

VILLAGE PRESIDENT  
Ray Danford

VILLAGE CLERK  
Jerry Menard

VILLAGE TRUSTEES  
Corby Valentine  
Steve Smith  
Tony Miller  
Rita Baker  
Seth Speiser  
Charlie Mattern

# VILLAGE OF FREEBURG

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

VILLAGE ADMINISTRATOR  
Dennis Herzing

VILLAGE TREASURER  
Bryan A. Vogel

PUBLIC WORKS DIRECTOR  
Ronald Dintelmann

POLICE CHIEF  
Melvin E. Woodruff, Jr.

VILLAGE ATTORNEY  
Stephen R. Wigginton

October 9, 2010

## NOTICE

### MEETING OF THE ELECTRIC COMMITTEE (Blaies/Smith/Miller)

An Electric Committee Meeting of the Village of Freeburg will be held at the Municipal Center, Executive Board Room, **Wednesday, October 13, 2010, at 6:30 p.m.**

### ELECTRIC COMMITTEE MEETING AGENDA

#### I. Items To Be Discussed

##### A. Old Business

1. Approval of September 8, 2010 minutes
2. Switchover of Ameren to Freeburg power
3. Village of Freeburg utility needs analysis
4. Replacement of old power plant doors
5. Franchise Fee (Ameren)
6. Highway lighting
7. Poles in Smithton Park
8. HAPS
9. Contaminated Fuel in Generators
10. Urge testing
11. Lightning strike at old power plant

##### B. New Business

1. Fuel Cost Adjustment
2. Ameren Automated Metering

##### C. General Concerns

##### D. Public Participation

##### E. Adjourn

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

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ELECTRIC COMMITTEE MEETING  
Wednesday, October 13, 2010 at 6:30 p.m.

The meeting of the Electric Committee was called to order at 6:42 p.m. on Wednesday, October 13, 2010 by Chairman Corby Valentine. Committee members present were Chairman Mike Blaies, Trustee Steve Smith, Trustee Tony Miller, Village Administrator Dennis Herzing, Public Works Director Ron Dintelmann and Assistant Public Works Director John Tolan and Office Manager Julie Polson. Guests present: Carl Zetterberg of Ameren, Ken Stanner and Mike Hamilton of Landis & Gyr. Janet Baechle entered late into the meeting.

## A. OLD BUSINESS:

*Trustee Steve Smith motioned to amend the agenda in order to hear the presentation from Ameren on automated metering first and Trustee Tony Miller seconded the motion. All voting aye, the motion carried.*

Carl Zetterberg of Ameren introduced himself and Ken Stanner and Mike Hamilton of Landis & Gyr to the committee. Carl explained that Ameren has approximately 1500 gas meters in Freeburg. They would like to have access to our poles in order to install automated metering. Ameren would own and maintain the meters and L&G owns and maintains the modules and the network devices. They told the committee the benefits to the customers include a reduction in estimated bills, special reads can be done on request and it eliminates the need for manual reads. There is an actual unit called an ICC or concentrator that is installed on the pole which collects the data for the gas readings. They identify the poles that would gain access for the most readings and estimate that they would use 13 - 20 of our utility poles. Ron said he would like to know who would put up the units, who pays the energy costs, etc. Mike advised union contractors are utilized to do the work. Dennis suggested the committee discuss this in next month's meeting so we can come up with a more detailed list of questions and then schedule another meeting with Ameren and Landis & Gyr. They did advise the committee that Smithton, Mascoutah and Highland all participate in the program.

1. Approval of September 8, 2010 minutes: *Trustee Tony Miller motioned to approve the September 8, 2010 minutes and Trustee Steve Smith seconded the motion. All voting aye, the motion carried.*

2. Switchover of Ameren to Freeburg power: Ron provided a list of the homes that have been switched over and said we will be switching Reinneck over Friday. He said on both the Village and Ameren end, we are not ready to switch over certain customers. John said Ameren thinks our linemen are very good to work with and also stated that Ameren won't do any work without a plan. There is no penalty if the work is not completed within 60 days.

3. Village Utility Needs Analysis: Dennis said we have the proposed franchise agreement and said he is of the opinion that we are not ready to take over the gas franchise. Ron said we would have to do that by a referendum. Ron said with handling gas, you need to have trained, certified personnel on call 24/7. Dennis thinks the right approach would be to see if Ameren will agree to a 10-year agreement and we can reassess our position then. He would also like to see the agreement retroactive to the end of the prior contract. He said if we shorten the length of the contract, that may affect Ameren's proposed reimbursement to us. Julie suggested we contact one of the other municipalities whose franchise agreement has expired and see what they negotiated with Ameren. Ron said he can talk to some of the municipalities at the IMEA meeting next week. Dennis will invite Ameren to the next committee meeting.

4. Replacement of old power plant doors: Nothing new.

5. Franchise Fee (Ameren): Dennis said at some point, we need to send a copy of our ordinance to Ameren and advise them they need to pay the 5% fee for their electric utility customers in Freeburg. It would show as a municipal charge on the customer's Ameren bill.

6. Highway lighting: Ron said they will be installing lights by Lucille Recker and also the Kamper farm and then all the intersections will be lighted.

7. Poles in Smithton Park: We are waiting on Smithton to call to have the work done.

8. HAPS: A copy of BHM&G's bid proposal was reviewed. They submitted a proposal to complete the design, engineering, testing, equipment procurement and installation and provide it as a total turnkey project at a cost of \$445,100 with an additional cost of \$30,000 to include the software for the SCADA system. The committee was in full agreement to accept BHM&G's proposal. Dennis noted the cost dropped about \$100,000 from BHM&G's initial estimate.

*Trustee Tony Miller motioned to recommend to the full Board to accept BHM&G's proposal in the amount of \$445,100 to install catalytic converters on units 6, 8, 9, 10, 11 and 12 and also to include the SCADA system software at a cost of \$30,000 and Trustee Steve Smith seconded the motion. All voting aye, the motion carried.*

9. Contaminated Fuel in Generators: Ron will talk with Altorfer to see if we can get the \$1,000 bill reduced. They said we need a new ejector pump on the generator. Altorfer was only supposed to provide a quote to repair the generator. Ron and John both said we have a good working relationship with Altorfer and not want to ruin that.

