesses will shutter. Property values surrounding these homes will plummet. We will have a gaping hole of a ghost town in the middle of the city.

Those that remain in their homes and somehow manage to pay the bills will see hundreds of dollars less to spend in the community. Our shops, restaurants, and small businesses will drastically feel the effect. With less income in the community the burden will shift to those residents of non all electric homes. The rest of us will feel the pinch as many more homes will become vacant, providing less money flowing through the community.

This situation does not just affect all electric homes. This affects all Avon Lake residents. This affects all Ohioans.

Regardless of who is to blame, whether its First Energy, the original contractors and builders, or the homeowners, we must not allow such a spike to happen again. I respectfully ask the PUCO to do honorable thing. I ask the PUCO to look beyond the initial issue of whether to discount or not, and see the potential calamity that would ensue if the discounts are permanently discontinued.

I urge to PUCO to look at the many elected state officials such as the Governor, our Congressional representatives, many State Senators and our State Representatives. But most of all listen to those of us on the front lines. Listen to the Mayors, the council members, who interact with these folks on a daily basis. We are pleading with you and urging you to do the right thing. The right thing is to extend the discount for these hardworking and honorable citizens. Please, do the right thing. Do the honorable thing.

Respectfully submitted,

David Kos

Avon Lake City Council

Ward 4

Public Utilities Chairman

440-930-7737

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Respectfully submitted,

David Kos

Avon Lake City Council

Ward 4

Public Utilities Chairman

440-930-7737

To: Public hearing on all-electric homes Public Utilities Commission of Ohio

I want to express my concerns about how the imposed and predicted future Tariff Rates will impact the bills on my all-electric home.

INTRODUCTION

I am a 75 year old retired Electrical Engineer who worked for 39 years in Plant Engineering departments of Union Carbide Corp. Before retiring in 2000, my wife and I planned our retirement near family members in northeast Ohio, and choose Bob Schmitt Homes to build us a custom designed, ranch style, one-floor home in the Ridgefield Development of North Ridgeville, Ohio. We were impressed by their all-electric design featuring energy efficient heat pumps for heating and air conditioning. Although we knew that it usually cost more to heat a home with electricity, we knew that Bob Schmitt Homes took advantage of a low discounted cost of electricity from Ohio Edison Co. and we calculated that the electric utility cost in our all-electric home would be slightly less than the cost of gas and electricity in our older North Olmsted home. We **ASSUMED** that the low discounted cost of electricity would continue in the future.

IMPACT INVESTIGATION

From 2000 through 2008 we received electric bills with an average yearly Rate of approximately \$ 0.07 per KWH. During 2009 new Tariffs went into effect and the average yearly Rate became \$ 0.09 per KWH. When I called the Ohio Edison Customer Service Representative to obtain details to calculate future bills I was told that:

- Bill calculation was complicated with more than 20 Rates and Riders.
- Approximate Rates for comparison could be calculated by simply dividing the Cost by the KWH.
- 2010 Rates would be \$ 0.12/KWH during June, July & August and \$ 0.09 during the other months.

With this information I prepared the attached spreadsheet for my home that shows:

- Mactual" data from 2008; the last full year using the all-electric home discounted Rate.
- "Actual" data from 2009; when the Tariff Rate was raised.
- "Calculated" 2010 Costs using Rates supplied by Ohio Edison and the 2008 KWH, for comparison.
- "Calculated" 2012 Costs when the Rates are <u>predicted</u> to be "the same as other customers".

To check that my data represented the 570 Ridgefield residents with all-electric homes, I reviewed their "actual" data and discussed my conclusions with four of my neighbors. They agreed closely.

CONCLUSION

- 1 With the "NEW" Rates already in effect, my 2010 bills will total \$ 524 more than my 2008 bill with the "OLD" discounted Rate. THIS IS A 27 % INCREASE!
- 2 With the Rate "PREDICTED" to be "the same as other customers" my 2012 bills will total \$ 1,191 more than my 2008 bill with the "OLD" discounted Rate. THIS IS A 62 % INCREASE!

