

## MEMORANDUM

TO: Village President and Board of Trustees

FROM: Robert O. Barber, Village Administrator



DATE: Friday, June 23, 2017

RE: VILLAGE ADMINISTRATOR MATERIALS FOR VILLAGE BOARD MEETING

BOARD MEETING DATE: *Monday, June 26, 2017 at 7:00 p.m.*

## A G E N D A

I. PLEDGE TO THE FLAG

II. ROLL CALL

III. APPROVAL OF MINUTES OF THE PREVIOUS MEETINGS OF THE MONTH

IV. VILLAGE CLERK REPORT

V. RECOGNITION OF AUDIENCE

A. FINANCE AND ADMINISTRATION COMMITTEE - Frank Basile, Marcy Meyer

1. CONSIDER AN ORDINANCE AMENDING THE CODE PERTAINING TO COMMITTEE STRUCTURES OF THE VILLAGE BOARD. This ordinance does not change any current practice that we have, but corrects a codification error which occurred when we made to changes our committee structure four years ago. Apparently the Public Safety Committee was listed twice and the Public Works Committee was not inserted. This ordinance corrects those errors.

2. VILLAGE RECEIVED LOWEST BID FROM CONSTELLATION ENERGY FOR STREET LIGHTING. We have been on the open market for electric power for street lighting since short term rates were dropping. However, our broker NIMEC found a window and went to bid on 1 year, 2 year, and 3 year rates. The current rate we pay is 3.222 cents per kwh. The rate is going up to 3.803 cents per kwh effective June 1<sup>st</sup>. The Village has selected the three year bid of 3.117 cents for a period of three years. This new rate will save the Village about \$1,000 per year over the next three years, or about 2% of our street lighting bill. Please see the enclosed report.

3. COMMONWEALTH EDISON RELEASES ITS ANNUAL REPORT FOR BEECHER. Please see the enclosed report. This is only the public portion of the report which is being provided.

4. AUDIT PROCESS BEGINS. Initial field works has been completed and the full audit team will be on site the last week of July to review our financial records for the prior year.

5. VILLAGE LOCKS IN NATURAL GAS PRICES FOR 25 MONTHS WITH SANTANNA GAS. The Village pays little in the way for natural gas due to franchise agreements but for those accounts where we do receive bills the Village locked in the gas price per them at \$0.0459 for the next 25 months. The current rate is \$0.0499 per therm for small commercial accounts.

6. VILLAGE RECEIVES NEW BOND RATING FROM STANDARD AND POORS. We have dropped from an AA+ Strong Outlook to an AA Negative Outlook. The new rating is still better than our 2009 rating of A+ but we had come so far to only take this step backward. We knowingly made these decisions by using cash reserves for the new village hall (which briefly dipped our reserve levels below \$500,000 and are planned use of cash reserves for the Gould Street boardwalk. We are also located in a state having a fiscal crisis and the fear is that the local governments are going to pay for this mess down the road. So, in light of these facts an AA rating for our small town still puts us at the high end of the bell curve on ratings. Please see the enclosed report.

7. CONSIDER A MOTION AUTHORIZING A TEMPORARY LOAN (NOT TO EXCEED SEVEN DAYS) FROM THE GENERAL FUND UP TO THE AMOUNT OF \$20,000 FOR THE BEECHER FOURTH OF JULY COMMISSION CELEBRATION. The Commission is a little short again this year since the Beer company wants to be paid up front for all of the product to be used during the festival. State law requires that all wholesale liquor be paid for before it is sold at retail. Since this is a five day festival, we are expecting a rather significant down payment. There also has to be sufficient funds to bankroll the stands on opening day. The Commission has \$20,000 on account after paying for the car but the Commission Treasurer does not want to write an overdraft check to the Beer company even though it will not be cashed until July 3<sup>rd</sup>. There are also bands to pay and other items just before the open. The Village did this for them last year to the tune of \$25,000 since their reserves were so tight after building the new picnic pavillion. The Commission needs to build up its reserves again to handle this opening day crunch. Last year they made \$40,000 after going into the festival without a dime but the Commission paid for the car and made deposits on bands. Since it is not known right now exactly what is needed, Trustee Meyer who is the Fourth of July Treasurer will provide the exact amount at the meeting. It may only be \$10,000.

B. PUBLIC BUILDINGS AND PROPERTIES, PARKS AND RECREATION COMMITTEE  
- Scott Wehling, Todd Kraus

1. PARK RULES UPDATE. Staff has provided comments to the proposed rules that have been proposed by the Committee Chair and the next step is to have a meeting to get through those. Perhaps this can be a joint meeting with the Public Safety Committee.

2. FIREMEN'S BALL PARK LIGHTS REPAIRED. The Village received word from Beecher Rec that one of the poles was shorting out in Firemen's #1. Since we just paid to have all the lights re-done last year this was disturbing. However, a short was found in the electrical panel which had nothing to do with the lights. This short was repaired and all the lights are up and running again.

3. DEPOT PARK MAINTENANCE UPDATE. The Supt. will provide the Board with an update on the maintenance of this park since it became public works responsibility this year.