10. Urge testing: Dennis said we would like to transfer the capacity credits from the old Worthington generator to the newer Catepillar and the IMEA board will have to approve that. Dennis said they will have to re-do the urge testing on these units since we are asking for a higher credit (1800kW).

11. Lightning Strike at old power plant: Ron said the vacuum switches were ordered on 9/24/10. He said we recently found out the ground reactors on units 8 and 9 were damaged but don't have a price yet. He will get Julie that information to submit to the insurance company.

Ron reported that Clark's truck has not been repaired as a part is needed.

**B. NEW BUSINESS:**

1. Fuel cost adjustment: Dennis said our fuel factor is the difference between the amount of kilowatts being bought versus the amount being sold and that amount has been getting bigger over the past several months. Dean Park looked at it and said some of the things we need to look at are our unmetered street lights. We have had several subdivisions pop up and may have several hundred street lights in the Village. We also need to look at the security lights and see if we are charging enough for that service to the resident. We plan on having our crew go around and map out each street light and security light to give us a better number of what we truly have. Dennis said we may want to look at a different way to handle the fuel factor cost and may need to pass along more of the cost to the electric department rather than along to the customer.

**C. GENERAL CONCERNS:** None.

**D. PUBLIC PARTICIPATION:** None.

**E. ADJOURN:** *Trustee Tony Miller motioned to adjourn at 8:05 p.m. and Trustee Steve Smith seconded the motion. All voting aye, the motion carried.*



Julie Polson  
Office Manager

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ELECTRIC COMMITTEE MEETING  
Wednesday, September 8, 2010 at 5:30 p.m.

The meeting of the Electric Committee was called to order at 5:30 p.m. on Wednesday, September 8, 2010 by Chairman Corby Valentine. Committee members present were Chairman Corby Valentine, Trustee Steve Smith, Trustee Tony Miller, Village Administrator Dennis Herzing, Public Works Director Ron Dintelmann, Assistant Public Works Director John Tolan and Office Manager Julie Polson. Guests present: Mike Blaies and Janet Baechle.

## A. OLD BUSINESS:

1. Approval of July 15, 2010 minutes: *Trustee Steve Smith motioned to approve the July 15, 2010 minutes and Trustee Tony Miller seconded the motion.* All voting aye, the motion carried.

2. Switchover of Ameren to Freeburg power: Assistant Public Works Director John Tolan said the meters have been ordered for SAVE and there is a six-week lead time on them. All of Turkey Hill and Rock Hill are ready to be switched over as well as Egelston, Pfannebecker and Parrish. They have almost completed with work for Joseph. Dennis talked to Shane Reinneck who told him he can get some of the corn off if we need him to. Dennis told the committee the easements were recorded today. Shane Krauss called Ameren and they aren't ready to switch over yet. John doesn't think Ameren is worried about the contract deadline of 60 days to complete the switchover. Chairman Valentine said he wants to make sure we keep the residents updated on when the switchover will take place. John said he would like to have a meeting with Ameren to coordinate the actual switchover. He said we are hoping to have Ameren sell us some current transformers for the nursing home switchover but at the present time, they don't want to do that. It would be much easier for us if we could buy them from Ameren and have the switchover done in a much shorter time than if we had to replace the current transformers and put them in. Dennis and Ron will work with Ameren to try and get that figured out.

3. Village Utility Needs Analysis: Dennis advised the committee that he met with Ameren regarding their newly proposed gas franchise agreement and copies were passed around to the committee for their review. They can no longer give away gas for free so they are proposing a sliding scale that starts at \$15,000 for the first year decreasing to about \$5,000 after the 5th year for the remainder of the contract. They are proposing a 20-year contract. Our previous contract was a 50-year term. Dennis said he would like Ron's input on this. He also said we are now receiving gas bills from Ameren for the gas heaters we use at the old power plant. He and John have talked about possibly switching these heaters over to energy efficient heaters through an incentive program from IMEA. John said Ron had mentioned the possibility of shortening the length of the contract to 10 years.

Dennis said he was also contacted by another representative of Ameren wanting to discuss a pole attachment agreement. Ameren will be present at the next committee meeting to discuss that.

4. Replacement of old power plant doors: Nothing new.

5. Franchise Fee (Ameren): Dennis reminded the committee we didn't want to pursue this topic until the switchover of Ameren customers was done. He also said with our electric franchise agreement, we have not been charging Ameren the fee for their customers in the Village limits. He thinks we should send them a copy of the ordinance and advise them to start paying from now on. Trustee Valentine asked if we can do the same thing for gas. Dennis said he would have to check the statute to see if that is possible. Public Works Director Ron Dintelmann came in on this discussion and confirmed that you can do the same for gas.

6. Highway lighting: John had nothing new. Trustee Smith asked how far up the highway are we going with the decorative lights and Ron advised to the area by Norm's Furniture. He also said we have no money in the budget for additional decorative lights.

7. Poles in Smithton Park: We are waiting on Smithton to call to have the work done.

8. HAPS: Dennis provided copies of the information he received from the recent IMEA meeting. Ron said at the present time, units 10, 11 and 12 are not dedicated to full capacity and we need to get full capacity (1825 kw) on units 8 - 12. We don't intend to install a converter on unit 7 and will keep units 1 - 4 as emergency units. We need to keep in mind if we would ever have to fix units 1 - 4, we would need a construction permit from the EPA. Ron said it will be about a 2-year payback to convert the generators in order to keep our generation credits. Ron thinks we need to get the converters ordered by winter-time because of the lead time. BHM&G is working with one manufacturer as the sole source in order to receive a good price on the equipment.

9. Deerfield Electric Service: John said we have not had any problems since the letter was sent. Item can be taken off the agenda.