ΔΡΡΓΔΙ

I realize that Ohio Edison, a First Energy Company, is entitled to make a profit for its stock holders, but hope that this won't be at the expense of those home owners who believed they were making a wise decision by buying all-electric homes a few years ago. Please consider carefully the existing and predicted Rates.

Respectfully, **Charles C. Nagy**8765 Mosswood Circle

North Ridgeville, Ohio 44039

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87 Periwinkle Drive
Olmsted Township, Ohlo 44138
440-235-0679
ColumbiaParkHTA@webtv.net

November 22, 2010

PUCO Public Hearing
North Ridgeville Community Center,
5490 Mills Creek Ln
North Ridgeville, Ohio 44039

ie: All Electric Home Discount

My name is Frank Pojman, I live in Columbia Park Manufactured Home Community in Olmsted Township with 1,096 available home sites and President of the Columbia Park Homeowners/Tenants Association. I'm representing members of our Association who are residents, many of whom are here tonite, who own our homes, but rent the land we live on. Columbia Park is a 55 plus community with most residents living on Social Security. After being retired, many have had to find jobs to pay for utilities, doctors, medication, food and other bills. We even had to start a food bank, to help take care of our own.

We thank you, the Public Utility Commission again for attempting to stay on top of the FirstEnergy rate increases. We are not against FirstEnergy making a profit because that is what business is all about. What we are against, is the fact of making a profit at the expense of the quality of life for the senior population as well as others living in an all electric world. Some of our homeowners have had electric bills in excess of \$800.

We in Columbia Park, like many others who bought all electric homes, were told when we bought our homes, that we will be getting the "All Electric Home Discount". We appreciate the discount and need to keep it's status as it has been for many decades. The announcement that FirstEnergy will carry the discount through the end of winter of 2011 heating season has been just a smoke screen hoping that we will forget about it. How about the added cost of electricity during the cooling season? We can't forget also, many seniors are encouraged by their doctors, to remain cool for their health and need to use their A/C. This is not just a heating issue, it's a year round issue.

Many of our homeowners have been trying to keep up with ever increasing rents in Columbia Park close to \$200.00/month since our landlords from New York purchased it. Many have and many are on the brink of walking away from their homes being unable to afford to live in Columbia Park. Losing the All Electric Home Discount is devastating to all and will force many more to throw their keys on the table and walk away.

We need to make sure that with your help, the help of Ohio Consumers' Councel, our political leaders, Congressman Kucinich on the Federal level, and my State Representative Matt Patten, who is here tonite and has stayed at the forefront of this issue will make sure that the deal that was made decades ago stays that way. FirstEnergy, please give us back what we had, permanently. I like the word, "grandfathered" as you put it, about four years ago.

Thank you again for this great opportunity. We need you to make the correct decision to protect the citizens of the State of Ohio that will be faced with the devastation of unconscionable increases in electric rates. Give us back our "All Electric Home Discount" permanently.

Frank Pojman, President
Columbia Park Homeowners/Tenants Association
87 Periwinkle Drive
Olmsted Township, Ohio 44138

PUCO Testimony By State Rep. Matt Lundy

FIRST I WANT TO START BY THANKING THE PUCO FOR HOLDING THIS PUBLIC HEARING HERE IN LORAIN COUNTY. I KNOW THAT MYSELF AND MANY OTHER ELECTED LEADERS MADE THE REQUEST FOR A LOCAL HEARING.

THE ALL-ELECTRIC CONSUMERS I REPRESENT FEEL MISLEAD AND BETRAYED BY FIRST ENERGY. THEY ALSO HAVE LOST CONFIDENCE IN THE COMMISSION FOLLOWING YOUR DECISION THAT RESULTED IN THEIR WINTER HEATING BILLS INCREASING DRAMATICALLY.

Affairs & ECONOMIC

AS CHAIRMAN OF THE CONSUMER PROTECTION COMMITTEE IN COLUMBUS, I CALLED FOR PUBLIC HEARINGS IN COLUMBUS TO SHED LIGHT ON HOW FIRST ENERGY'S PROGRAM WAS GREATLY HARMING ALL-ELECTRIC CONSUMERS.