C. PLANNING, BUILDING AND ZONING COMMITTEE - Stacy Mazurek, Jonathan Kypuros

1. BUILDING DEPARTMENT MONTHLY REPORT is enclosed for your review.

2. CONSIDER AN ORDINANCE AMENDING THE ZONING CODE PERTAINING TO THE USE OF SOLAR PANELS AND SOLAR ENERGY. The PZC has been working on a draft ordinance which deals with this new technology because our present zoning code is silent on the use of solar energy. If you recall we recently amended the code to deal with wind energy. This proposed ordinance will allow roof-mounted solar panels in all zoning districts as long as they do not protrude over or off the side of the roof. Stand-alone solar panels or a "solar panel farm" would only be permitted as special uses only in the Agricultural, Industrial, Residential Estate Districts where setbacks would apply. If the solar power is being sold to a utility in lieu of being used on site more conditions apply, including a minimum lot size of 10 acres. This new ordinance should cover any question that comes up with the use of this new technology. After public hearing on June 22<sup>nd</sup>, the PZC unanimously recommended approval. Please see the enclosed ordinance.

3. PZC CONSIDERS VARIANCE FOR A SECOND DETACHED ACCESSORY STRUCTURE AT 607 PENFIELD STREET. A public hearing is scheduled for this matter on July 27<sup>th</sup>. Staff does not see any problems with this request.

4. VILLAGE SUBMITS APPLICATION FOR LOCAL TECHNICAL ASSISTANCE GRANT FROM C.M.A.P. TO UPDATE ITS LAND USE PLAN. Please see the enclosed application. We will not know until September if we are in the running. We did budget \$8,000 as our 20% local match for this \$40,000 project.

D. PUBLIC SAFETY COMMITTEE - Todd Kraus, Scott Wehling

1. POLICE DEPARTMENT MONTHLY REPORT is enclosed for your review.
2. EMERGENCY MANAGEMENT MONTHLY REPORT is enclosed for your review.
3. CODE ENFORCEMENT MONTHLY REPORT is also enclosed for your review.
4. HODGES STREET RAILROAD CROSSING UPDATE. The seven day traffic count during a non-school week showed 300 cars eastbound and 300 cars westbound per day. A request has also been sent out to the fire district and the school district regarding their opinion of the crossing. The fire chief has expressed concerns about the closure since it limits his ability to attack a fire in the old downtown area from two directions and he would be opposed. The school district has not yet discussed its position. We have to take a count of traffic when school is in session to see the difference in the numbers. We also plan to survey the residents within a one block area of the crossing to get their opinion.
5. COMMITTEE TO MEET TO DISCUSS NON-HIGHWAY VEHICLE ORDINANCE, RV PARKING REGULATION CHANGES AND NUISANCE CODE UPDATES. At the last meeting under new business the issue of allowing non highway vehicles the use of Village streets was brought up. The Village President has referred this to committee for the drafting of the ordinance. The Village President also had some issues pertaining to RV parking and a pond maintenance code that he wants the committee to address and perhaps draft new ordinances. The committee plans to meet this week and have material for the Village Board to consider at the July meeting.

E. PUBLIC WORKS COMMITTEE - Jonathan Kypuros, Stacy Mazurek

1. WATER DEPARTMENT MONTHLY REPORT is enclosed for your review.
2. SEWER DEPARTMENT MONTHLY REPORT is enclosed for your review.
3. SEWER PLANT DESIGN UPDATE. A follow-up meeting was held on June 6<sup>th</sup> to resolve all outstanding issues and the plant is now 90% designed. Around July 15<sup>th</sup> the plans will be submitted to IEPA for review and once those plans are approved the Village will go to bid on the project in September. Bids will be opened in October and we will then meet to decide what to leave in the project and what to cut depending on the the IEPA loan offer that is made. We will also need 120 days on the bid because the IEPA is slow in approving a loan as we have learned from the Penfield watermain project.
4. PENFIELD WATERMAIN UPDATE. Speaking of which, this project is over 50% complete and moving smoothly. The Supt. can provide an update.

5. CONSIDER A CHANGE ORDER TO THE PENFIELD WATERMAIN PROJECT TO INCLUDE AN EXTENSION OF MAIN NORTH FROM PENFIELD TO PARK LANE ON BIRCH. The engineer will have an exact price for this change order at the meeting. This 200 foot section of main would be used to connect two long service connections and one hydrant currently running north from Penfield along Birch Drive. This section also provides a loop for this block. This section was included in an original design of the project but was cut due to engineer estimates exceeding our borrowing power. We now have a bid which is \$31,000 below our loan value. We also have another \$70,000 available from a loan advance we received for the design of the main. The unit costs are excellent so the time is now to add this piece into the project. A firm price will be provided at the meeting at which time we can consider the change order.

6. CURB AND SIDEWALK REPAIR UPDATE to be provided by the Supt.

7. I.E.P.A. CONDUCTS COMPLIANCE FIELD INSPECTION OF SEWER PLANT and this inspection report is enclosed for your review.

8. I.E.P.A. TO CONDUCT COMPLIANCE INSPECTION OF VILLAGE'S MS4 STORMWATER DISCHARGE TO THE CREEK PERMIT. This must be the year that Beecher is in the IEPA's eye. We will also be undergoing an inspection of our plans and procedures for making sure only clean water is discharged into Trim Creek, which is considered a recreational waterway.