10. Contaminated Fuel in Generators: John said Equipment Service was able to fix one of the generators for \$600.00. We need to get the other generator back from Altorfer who quoted \$10,000 to fix that one. Altorfer has already taken the generator apart and ordered a replacement pump. John specifically told them not to do any work on it and also said it had to be taken apart to assess the damage done to it. The committee directed John to have them put it back together and send it back to us. We understand there will be a bill for labor.

11. Urge testing: John reported the urge testing went well. He said Bob noticed that what we were reading was different from what IMEA was reading and found out the metering was off due to the lightning strike.

Steve asked if we have done anything with the arc flash and Ron said that is something he will be working on. Corby will talk to his contact to see if he can come out and give us some recommendations.

Dennis reported we had Dean Park of BHM&G come out to look at the ongoing resident issue of being shocked when in their pool. He found a ground tied to the neutral and by disconnecting it, the shock went away. Dean prepared a letter and a copy was passed out to the committee. They agreed to have Dennis make some minor revisions to the letter and send it to the resident. It was noted that the Village repaired the problem and is not charging the resident for that nor the time that Dean Park will be charging us.

Dennis advised the committee that due to the lightning strike, 6 of the 9 capacitors are shot. Dean Park initially thought that you could not get the oil switches anymore but that is not the case. We can replace the switches with oil ones at a cost of \$600 each or upgrade them to a vacuum switch at a cost of \$1,000 each. Dennis will ask for a recommendation letter from Dean Park to purchase the vacuum switches. The committee agreed that we need to purchase the upgraded switches. Dennis said we have provided Dean with a copy of the last couple years of IMEA bills to see the impact the lightning strike will have on our power factor.

**B. NEW BUSINESS:**

1. Damage to bucket truck: John advised that Clark was pulling out of the old sewer plant and the bucket caught the phone line. Altec provided a quote of \$5000 to replace the bucket and make some other minor repairs. Julie advised the insurance company paid \$4300 for the truck repairs and \$250 for the pole. She also informed the adjuster to go after AT&T since their wire was too low.

**C. GENERAL CONCERNS:** None.

**D. PUBLIC PARTICIPATION:** Janet said the employees did a good job of restoring power during the homecoming.

**E. ADJOURN:** *Trustee Steve Smith motioned to adjourn at 6:45 p.m. and Trustee Tony Miller seconded the motion. All voting aye, the motion carried.*



Julie Polson  
Office Manager

**BARNES, HENRY,  
MEISENHEIMER & GENDE, INC.**

Engineers Serving Municipalities and Utilities



October 12, 2010

Mr. Raymond S. Danford  
Village President  
Village of Freeburg  
14 Southgate Center  
Freeburg, IL 62243

REF: Generator Modifications fro NESHAP Compliance  
B11 1353 02

Dear Mr. Danford:

BHMG Engineers is pleased to present this proposal to provide professional engineering and technical services in response to Village of Freeburg's Invitation for Proposals – Generator Modifications for NESHAP Compliance.

BHMG proposes to complete the necessary design engineering and testing, equipment procurement and installation, submit IEPA documentation, and perform compliance testing to provide a total turnkey design/build project as required by the Village's required scope of services for the amount of \$445,100.00. The BHMG proposal includes installing test ports and performing parameter testing to correctly design the diesel oxidation catalysts, modification or replacement of insulation blankets, disposal of scrap material, as well as repair of buildings where crankcase vent pipes are removed as part of the turnkey project.

The proposal is based on diesel oxidation catalysts (DOC) with a cell density of 100 cells per inch. Higher density DOC are available but we believe the proposed density will reduce the potential fouling caused by oil in the exhaust on some of the older engines, which will reduce the need for cleaning the cells and thereby extend the life of the cells.

The optimum DOC installation on one of the Caterpillar generators is expected to require the relocation of a cooling water pipe in the vicinity of the exhaust pipe. The material and labor to complete the modification is included in our proposal; however, BHMG would request the City to drain the pipe and refill it. We will repaint the piping as required.

The USEPA regulation requires measurement and recording of temperature and pressure drop across the DOC. The BHMG proposal includes a basic data logger, which will require additional manipulation of the data to generate reports. BHMG proposes to connect the DOC instrumentation of each unit into the Village's SCADA system for data storage and to facilitate the generation of reports for an additional fee of \$30,000.

BHMG will complete the necessary IEPA documentation for the DOC installation; however, the cost of any filing fees to the IEPA is the responsibility of the Village. Also, the cost related to any legal review of IEPA documents by the Village's attorney is the responsibility of the Village.

BHMG appreciates the opportunity to provide the Village of Freeburg this proposal. Please call at your convenience to discuss any questions that arise.

Sincerely,  
**BHMG Service Corp.**

A handwritten signature in black ink, appearing to read "Lincoln Duncan", written in a cursive style.

Lincoln Duncan, P.E.  
Vice President

Enclosures



## **AGREEMENT FOR THE SALE OF GOODS AND SERVICES**

This Agreement is for the Sale of Goods and Services ("Agreement") made and effective this \_\_\_\_\_, 2010 by and between BHM&G Service Corporation ("Seller") and Village of Freeburg, IL ("Buyer").

Seller desires to sell to Buyer, and Buyer desires to purchase from Seller, certain tangible personal property.

NOW, THEREFORE, in consideration of the mutual promises herein contained, the parties hereto agree as follows:

### **1. Sale.**

Seller agrees to furnish, deliver, install, test, sell, transfer and convey to Buyer, and Buyer agrees to purchase the following tangible personal property (the "Goods"):  
For the Buyer to remain compliant and meet USEPA National Emission Standard for Hazardous Air Pollutants (NESHAP) rules the Seller will install oxidation catalyst on the following reciprocating internal combustion engine (RICE) generator(s) to meet these new hazards air pollution rules (HAP):

Unit # 6, Manufacturer: Worthington, Model SWCGO, 2625 HP Rating  
Unit # 8, Manufacturer: Caterpillar, Model 3516B, 2628 HP Rating  
Unit # 9, Manufacturer: Caterpillar, Model 3516B, 2628 HP Rating  
Unit # 10, Manufacturer: Caterpillar, Model 3516B, 2628 HP Rating  
Unit # 11 Manufacturer: Caterpillar, Model 3516B, 2628 HP Rating  
Unit # 12, Manufacturer: Caterpillar, Model 3516B, 2628 HP Rating

The work shall include Illinois EPA permit applications (as required), emissions testing, design engineering, installation of the oxidation catalyst and exhaust materials, structural supports, catalyst monitoring instrumentation, crankcase ventilation equipment, placing the units in service, record drawings, instruction and operating manuals, test records and training on the new oxidation catalysts, in accordance with BHM&G Service Corp. Proposal No. B11 1353 02.