WE HEARD FROM RESIDENTS WHO WERE JUST BARELY HANGING ON TO PAY THEIR HEATING BILLS, SOME AS HIGH AS \$800-\$1,000 A MONTH. HOMEOWNERS TOLD US HOW THE SELLERS, REAL ESTATE AGENTS, AND BUILDER REPRESENTATIVES TOLD THEM NOT TO BE CONCERNED ABOUT BUYING OR BUILDING AN ALL-ELECTRIC HOME. THEY WERE ASSURED BY THOSE WHO HAD DIRECT CONTACT WITH THE UTILITY THAT THEY WOULD CONTINUE TO BE ELIGIBLE FOR THE DISCOUNT PROGRAM.

WE ALSO HEARD FROM BUILDERS WHO RECEIVED INCENTIVE CHECKS FROM THE UTILITY TO BUILD ALL-ELECTRIC HOMES. THESE BUSINESSES ALSO FEEL MISLEAD. THEY ALSO HAVE UNBUILT LOTS WITH LITTLE BUILDING POTENTIAL BECAUSE OF THIS ISSUE.

HOMEOWNERS NOW LIVE IN HOMES WITH LITTLE OR NO RESALE VALUE BECAUSE OF THE UNCERTAIN FUTURE AND FEAR OF WHAT WILL HAPPEN TO ALL ELECTRIC RATES. OHIO'S HOUSING MARKET, BUILDING INDUSTRY AND REAL ESTATE MARKET IS SUFFERING ENOUGH WITHOUT MAKING MATTERS WORSE.

WE HAVE SENT THE TESTIMONY AND INFORMATION SHARED WITH OUR COMMITTEE TO YOU AT THE PUCO. WE URGE YOU TO REVIEW ALL OF THE INFORMATION BEFORE MAKING A DECISION.

GOVERNOR STRICKLAND WAS RIGHT TO INTERVENE AND TO URGE THAT THE ORIGINAL DISCOUNT BE RESTORED. AS GOVERNOR STRICKLAND POINTED OUT, AND I DON'T THINK YOU'LL FIND MUCH DISAGREEMENT FROM CONSUMERS, FIRST ENERGY WAS ONLY FOCUSED ON ITS BOTTOM LINE.

ALL-ELECTRIC CONSUMERS HAVE LOST ALL TRUST IN FIRST ENERGY AND HAVE LOST CONFIDENCE IN THE PUCO SYSTEM.

BASED UPON TESTIMONY PRESENTED IN COLUMBUS, AND CONVERSATIONS WITH RESIDENTS HERE IN MY DISTRICT, PROMISES WERE MADE AND THOSE PROMISES WERE BROKEN.

I AM REQUESTING THAT YOU CONTINUE TO VIGOROUSLY LOOK FOR ALL RECORDS AND TALK TO CURRENT AND FORMER EMPLOYEES OF THE COMPANY ABOUT HOW PROMISES WERE MADE OVER THE PAST THIRTY YEARS TO CONSUMERS.

I BELIEVE YOU WILL FIND THAT PROMISES WERE MADE AND THOSE PROMISES ARE NOW BROKEN. AS A RESULT, I WOULD URGE THAT YOU CONSIDER A DECISION CALLING FOR THE FOLLOWING:

- 1. MAKE THE ALL-ELECTRIC DISCOUNT PERMANENT.
- 2. MAKE PERMANENT THAT THE DISCOUNT STAYS WITH THE PROPERTY
- 3. BRING THOSE WHO CONVERTED TO ALL-ELECTRIC HOME OWNERSHIP AFTER JANUARY OF 2007, INTO THE DISCOUNT PROGRAM AS WELL.
- 4. REQUIRE THE UTILITY TO ABSORB THE COST AND NOT PERMIT THE UTILITY TO PASS THE COST ONTO OTHER CONSUMERS OR BUSINESSES. CONSUMERS BELIEVE, AND I AGREE, THATE WHEN THEY ARE MISLED BY ANY BUSINESS, THERE MUST BE CONSEQUENCES.
- 5. FINALLY, EXHAUST ANY AND ALL LEGAL MEANS TO REQUIRE THE UTILITY TO REIMBURSE CONSUMERS THE MONEY IT MADE DURING THE PARTY SPIKES IN PARTY CONSUMERS BELIEVE THEY WERE VICTIMS OF WHAT APPEARED TO BE AN EFFORT BY THE UTILITY TO GRAB SOME QUICK CASH.