9. I.D.O.T. NOTIFIES VILLAGE OF SHUTDOWN COMING ON JULY 1<sup>ST</sup>. This should come as no surprise and right now the only two things that may affect Beecher is that the planned shoulder widening of Route #1 will be delayed and the mowing of the state rights of way outside of town may not get completed. Please see the enclosed letter.

10. CHESTNUT/WILLOW STREET LIGHT UPDATE. The Village has met with Com Ed to determine a routing for the electrical service lines. Com Ed wants the Village to put up the lights and run the cable to their transformers in the rear yard easement and then these become Rate 25 lights owned and maintained by the Village. The Village would have to secure the easements between the homes in order to dig in the cable. Installing the lights will be easy but obtaining the easements will be more cumbersome. Once we get the routing of the cables we will work on obtaining the easements. We have already been told by two property owners when doing our field work they do not want any poles in their parkways.

#### F. ECONOMIC DEVELOPMENT AND COMMUNITY RELATIONS COMMITTEE - Marcy Meyer, Frank Basile

1. GOULD STREET BOARDWALK UPDATE. Work is scheduled to begin right after the Fourth of July. With the change order discussed at the last Board meeting we will be going with aluminum railing with the total cost of the project at \$49,900 which is below our budgeted amount from the project. The project will be complete by Labor Day. Business owners will be

notified once we get an exact start date.

2. RESULTS OF H.I.T.S. GRAND OPENING AT BALMORAL. Three Trustees attended this event on June 10<sup>th</sup> and an update will be provided.

3. COMMITTEE TO BEGIN WORK ON A FACEBOOK PAGE. After the Fourth of July the Committee will meet to come up with some protocols and possible vendors for a Village of Beecher Facebook Page. We hope to have this page up and running by this Fall.

#### G. VILLAGE PRESIDENT REPORT

1. CSX CRETE INTERMODAL UPDATE.

2. SESQUICENTENNIAL IN 2020. This was discussed at the Village Board meeting last month and after some consideration the Village President believes that this should be referred to the economic development and community relations committee for developing a plan.

3. VILLAGE PRESIDENT RECEIVES RESPONSE LETTER FROM I.D.O.T. ON ADDITIONAL LIGHTING NEEDED ON ROUTE #1 FROM GOODENOW TO CHURCH ROAD. This letter is enclosed and references the upcoming shoulder widening project.

4. REQUEST FOR CLOSED SESSION TO DISCUSS CONTRACTS WITH PERSONNEL. This may require the Board to come back into open session to take action on these contracts.

#### H. OLD BUSINESS

I. ADJOURN INTO EXECUTIVE SESSION (if necessary)

#### J. RETURN FROM EXECUTIVE SESSION

1. CONSIDER ORDINANCES AUTHORIZING EMPLOYMENT AGREEMENTS WITH THE VILLAGE ADMINISTRATOR, CHIEF OF POLICE, OFFICE MANAGER AND PUBLIC WORKS SUPT.

2. CONSIDER AN MEMORANDUM OF UNDERSTANDING WITH THE LT. OF POLICE

#### K. NEW BUSINESS

#### L. ADJOURNMENT

**MINUTES OF THE REGULAR MEETING OF THE PRESIDENT  
& BOARD OF TRUSTEES OF THE VILLAGE OF BEECHER  
HELD AT THE BEECHER VILLAGE HALL,  
625 DIXIE HIGHWAY, BEECHER, ILLINOIS  
JUNE 12, 2017 -- 7:00 P.M.**

All present joined in the Pledge to the Flag.

President Pro-Tem Wehling called the meeting to order.

**ROLL CALL**

PRESENT: Trustees Basile, Meyer, Mazurek, Kypuros and Wehling.

ABSENT: President Szymanski and Trustee Kraus.

**STAFF PRESENT:** Clerk Janett Conner, Administrator Robert Barber, Chief Jeffrey Weissgerber, Superintendent of Public Works Bud Cowger and Treasurer Donna Rooney.

**GUESTS:** None.

President Pro-Tem Wehling asked for consideration of the minutes of the May 22, 2017 Board meeting. Trustee Meyer made a motion to approve the minutes as written. Trustee Mazurek seconded the motion.

AYES: (5) Trustees Basile, Meyer, Mazurek, Kypuros and Wehling.

NAYS: (0) None.

Motion Carried.

**REPORTS OF VILLAGE COMMISSIONS**

Superintendent Cowger provided a report on the Beautification Commission. Flowers are up and being watered.

Trustee Meyer provided an update on the Fourth of July. At the last meeting there was no quorum but work is being done at the park to get ready for the festival. Rides will be in the park this year.

Trustee Mazurek reported on the Youth Commission. The Commission will be receiving annual funding from the Village in the bills being paid this month. The next meeting will be held on Wednesday, June 21<sup>st</sup> at 7:30 p.m. at the Village Hall.

Trustee Basile provided a report on the Ribbon of Hope. Dead bushes have been removed and benches are purchased and being assembled. Bricks are being engraved and will be installed in the fall.

Trustee Wehling provided a report on the Historic Preservation Commission. The next meeting is June 21<sup>st</sup> at 6:30 p.m. at the Depot. The meeting time was changed to evening so it is more convenient for those who would like to attend. He is working on the plaque program. The Historical Society will be greeting the cars for the Drivin' the Dixie on Saturday, and stamping their cards.