### **2. Payment.**

The Seller shall submit monthly statements for services based upon the proportion of the work completed at the time of billing. Buyer shall make payment within thirty (30) days following receipt of the invoice, subject to Buyer's right of inspection as

set forth in Section 4 below. In the event that the purchase price is not timely paid, in addition to its other remedies, Seller may impose, and Buyer shall pay, a late payment charge equal to one percent (1%) of the overdue amount each month.

### 3. Shipping.

Seller shall deliver the goods to the Buyer, f.o.b. project site.

### 4. Right of Inspection.

Buyer shall have the right to inspect the goods on arrival and installation of the equipment at Buyer's facility. Within thirty (30) days after delivery and installation, Buyer must give notice to Seller of any claim with respect to the condition, quality or grade of the Goods or non-conformance to this Agreement, specifying the basis of the claim in detail. Seller shall inspect the Goods and installation at Buyer's facilities to confirm that the Goods do not conform. Failure of Buyer to comply with these conditions within the time set forth herein shall constitute irrevocable acceptance of the Goods by Buyer.

### 5. Identification of Goods.

Identification of the Goods shall not be deemed to have been made until both Buyer and Seller have specified that the Goods are to be appropriated to the performance of this Agreement.

### 6. Warranty.

BHMG Service Corporation (Seller) warrants the oxidation catalyst equipment and installation sold and installed by Seller to be free from defects in workmanship and material used in its manufacture and installation during the first to expire of that period (the warranty period) which begins upon unit first being placed in service or upon demonstrated capability to support such service and ends twelve months thereafter; provided that;

- 1) The goods are used in accordance with Seller's recommended procedures and,
- 2) Examination of such defects by Seller confirms the existence of such a defect.

Seller will repair or replace defective covered equipment. This work will be performed during normal working hours. Seller will restore the covered

equipment to its operating condition prior to operational breakdown by repairing and or replacing only the required and consequentially damaged components necessary to facilitate the repair. Seller will disconnect and reconnect the covered equipment to its attached equipment, mounting and support systems, if required. Other parts or components removed in the process of the repair will be reinstalled as is, unless Buyer authorizes additional expense to repair or replace.

Buyer shall operate, maintain and perform all recommended maintenance for the covered equipment according to the guidelines and recommendations as specified in the manufacturer's operating and maintenance guides.

This warranty does not cover a mechanical breakdown caused by acts of God, war, vandalism, riot, theft, explosion, and any other act of nature or man. It does not cover operator abuse, misuse, neglect, accident, improper operation, lack of customary maintenance, failure to follow maintenance procedures and scheduled component inspections or replacements as specified in the manufacturer's guidelines. It does not cover repairs or alterations not performed by Seller.

Seller warrants that the equipment and installation will conform only to those national, federal, state or local laws, ordinances, regulations, codes and standards, as specifically stated in the Seller's offer to sell or agreed to in writing by Seller. This warranty is in lieu of all other warranties, express or implied, including without limitation, warranties or merchantability and fitness for a particular purpose other than that for which it was sold, and all other obligations or liabilities, including liability for incidental or consequential damages. No person is authorized to give any other warranties or to assume any other liability on Seller's behalf unless agreed to in writing by Seller.

#### **7. Transfer of Title.**

Title to and ownership of the goods shall not pass from Seller to Buyer until Buyer has paid in full the purchase price to Seller.

#### **8. Limitation of Liability.**

In no event shall Seller be liable for any special, indirect, incidental or consequential damages arising out of or connected with this Agreement or the Goods, regardless of whether a claim is based on contract, tort, strict liability or otherwise, nor shall Buyer's damages exceed the amount of the purchase price of the Goods.

9. **Taxes.**

Buyer is exempt from payment of sales and compensating use taxes of the State of Illinois and of cities and counties thereof on all materials to be incorporated into the Work, exemption number E9993-6100-06. Buyer will furnish the required certificates of tax exemption to Seller for use in the purchase of supplies and materials to be incorporated into the Work.

10. **Notices.**

Any notice required by this Agreement or given in connection with it, shall be in writing and shall be given to the appropriate party by personal delivery or by certified mail, postage prepaid, or recognized overnight delivery services.

If to Seller:  
BHMG Service Corporation  
630 Jeffco Blvd.  
Arnold, MO 63010

If to Buyer:  
Village of Freeburg  
14 Southgate Center  
Freeburg, IL 62243

11. **Governing Law.**

This Agreement shall be construed and enforced in accordance with the laws of the state of Missouri.

12. **Final Agreement.**

This Agreement terminates and supersedes all prior understandings or agreements on the subject matter hereof. This Agreement may be modified only by a further writing that is duly executed by both parties.

13. **Severability.**

If any term of this Agreement is held by a court of competent jurisdiction to be invalid or unenforceable, then this Agreement, including all of the remaining terms,



# EPA Hazardous Air Pollutants - Generator Compliance Options -

Recently issued US EPA National Emission Standards for Hazardous Air Pollutants (NESHAPS) for Reciprocating Internal Combustion Engines require owners of stationary, engine-driven generators meet new emission limits by May 3, 2013. The regulation limits hazardous air pollutants (HAPS) by limiting CO emissions. Compliance requirements differ depending on the source being an area source, major source, emergency unit and non-emergency unit. BHMG can assist power plant owners with compliance by helping them understand the new rules, prepare the required documentation, engineering and design of exhaust system modifications, and can offer complete turnkey packages through its service company.