IT IS MY HOPE THAT THE PUBLIC UTILITIES COMMISSION WILL DEMONSTRATE WHY "PUBLIC" IS IN YOUR NAME AND RENDER A DECISION THAT IS FAIR AND REASONABLE FOR THE PUBLIC,... IN THIS CASE THE CONSUMERS OF ALL-ELECTRIC HOMES. THANK YOU

November 22, 2010

PUCO

Attn: Docketing Division 180 E. Broad Street Columbus, OH 43215

RE: 10-176-EL-ATA

Dear Members of the PUCO:

My name is Jennifer Fenderbosch. As a Councilwoman with the City of Avon Lake, I am a member of the Public Utilities Committee, Public Services Committee, Safety Committee, Chair the Environmental Committee, Facilitate the Renewable Energy Taskforce and am the Council representative on the Planning Commission.

In Avon Lake there are between 300 - 500 homes that were built all electric during the time of the gas embargo when First Energy approached developers with marketing incentives to build all electric homes that were to have discounted electrical rates. As you know those discounts were abruptly ended December 2009. There was a temporary reprieve this past spring. What we need today is a permanent solution not only for all the all electric home owners, regardless of when the home was built; but for the rest of the rate payers and for the utility. As my testimony will show, I am in favor of decoupling to bring about a permanent solution.

The following issues are all parts of the puzzle that need considered when finding a solution:

1) The PUCO does not calculate rate increment add-ons together (generation + distribution + transmission); thus, they stated at teh consumer Affairs and Economic Protection Committee of the Ohio House of Representatives that they were not aware that residents were going to experience a 109% to 300% increase in rates from December 2009 to January 2010. These rates in dollars grew from a low of \$160 to over \$900 in one month. It came as a total surprise to the PUCO that residents were being charged the price of another mortgage to heat their homes. There were residents that were not able to pay these electric bills in full; thus, they made partial payments in January, 2010.

Because they paid partial bills, their February bills arrived with information about programs for *Low Income Families*. These residents did not qualify for these programs because they are **middle class Americans**. Their discretionary funds were already stretched and limited PRIOR to the electric rate increase. There should be no surprises to the PUCO. The public and the utility depends on the PUCO to be fair and just and to perform thorough research.

- 2) While I was waiting to testify before the Consumer Affairs and Economic Protection Committee of the Ohio House of Representatives, I heard in testimony that the PUCO typically grants the utility 80% of the rate increase they request. I prefer that the PUCO as experts in the field thoroughly research the request including the impact that the consumer and the utility will have as a result of the request. If outside non-partial consultants need contracted, then contract them so that real solutions to real problems can be achieved.
- 3) First Energy was not able to meet the goals set forth in SB221 for Renewable Energy Generation. Instead of being penalized, the PUCO forgave their noncompliance. If the State of Ohio is going to be serious in encouraging Renewable Energy Generation and advancement in Ohio, then they should not back away from the goals set. Instead, the PUCO should assist the Energy Industry in meeting the mandate.
- 4) Infrastructure... As an elected official, I along with my other Council members, receive complaints from residents regarding the reliability of electricity to our residents and businesses. It is an aging infrastructure that needs better maintenance and replacement of equipment. Those residents who live in older areas of our community that have over head distribution lines complain of brown outs and power outages with every shift of wind. Located on the shores of Lake Erie we experience both prevailing wind from the SW and convection wind on and off the lake that at times challenge the aging infrastructure. Many residents who have their power lines underground complain of outages when it rains suggesting that those lines too, need more maintenance or replacement. The Public Utilities Committee of Avon Lake's City Council has held meetings on this topic.
- 5) National Security... We need a dependable electrical generation, transmission, and distribution system. Our Homeland Security

depends on it as do first responders, hospitals, communications, banking industry, food storage and preparation businesses, manufacturing industry, businesses, and residents.