#### **A. FINANCE AND ADMINISTRATION COMMITTEE**

**TREASURER'S REPORT:** A copy of the Treasurer's report was provided to the Board for review and the Treasurer was present to answer questions. Trustee Basile made a motion to approve the Treasurer's Report and the Report of Financial Activity in the prior month. Trustee Meyer seconded the motion.

AYES: (5) Trustees Basile, Meyer, Mazurek, Kypuros and Wehling.

NAYS: (0) None.

Motion Carried.

Variance reports for the preceding month were provided in the packet for review.

A list of bills totaling \$201,673.28 to be paid was available for review. A summary of the list of bills was provided. Trustee Basile made a motion to approve payment of the list of bills as presented. Trustee Meyer seconded the motion.

AYES: (5) Trustees Basile, Meyer, Mazurek, Kypuros and Wehling.

NAYS: (0) None.

Motion Carried.

**ORDINANCE #1264** - An Ordinance establishing the prevailing rate of wages for Fiscal Year 2017/2018. Trustee Basile made a motion to approve Ordinance #1264. Trustee Meyer seconded the motion.

AYES: (5) Trustees Basile, Meyer, Mazurek, Kypuros and Wehling.

NAYS: (0) None.

Motion Carried.

The Attorney and Staff recommended granting an easement to ComEd in the right of way for power distribution and maintenance activity to clean up a legal matter not property recorded to allow ComEd to be in the State right of way so they can replace poles along Dixie Highway later this year. Trustee Wehling made a motion granting an easement to ComEd in the right of way. Trustee Basile seconded the motion.

AYES: (5) Trustees Basile, Meyer, Mazurek, Kypuros and Wehling.

NAYS: (0) None.

Motion Carried.

**RESOLUTION #2017-06** - A Resolution authorizing an appropriation of Motor Fuel Tax funds for Fiscal Year 2017/2018. Trustee Kypuros made a motion to adopt Resolution #2017-06. Trustee Meyer seconded the motion.



AYES: (5) Trustees Basile, Meyer, Mazurek, Kypuros and Wehling.  
NAYS: (0) None.  
Motion Carried.

### **OLD BUSINESS**

Trustee Meyer said with the motion made at last meeting about the Gould Street boardwalk that we didn't have bids for aluminum railing but have some prices now. T&K changed the bid and removed the amount for wood railing, added the cost for bracing and installation of aluminum railing. The overall cost of the bid with the change is \$49,311.09 for the boardwalk and the railing and bracing. There were no objections from any Board members.

### **NEW BUSINESS**

Chief Weissgerber reported that the squad car state bid price increased over the budgeted item. He would like to go ahead and order the new squad. He said he is able to find additional money in his budget to cover this additional cost. Chief Weissgerber asked if any Board members had any comments or objections. Trustee Kypuros felt as long as it stays within overall budget he had no problem with it. No other Board members had any objections. Board members also had no problem with ordering the car and having Treasurer write the check.

Trustee Kypuros said there are a couple of golf carts driving in town and he felt Beecher should have a local ordinance regulating these, similar to how other towns do, as an unlicensed motorized device. Chief Weissgerber said there is a state statute regarding low speed vehicles but that does not apply to golf carts. Staff will look at Manteno's ordinance and have Attorney Kuiper draft one for Beecher.

Clerk Conner asked Board members to let her know who would like to be in the parade.

There being no further business, President Pro-Tem Wehling asked for a motion to adjourn. Trustee Basile made a motion to adjourn the meeting. Trustee Kypuros seconded the motion.

AYES: (5) Trustees Basile, Meyer, Mazurek, Kypuros and Wehling.  
NAYS: (0) None.  
Motion Carried.

Meeting adjourned at 7:32 p.m.

Respectfully submitted by:

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Janett Conner  
Village Clerk

## Robert Barber

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**From:** Tim Kuiper <tkuiper@austgenlaw.com>  
**Sent:** Wednesday, May 24, 2017 3:47 PM  
**To:** Robert Barber  
**Cc:** Greg Szymanski (gszymanski@villageofbeecher.org)  
**Subject:** RE: Committee Ordinance  
**Attachments:** Ordinance replacing 1-6-6(E) (2017).doc

Bob:

I have attached a draft Ordinance to correct the recently discovered error in the 2014 Committee Ordinance in Village Section 1-6-6. Although the Ordinance appears lengthy, the only change in Village Code Section 1-6-6(E) is to delete "Public Safety Committee" and insert in its place "Public Works Committee" to correct the mislabeling. Please review and let me know if you have any questions. Otherwise, please place on an upcoming Board agenda for review and approval.

Thank you.