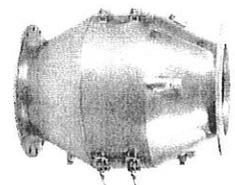
The rule allows owners to specifically classify units as emergency or non-emergency units, which can greatly impact documentation and upgrade requirements. Some units may not be candidates for upgrades due to low exhaust temperatures, and economics may reduce the viability of other units. Each facility should be evaluated in relation to the power supply contract, power plant capacity, engine and generator conditions and other owner-unique parameters to allow an informed decision of how to best move forward.

Most non-emergency engines over 500HP will require a piece of hardware called an oxidation catalyst be installed in the exhaust system along with some basic instrumentation. The oxidation catalyst can be installed indoors or outside, depending on the unique parameters of each engine. Operational data can be stored in basic data logging equipment or imported into a SCADA system to make compliance records easier to create. BHMG can provide engineering services to help owners comply with NESHAP as well as provide turnkey packages including design, installation, and compliance testing.

Contact Marty Thomas or Verbal Blakey at 636.296.8600 for further discussion on what this new rule means to your facility.

BHMG Engineers  
630 Jeffco Blvd  
Arnold, MO 63010  
636.296.8600

Go to [www.bhmg.com](http://www.bhmg.com) for photos of different installations  
click BHMG Service Corporation on upper right side  
click Electric Services on upper left side  
click Power Plant Oxidation Catalysts on left side



will remain in full force and effect as if such invalid or unenforceable term had never been included.

**14. Headings.**

Headings used in this Agreement are provided for convenience only and shall not be used to construe meaning or intent.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed as of the date first above written.

**BHMG Service Corporation**

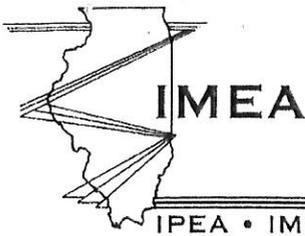
By: \_\_\_\_\_  
(name, title)

For all Work, a Lump Sum of:

\_\_\_\_\_ (words)  
\$ \_\_\_\_\_ (numerals)

**(Buyer)**

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



IPEA • IMUA

3400 CONIFER DRIVE, SPRINGFIELD, IL 62711  
217-789-4632 / FAX 217-789-4642

October 4, 2010

RECEIVED

OCT 08 2010

Mr. Ronald Dintelmann  
Director of Public Works  
600 Dintelmann Lane  
Freeburg, Illinois 62243

Dear Ron:

I spoke with Dennis Herzing regarding Freeburg's request to transfer some of the capacity credit from the Worthington Unit #6 to fully utilize the capability of the newer CAT units #10, 11 & 12 that are currently contract restricted. I indicated that staff will likely need Generation Committee/Board approval to modify the Generation Policy language to accommodate this request. IMEA will also want to retest Units #10, 11 & 12 to verify the desired 1800 kW net output from each unit.

Meanwhile, enclosed you will find a final copy of the 2010 report for the Agency's generator capacity test program. This report should provide a thorough explanation of the testing program along with test data sheets, data summary sheets, and formulas associated with various calculations and other pertinent information.

Until the requested capacity transfer is approved, the 2010 report forms the basis for future capacity payments to the City of Freeburg and determines the net capability expected of each generator when called upon by the IMEA Control Center personnel. Please contact me if you have any questions regarding this report.

Sincerely,

Kevin Wagner  
VP Engineering

CC: Ronald D. Earl, President & CEO  
Alice Schum, VP Operations  
Bob Childers, Sr. VP & CFO  
Scott C. Robison, Staff Engineer

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WWW.IMEA.ORG

**FPWD**

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**From:** "Dean A. Park" <dpark@bhmg.com>  
**To:** "FPWD" <FPWD@FREEBURG.COM>  
**Sent:** Wednesday, October 13, 2010 8:55 AM  
**Subject:** FW: Quote - Freeburg - Reactors

Ron;  
 Here's what we have so far (see below). We expect more information later today.

Dean

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**From:** Brandon J. McEwen  
**Sent:** Tuesday, October 12, 2010 3:33 PM  
**To:** Dean A. Park  
**Subject:** FW: Quote - Freeburg - Reactors

**From:** Oldfather, Janet [mailto:Janet.Oldfather@FR-Electric.com]  
**Sent:** Tuesday, October 12, 2010 3:32 PM  
**To:** Brandon J. McEwen  
**Cc:** Donjon, Brett  
**Subject:** RE: Quote - Freeburg - Reactors

Brandon,  
 The reactor is scheduled to ship from Cooper on 11/5/10. I just called Maysteel again and they advised they would not have an answer until tomorrow.  
 I just wanted to keep you updated.  
 Thanks,  
 Janet

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**From:** Brandon J. McEwen [mailto:bmcewen@bhmg.com]  
**Sent:** Tuesday, October 12, 2010 9:18 AM  
**To:** Oldfather, Janet  
**Subject:** FW: Quote - Freeburg - Reactors

Janet,

See the message below I just sent to Brett, I got a response that he is out of the office. Is there any way you could help me with this? Thanks,

*Brandon McEwen, P.E.*

BHMG Engineers, Inc.

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**From:** Brandon J. McEwen  
**Sent:** Tuesday, October 12, 2010 9:15 AM  
**To:** 'Donjon, Brett'  
**Subject:** RE: Quote - Freeburg - Reactors

Brett,

Ron at Freeburg has a meeting tomorrow for which he would like to know the status of the capacitor bank parts. Can you get a proposed delivery date for the reactors and switches?

Thanks,

*Brandon McEwen, P.E.*

BHMG Engineers, Inc.

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**From:** Donjon, Brett [mailto:brett.donjon@FR-Electric.com]

**Sent:** Thursday, September 30, 2010 11:21 AM

**To:** Brandon J. McEwen

**Subject:** Quote - Freeburg - Reactors

Brandon,

Here's the pricing for Freeburg, hot off the presses this morning.  
Pass this along to them if you could.