- 6) Profit.... Yes, First Energy and other Electrical Utilities need to make a profit so they can provide for a dependable and reliable system that secures our safety and one that is well maintained to prevent outages, brown outs, power spikes, and failures. They need to make a profit in order to further advance research and development.
- 7) Decoupling is a concept that provides a solution. By separating the profit needed to be a dependable, secure, reliable, well maintained entity that is able to advance research and development from the tariffs, the PUCO would be able to realign the financial structure of electric utilities in Ohio. It would permit the PUCO to do away with all tariffs and to start over. Presently, the "loss profit" calculations have the same effect as compound interest. The deficit keeps multiplying and home owners will never catch up. What is owed as a loss profit in year one is "one"; year two it is year one plus year two; year three it is year one, year two, plus year three, etc. The PUCO must get away from the "loss profit" concept and adopt Decoupling.

All electric homes would be provided with their own tariff that identifies the meter as an all electric property. The rate would be frozen and transfer with the property and not be identified by the owner. By decoupling, other rate payers would not need to absorb any losses. The rate payer would be whole as well as the utility. With Decoupling a dollar or two is added to the every rate payer's invoice to fund a third party for the sole purpose of teaching rate payers to conserve through energy audits and implementation of energy efficiency improvements. The real profit comes to utilities from large manufacturing plants that would enjoy a better bottom line with a reduced energy cost that would afford them the ability to expand which in the long term would bring higher profitability to the electric utility. All through this process the utility's profit is guaranteed along with lower rates for the electric users.

Decoupling is a concept successfully used on the east coast, Texas, and the west coast. It is a concept the OCC and First Energy are exploring.

Members of the PUCO, I beseech you to adopt a permanent solution to electrical energy rates in Ohio by adopting Decoupling with a Third Party Conservation component. Insist that along with Decoupling that the accelerated payment that all electric home customers paid this year is returned to the rate payers.

Sincerely, Junifer Penderlosch

Jennifer Fenderbosch Councilwoman City of Avon Lake 150 Avon Belden Road

Avon Lake, OH 44012

440-933-4644

My name is Teryl Bishop and I am a retiree from FirstEnergy. I worked 16 years in the marketing of electric heat to Ohio Edison residential customers throughout NE Ohio. Prior to joining Ohio Edison I owned a Heating & Air Conditioning company in Springfield Ohio. Following my sale of the company, Ohio Edison hired me to assist, from a dealer standpoint, in the development and implementation of a heat pump and water heater marketing program. This became their A+ (alternative plus) program. This program promoted and provided incentives for the installation of electric heating and water heating equipment.

Within a couple of years I had been promoted to the position of Supervisor Residential Marketing for the Youngstown Division of Ohio Edison. There I had 12 sales representatives on my staff working with builders, HVAC and plumbing dealers and our customers on the sales and installation of electric heating and water heating systems.

One of the major obstacles to our success was the skepticism by dealers and customers that the special electric rates being offered with this program would be eliminated, leaving them with high bills and unhappy customers. To counter this we <u>assured</u> them that if the special rate was ever eliminated, or replaced by a different rate that they could remain on that special rate until they decided to change to a different rate, or when there was a change in account (i.e.; they moved). This 'grandfathering' was a normal and customary option whenever rates were changed. To my knowledge, historically there were no rates eliminated without grandfathering existing customers.

Additionally, as part of our representatives' responsibilities was to check with those grandfathered customers periodically to see if there was a better rate available to them. This was not unique to my Division and was identical to all other Ohio Edison Residential Marketing areas.

Recently FirstEnergy (apparently with the blessings of the PUCO) eliminated the special rates afforded to those customers who had chosen electricity to heat their homes. There are tens of thousands of customers impacted by this decision resulting in hundreds of thousands of dollars in increased heating costs monthly going directly to FirstEnergy without any additional expense to them or benefit to the customer. This is an incredible move by FirstEnergy that profits them by hundreds of thousands of dollars every month, <u>all taken</u> from already burdened Ohio consumers.

I am extremely distressed by the action that allowed this to take place. It makes me, and my representatives guilty of lying to our past customers, abandoning the trust and confidence they placed in us.

If you would like to follow up on this with me you may contact me at the following.