*Timothy R. Kuiper*

AUSTGEN KUIPER JASAITIS P.C.  
130 N. Main Street  
Crown Point, Indiana 46307  
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**VILLAGE OF BEECHER, WILL COUNTY, ILLINOIS**

**ORDINANCE NO. \_\_\_\_\_**

**AN ORDINANCE REPLACING VILLAGE CODE SECTION 1-6-6(E) OF THE VILLAGE OF BEECHER, AND REPEALING ALL VILLAGE CODE SECTIONS AND ORDINANCES, OR PARTS THEREOF, IN CONFLICT THEREWITH.**

**WHEREAS**, the Corporate Authorities of the Village of Beecher, Will County, Illinois, amended and replaced Village Code Section 1-6-6 in 2014; and

**WHEREAS**, the Corporate Authorities of the Village of Beecher, Will County, Illinois, have been advised that in the 2014 Ordinance the “Public Works Committee” was inadvertently labeled as “Public Safety Committee”; and

**WHEREAS**, the Corporate Authorities of the Village of Beecher, Will County, Illinois, have reviewed Village Code Section 1-6-6(E) and proposed revision to correct the mislabeling; and

**WHEREAS**, the Corporate Authorities of the Village of Beecher, Will County, Illinois, having reviewed the Village Code Section 1-6-6(E), now concur that it is advisable, necessary, and in the best interests of the residents of the Village of Beecher to amend Village Code 1-6-6(E) to change “Public Safety Committee” to “Public Works Committee”.

**BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BEECHER, WILL COUNTY, ILLINOIS, AS FOLLOWS:**

**SECTION ONE:** That subsection (E) of Section 1-6-6, entitled “Rules of Order and Procedures,” of Chapter 6, entitled “Village Board of Trustees,” of Title 1, entitled “Administration,” of the Village Code of the Village of Beecher, be, and the same is hereby replaced to read and provide as follows, namely:

**1-6-6: RULES OF ORDER AND PROCEDURES:**

“(E) Standing Committees of the Village Board of Trustees:

1. Membership: The Village Board of Trustees shall operate under a committee of the whole structure and the village administrator form of government. Committees are established with a view towards making recommendations to the full Village Board of Trustees, which is the final authority in all matters. Each established committee shall consist of a Committee Chair and Co-Chair. The President subject to approval of the Village Board of Trustees, shall appoint each Chairman and Co-Chair at the first meeting in May of each year, or as soon as practical thereafter. However, no one Village Trustee may hold more than two (2) chairmanships. Appointments shall terminate on an annual basis after a successor is appointed. No committee may take formal action on any matter except for authorizing staff to make purchases or to enter into contracts below any applicable statutory bidding levels and only in instances where sufficient funding and budgeting has been previously provided and ordained.

## 2. Definitions:

**COMMITTEE CHAIRPERSON:** Shall chair all meetings of the committee, set the agenda for committee meetings and make committee reports to the Village Board of Trustees.

**COMMITTEE CO-CHAIRPERSON:** Shall act in the absence of the committee chairperson and shall attend all meetings of the committee as its only other officer.

**COMMITTEES:** Each Village Trustee is a member of each committee. The chair and co-chair of each committee shall attend all committee meetings and represent the leadership of the committee. Committee meetings will be called by the Chair, or Co-Chair, at any time provided that 48 hour notice is given, and due notice in compliance with applicable statutory requirements has been posted.

**ROLE OF VILLAGE PRESIDENT:** The Village President shall sit on all committees and have the right to participate as a committee member.

## 3. Enumerated Standing Village Committees: The following standing committees of the Village Board of Trustees are hereby created:

- (a) **Finance And Administration Committee:** The Finance and Administration Committee shall be responsible for all matters pertaining to the Village's financing, including, but not limited to, budget, appropriation, audits, levies, fees, rates, and other matters. Additionally, committee authority shall exist in areas of personnel policies, insurance, benefits, legal matters, employees and the like.
- (b) **Public Works Committee:** The Public Works Committee shall be responsible for all equipment, projects, and personnel assigned to the Public Works Department and any Village Utility. Additionally, authority exists in the area of allocation and funding of motor fuel tax projects, drainage, storm sewers, plowing, mowing, refuse collection, recycling, sanitary sewer and water operations, capital improvements, public works employees, and other matters related thereto.
- (c) **Public Health and Safety Committee:** The Public Health and Safety Committee shall be responsible for all items pertaining to ESDA, the police department, mosquito abatement, animal control, nuisances, and other related matters.
- (d) **Public Facilities, Parks, and Recreation Committee:** The Public Facilities, Parks, and Recreation Committee shall be responsible for all municipal buildings, parks, and other Village owned or leased real estate, including compliance with OSHA, IDOL, ADA, and other state and federal laws regarding building safety and access. This Committee shall also maintain responsibility for making recommendations relating to the maintenance and operation of the Village's park system and recreational areas, unless or until this function is assumed by a duly enacted park district.
- (e) **Planning, Building, and Zoning Committee:** The Planning, Building and Zoning Committee shall be responsible for oversight of all aspects of planning, building, zoning, and code enforcement in and around the Village. This Committee will coordinate the efforts and

activities of the PZC, Building Department and Administrative staff when planning issues, new subdivisions, special uses, variances or change to the Village land use plans, subdivision, zoning, and building code are proposed.