Thanks,

**Brett Donjon**

**Electrical Engineer**

**Fletcher-Reinhardt Co.**

**314-506-0700**

**Fax: 314-506-0705**

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Thank you.

# Village of Freeburg

# Automated Metering Infrastructure (AMI)

*October 2010*



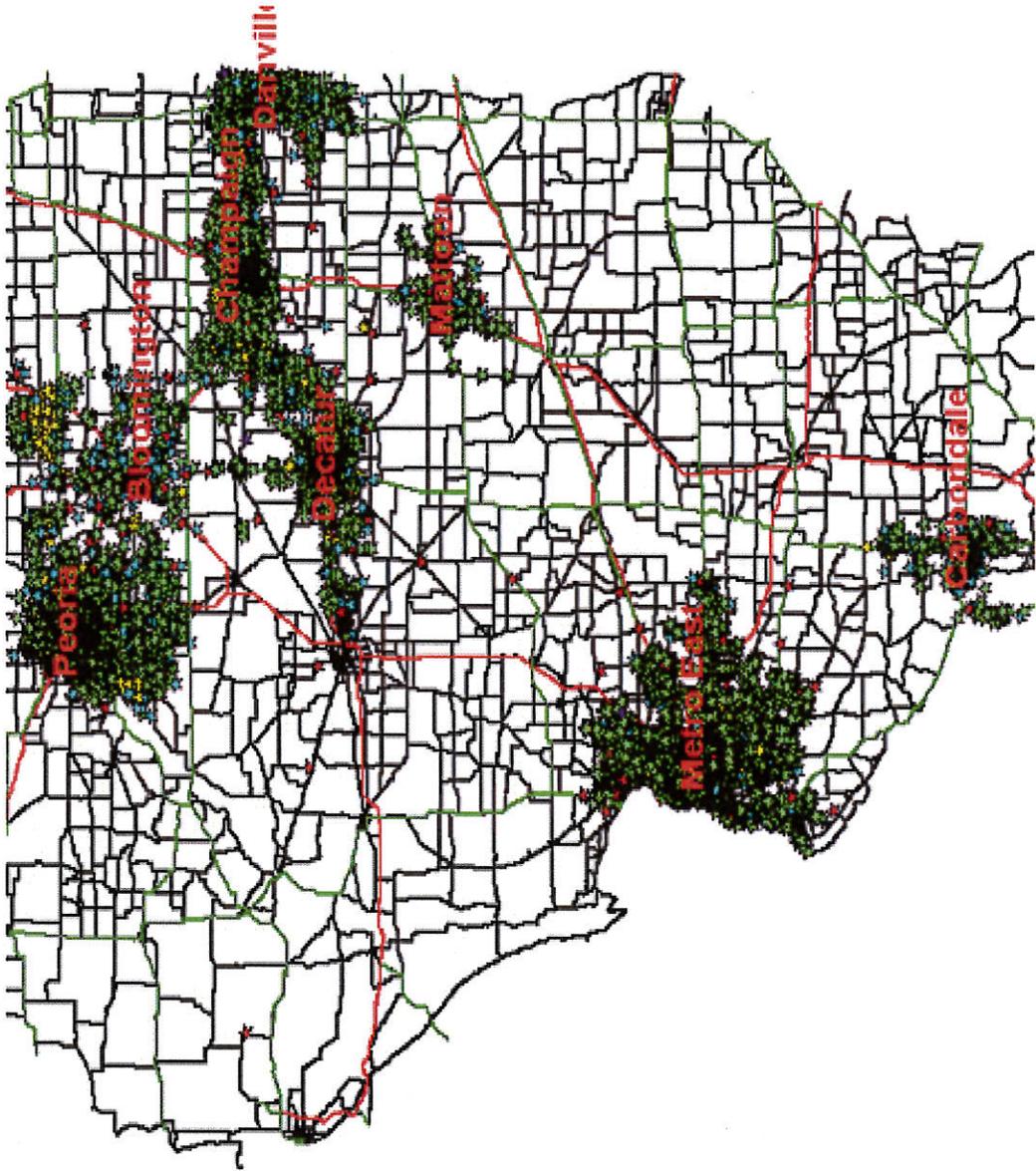
# Overview

- **Ameren Illinois AMI Deployment**
- **AMI Customer Benefits**
- **About Landis + Gyr**
- **AMI Network Infrastructure**
- **Freeburg's Assistance**

# Ameren Illinois - AMI

- Ameren Illinois and Landis + Gyr recently completed a 1.1 million meter AMI expansion project, including 440,000 gas meters and 660,000 electric meters throughout the state of Illinois.
- Ameren has 2.4 million AMR meters deployed across Illinois and Missouri.
- The systems for managing AMR information at Ameren have been in operation since 1995
- Ameren owns and maintains the meters
- L+G owns and maintains the modules and the network devices