Teryl Bishop 3760 Turnberry Drive Medina, Ohio 44256 330.304.2021 cell

10-176-EI-UNC PURO NEARING Witness Sun Un N. Ridgeville BRYAN MACTERS Courtilyoman Jenniter Fenderbaseh-Avantake Bita Lockhart 8724 Timber Edgo AR, NKidpeville 44039 BY LINDA JANKURA - 21325 TIMBER CAK CT. STRONOSCICLE 5. Jane Haff 33125 TANAGERCT. N.R. 44039 6. How SiseENEY 32725 Solvert Avalola VO HAZEL SFERRY 33025 FILDEN HOLLOW CT NRIDGEVILLE ON 4039 8. BURER KINGERE STEERS BY DWG BY AVON LORE 90 BRIAN KURZ 32589 SPINNAKER DR. AUDNLAKE, OH 44012 LOS Frans Jager 8448 Timber Edge Dr. H. Ridgeville OH 44039 At. FOWARD BUSCHE 92362 BIRCHWOOD LN AUN LAKE OH 44012 52 Mark Lammon, 50 Public St., Ste 825, Cleveland, 04 441/3 submitted ut Cerolyn Knippor 107 Timbortano pr. Elyria dio 44035 NA LEONARD SKULINA 8997 TIMBER EDGS DR. N. RIDGERIUS, DAND 15. Ellern Campo 32680 Green wood Dr. Avan Lake 16. ALORO FOX 26 CREEKSIDE TRL DIMSTED TOP AT TERYLBISHOP 3760 TURNBERRY Dr Medius ON 407256 18 Fred R. Hickok 33146 Engles 640 CT North Rd, ville 191 MARK GRIFFITHS 33137 HAWKS Nest et North Ringerille Reporter wasting hand Break 30? wants to soon



PUBLIC HEARING SIGN-IN SHEET

COMPANY: First Energy DATE: 11-22-10 CASE NO.: 10.0176.EL ATA LOCATION: N. Ridgeville.

If you would like to provide testimony, please **PRINT** your name and address below.

No.		ADDRESS
50	David C. Urig,	359 Deepwood Lane, Anhewst, OH 49001
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PUBLIC HEARING SIGN-IN SHEET

COMPANY: Frest Encegy DATE: 11.22-10

CASE NO .: 10- DITGEL-ATA
LOCATION: N. Kingeville

If you would like to provide testimony, please PRINT your name and address below.

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El	DICK KENNEY	5270 WONTH BANTON RD N-R.
42	DANTA ADDINANT.	4419 SR113, NORWINGTO,
43	MAROL CAKO	87 Ldo Calculd DR. N.R
44	DAVE 1 A MS 80	32673 MILLWOWS (1)A
45	CHARLES HE STORD	STOFFE HOLLOW WIR
46	JEAN GALLAGHER	78 LANDINGS WAY AVON LAKE
47	long NATher	5793 Hickory Thail N. Ridgeville
48	Jules 4. Rewald	São FORESTUION Rd Boy Villago de
H9	DENNIS BOOSE	6405 DENDE DR. N. ROSSILE
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PUBLIC HEARING SIGN-IN SHEET

COMPANY:	CASE NO .: 10-176-EL-ATA
DATE: 11-72-10	LOCATION:

If you would like to provide testimony, please **PRINT** your name and address below.

	No.	NAME	ADDRESS
	20	FRANK POSMAN	87 PEREVERUE DR. OLMETES TWO. OH.
	21	SHIRLEY YORKERS	10798 MEADOW) TR. STRANGSVILLE, OH 44149
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Į	24	MARCH T FARSON	2906 St R) FOR CLAPAB OL 41223
	24	Charles Nagy	8765 Mosswood Civ N. Ridgoville 44UBF
	25	CARL SILSTI	3287 (WOODHAVEN GR. WOZ9 N. ROGENILL
	BIO	Jlm Crozion	7365 Glenvide LA rup of 44138
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	28	Jerry CHITErbury	32554 NorThwood CT NR
é	29	DAVID KENNETT	5603 White Oak Way, NR
-	30	ANNA SHARKOZY	9 OAK DRIVE OLMSTED TWP 44 138
	3+	DORIS THOMAS	15 OAK OR. 334 OLIVE St.
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