- (f) Economic Development and Community Relations Committee: The Economic Development and Community Relations Commission shall be responsible for the promotion and oversight of economic development and redevelopment activities, community relations, and other matters related thereto. This Committee shall work closely with the Village President, Planning, Building and Zoning Committee, and Planning and Zoning Commission on all economic development matters. This Committee will also assist staff in the negotiation of preliminary annexation agreements at the appropriate time regarding the extension of sewer and water lines, streets, impact fees, developer contributions and other capital improvements related to a new development prior to formal consideration by the Village Board and formal hearings. Further, this Committee shall be responsible for oversight, including setting policies, of all aspects of Village communications and relations with the residents and greater community, including, but not limited to the Village's website, newsletter, cable television, WPAL, and other means of Village communications.
- (g) Committee of the Whole: The Committee of the Whole shall consist of a meeting of all members of the Corporate Authorities for the purposes of discussing major issues which overlap committee assignments or affect the policies of several committees. The Village President shall Chair the meetings of the Committee of the Whole.
- (h) Other Commissions: The Village Board of Trustees may establish any other non-statutory commissions and other committees determined necessary for the Village. At the first meeting in May of each year, the Village President shall also appoint standing citizen volunteer committees of the village. These shall include, but are not limited to, the Fourth of July commission, youth commission, historical preservation commission, veteran's memorial commission, and the beautification commission. At least one Village Trustee shall be appointed to each commission or committee established by the Village Board of Trustees. All appointments made by the Village President are subject to Village Board of Trustees' approval."

**SECTION TWO:** That all existing Ordinances and Village Code provisions, or parts thereof, in conflict with the provisions of this Ordinance, are hereby deemed null, void, and of no legal effect, and are specifically repealed.

**SECTION THREE.** That this Ordinance shall be in effective after its passage by the Village Board, its approval by the President, and its publication as required by law.

**PASSED** and **APPROVED** this \_\_\_ day of June, 2017.

Yeas: \_\_\_\_\_  
Nays: \_\_\_\_\_  
Abstain: \_\_\_\_\_  
Present: \_\_\_\_\_

\_\_\_\_\_  
Greg Szymanski, Village President

**ATTEST:**

\_\_\_\_\_  
Janett Conner, Village Clerk

## Robert Barber

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**From:** David Hoover <dhoover@nimec.net>  
**Sent:** Wednesday, June 21, 2017 2:29 PM  
**To:** NIMEC Members  
**Subject:** Street Light Bid



Dear Members,

I am pleased to report that our June 13 Street Light bid was another big success. We are confident that our combined usage allows NIMEC to negotiate rates lower than what individual municipalities would be able to negotiate themselves.

72 municipalities participated in this year's bid. Our retention rate continues at the 98% level. Of those participating, the following chose the term below:

1 year: 20%  
2 year: 10%  
3 year: 70%

We consider it a privilege to continue to serve our municipal members. If we can be of any assistance now, or in the future, please do not hesitate to contact us.

Dave

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*David Hoover*  
*Executive Director*  
*847.392-9300*

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**Robert Barber**

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**From:** David Hoover <dhoover@nimec.net>  
**Sent:** Tuesday, June 13, 2017 4:01 PM  
**To:** Beecher: Bob  
**Subject:** street light bid results



Dear Members,

I am pleased to report that Constellation has won this year's Street Light bid. To award the bid, we calculate a weighted average rate for the entire group. Below is the weighted average pricing from our three suppliers.

	1 yr	2 yr	3 yr
Constellation	3.324	3.237	3.195
Dynegy	3.375	3.302	3.250
MC Squared	3.698	3.591	3.534

But NIMEC does not provide a 'one price for all' pricing structure. Instead, each member receives their own, individual price. Below is your pricing:

Municipality	Account #	Mo'ly kwh		1 yr	2 yr	3 yr
Vil of Beecher	0409100045	22000		3.248	3.158	3.117
Vil of Beecher	6771169036	2000		3.248	3.158	3.117

Each member is able to select the term which they prefer: 1 year, 2 year or 3 year.

You will see that the power commodity is expected to fall slightly over the next couple years. Natural gas production has been growing, due to fracking and horizontal drilling. Since electricity pricing closely follows natural gas pricing, your pricing above drops in the years ahead.

Remember: if you select a 3 year term, you will pay that rate for each of the 36 months of the term.

The ComEd fixed rate for small accounts is 3.803 cents, for June 2017 to May 2018.

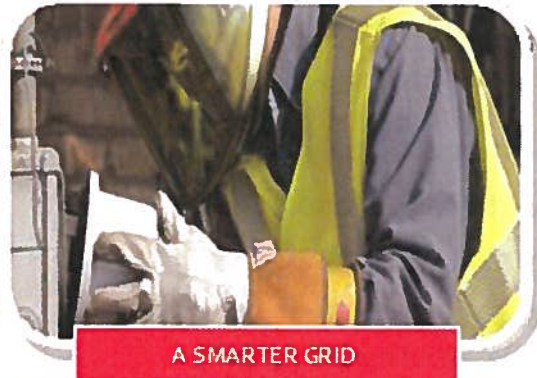
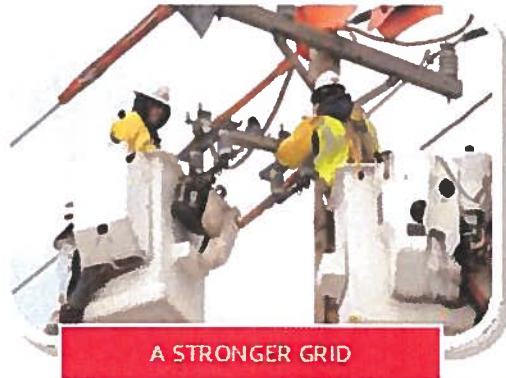
We will be hosting two conference calls on Wednesday: 10:30 and 1:30. They will be identical, just select the time that works better for you.