# Ameren Illinois - AMI



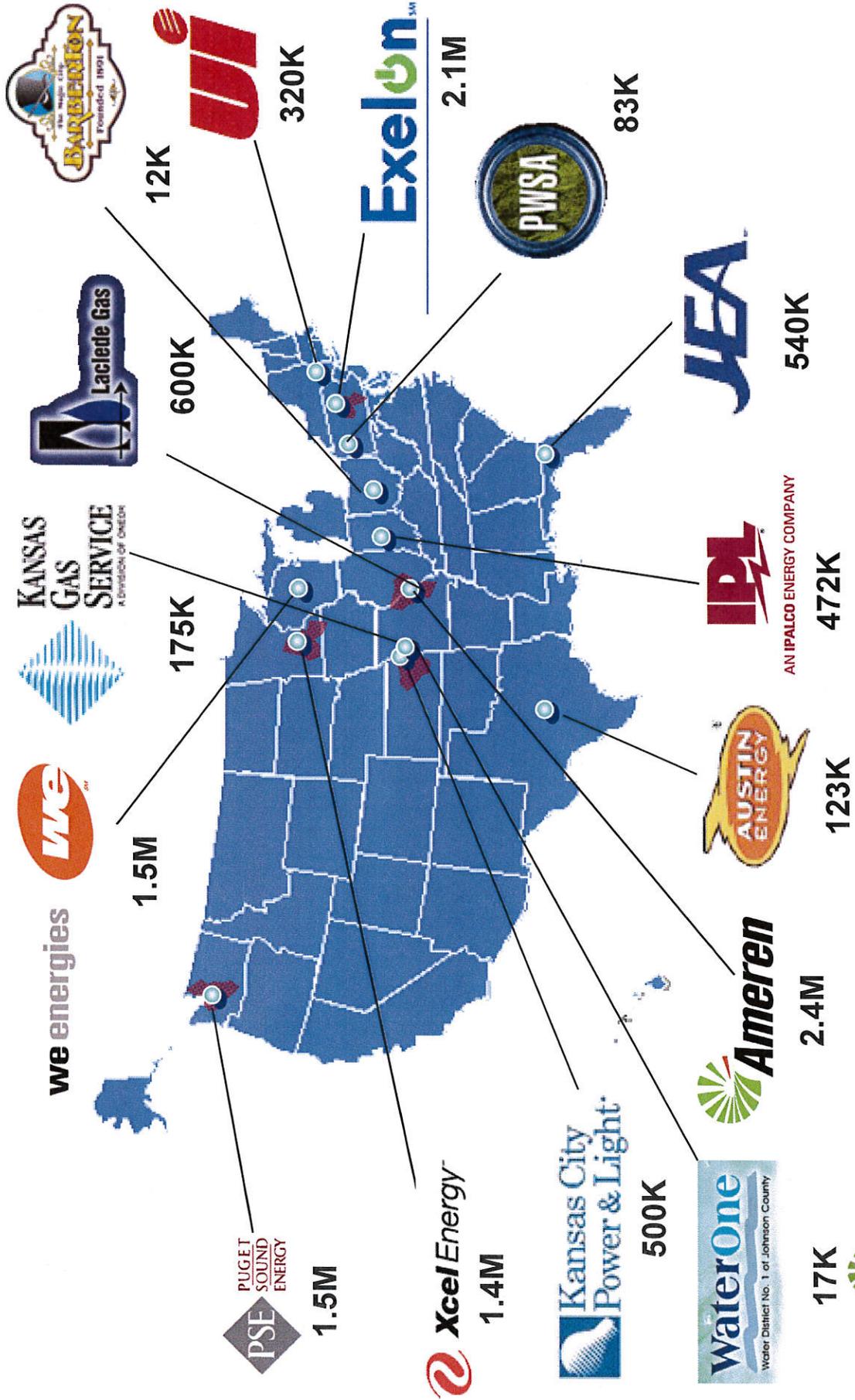
# AMI Customer Benefits

- Estimated Bills Reduced
- Special Read Requests on Request
- Convenience for customers - no appointments or special access
- Less intrusion on customer property
- Virtually eliminates manual reads
- Availability of 90 days of daily usage