Dial in Number: (712) 451-0011  
Pass Code: 461827

Please note: Pricing expires at 4:30pm on Wednesday.



# 2016 Annual Municipal Franchise Report



## Prepared for the Village of Beecher

Lisa Aprati  
External Affairs  
University Park Office  
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**ComEd**  
An Exelon Company

## 2016 Annual Municipal Franchise Report

- A. Electrical System Performance/Reliability**
  - i. Definition of Reliability Performance Indices**
  - ii. Electric System Performance Reliability Charts**
  - iii. Interruption Summary Report**
  - iv. Glossary of Interruption Causes**
- B. Smart Grid Implementation**
- C. Customer Service Report**
- D. Electrical System Improvements**
- E. Circuit Reference**
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  - ii. Circuit Map**
- F. Current General Purpose Letter on Franchise Consideration**
- G. Contact Information**
  - i. How to Contact ComEd**
  - ii. How ComEd contacts the Village of Beecher**

### **APPENDIX**

**Appendix 1 - Glossary of Terms**

**Appendix 2 - Electronic Interruption Report**

***Portions of the Annual Report contain confidential and proprietary information and have been marked for limited distribution pursuant to the ComEd-Municipal franchise agreement.***

## **A. Electrical System Performance/ Reliability**

## Definition of Reliability Performance Indices

On the following page, ComEd provides five charts containing reliability indices for your municipality.

### CHART ONE – SAIFI (Average Number of Interruptions per Customer)

Chart shows the average number of interruptions per customer on an annual basis for your municipality for the past five years. For comparison purposes, this chart also shows the average number of interruptions per customer for the municipality's operating region and the ComEd system.

### CHART TWO – SAIFI Non-Storm (Average Number of Interruptions per Customer)

Same as CHART ONE, however, storms\* have been excluded from the indices.

### CHART THREE – CAIDI (Average Length of Customer Interruptions in minutes)

Chart shows the average length of customer interruptions in minutes on an annual basis for your municipality for the past five years. For comparison purposes, this chart also shows the average length of interruptions for the municipality's operating region and for the ComEd system.

### CHART FOUR – CAIDI Non-Storm (Average Length of Customer Interruptions in minutes)

Same as CHART THREE, however, storms\* have been excluded from the indices.

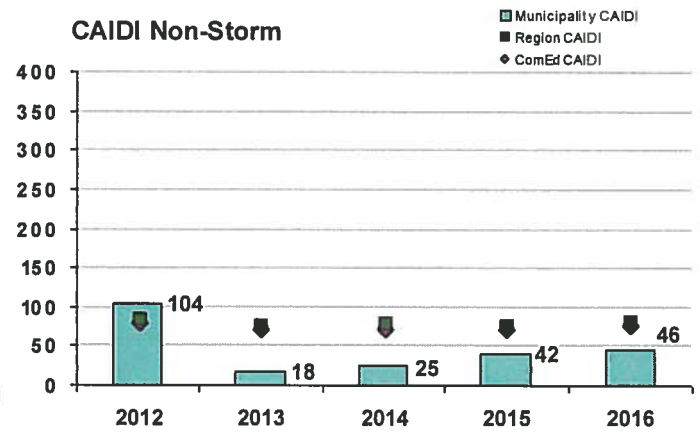
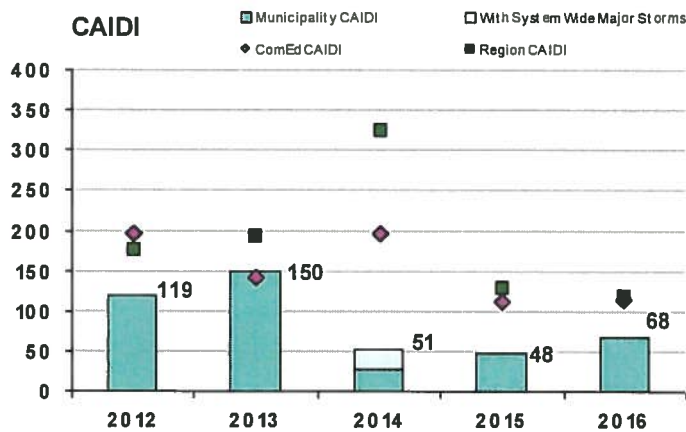
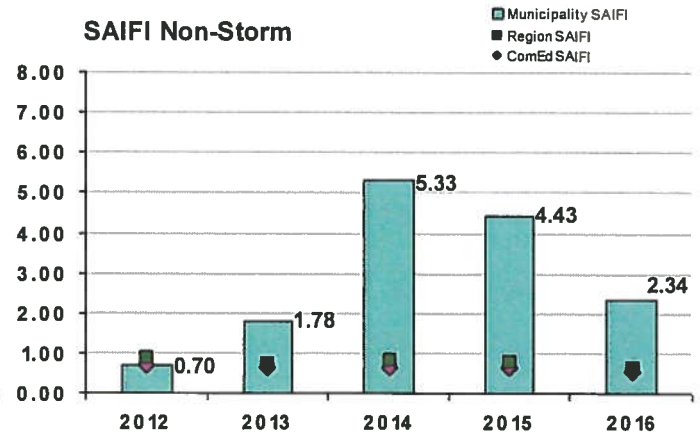
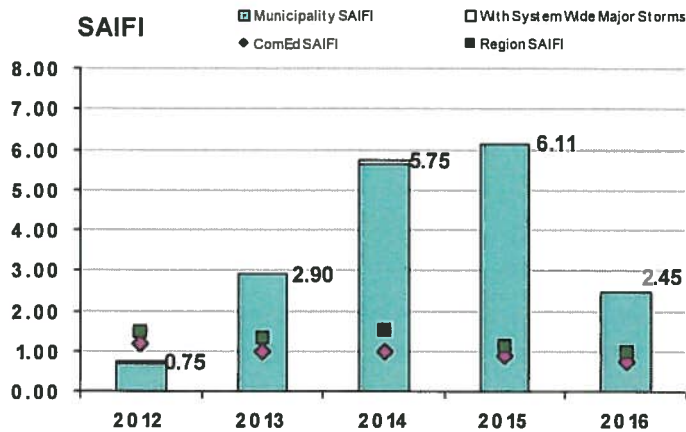
### CHART FIVE – SAIFI by Cause