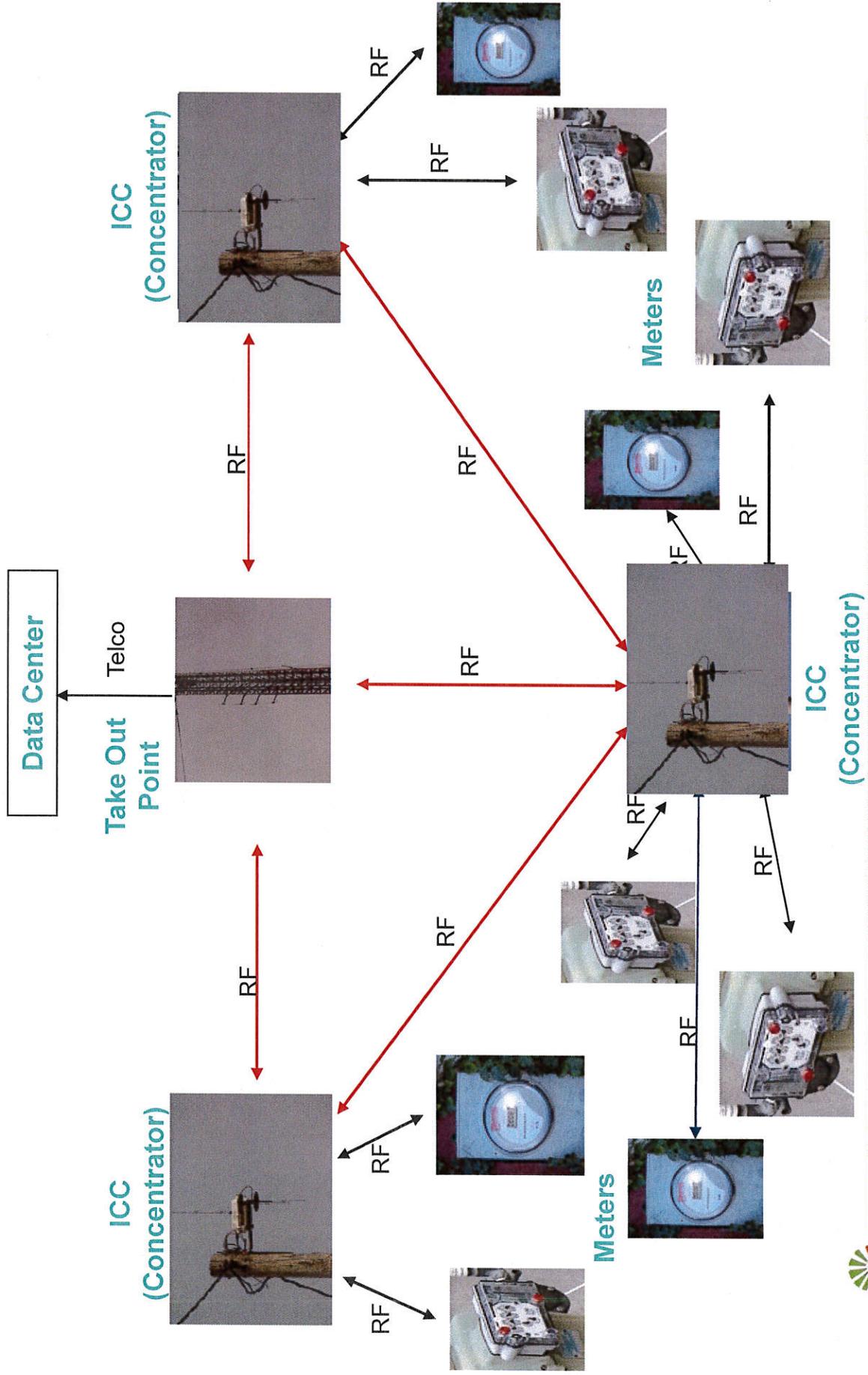
# About Landis + Gyr

- Headquartered near Atlanta Georgia
- St. Louis Office supporting the Ameren Operations
- Currently has over 3.4 million AMR-equipped meters deployed across Missouri and Illinois
- The systems for managing AMR information at Ameren have been in operation since 1995
- Approx. 14.5 million meters across the United States are currently read utilizing Landis + Gyr equipment and services
- Network Performance AMI exceeds 97%

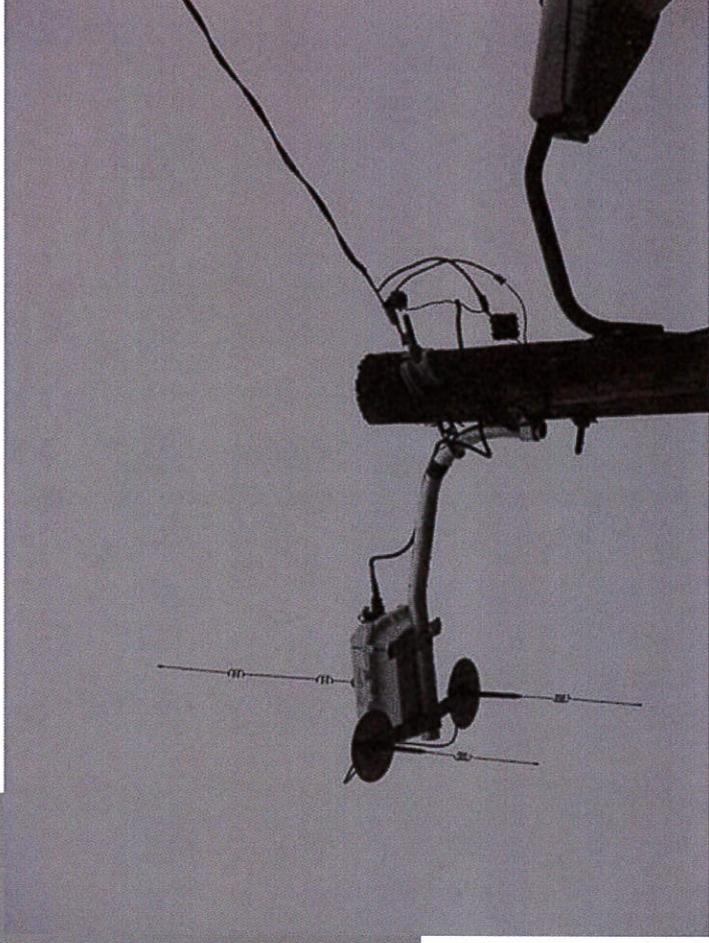
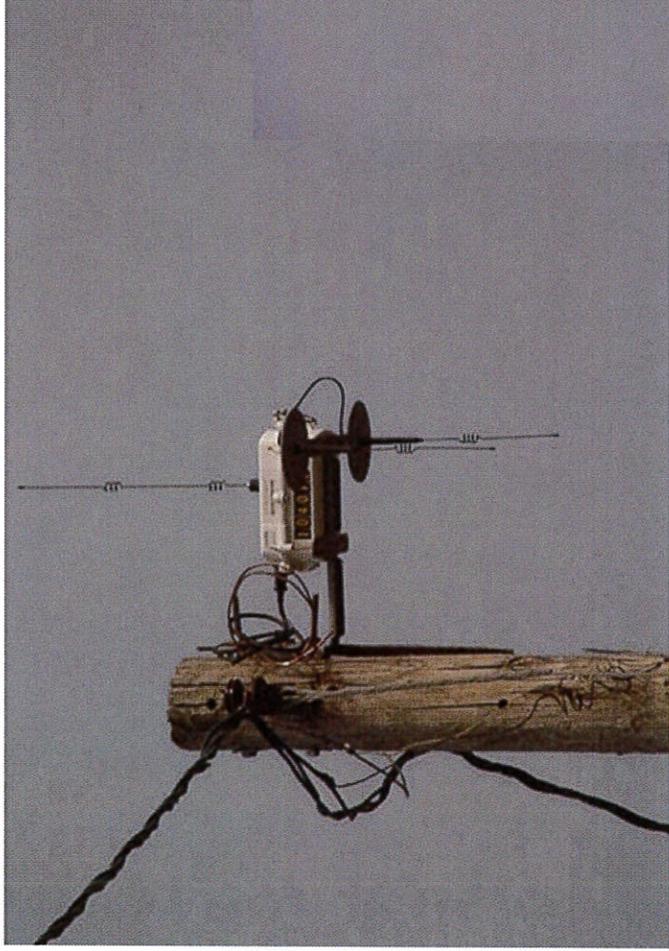
# L+G Customers



# The AMI Network



# Network – Example of ICC (infinite concentrator)



# Freeburg Assistance

- L+G cannot communicate to approx. 1500 gas meters due to insufficient network coverage.
- L+G would like to re-visit the possibility of access to approx. 20 Freeburg Utility Poles for ICC installation.
- Follow-up meeting with L+G to discuss specifics.

# Questions?

# Thank You