Chart shows the average number of interruptions per customer by interruption causes for the past five years. For purposes of this Annual Report only, causes reflect interruptions as defined by the Illinois Administrative Code - Title 83: Public Utilities, Chapter I: Illinois Commerce Commission Subchapter c: Electric Utilities Part 411 Electric Reliability - Section 411.20 Definitions.

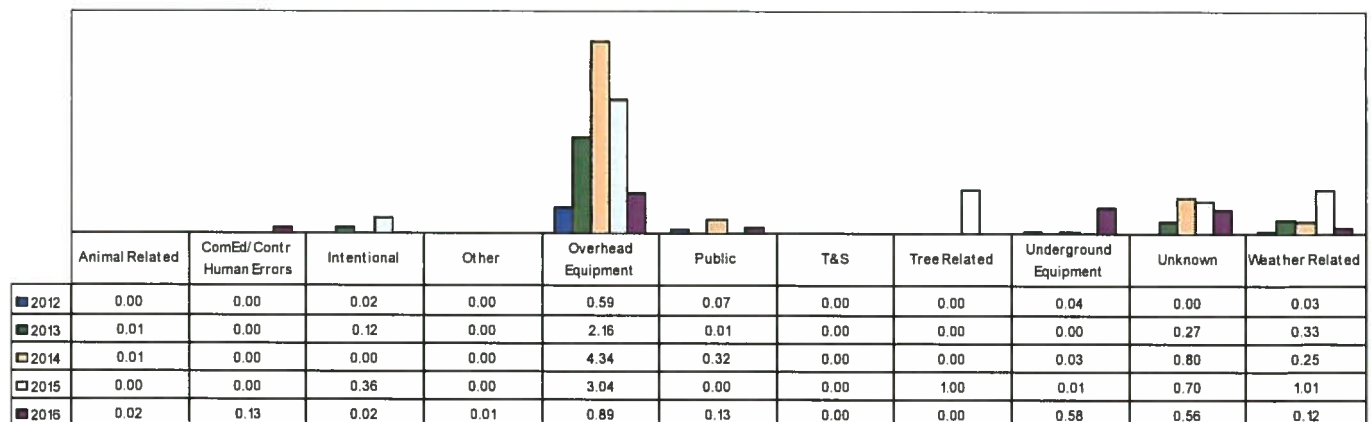
*\* Storm statistics are determined by events achieving either of the following criteria: 1) primary sustained interruptions that reach or exceed 125 interruptions or 25,000 customer interruptions within a 24 hour period due to inclement weather; 2) defined by the 83 Illinois Administrative Code Part 411.120(a) reporting threshold (10,000 customers experiencing interruptions for three hours).*

## Beecher Reliability Performance Year End Report

**ComEd customers in the Village of Beecher experienced a 99.97% reliability rate in 2016.**



SAIFI by Cause



Note: For purposes of this Annual Report only, reliability statistics reflect interruptions as defined by the Illinois Administrative Code - Title 83: Public Utilities, Chapter I: Illinois Commerce Commission Subchapter c: Electric Utilities Part 411 Electric Reliability - Section 411.20 Definitions. See also Glossary contained herein.

System Wide Major Storms: 7/1/2012 and 6/30/2014

## 2016 Interruption Summary Report

### From 1/1/2016 Through 12/31/2016

### Beecher

For purposes of this Annual Report only, the following interruption cause code categories are reflected in Section 411.20 of the Illinois Administrative Code. Regardless of the category description set out in Section 411.20 and the tables herein, all or some of the cause codes identified below may be the result or consequence of severe weather conditions. See also Glossary contained herein for definition of cause codes utilized below.

### Interruption Summary

Cause	Interruption Count	Total Number of Customer Interruptions	SAIFI	CAIDI
Animal Related	2	44	0.02	61
ComEd/Contractor Personnel-Errors	1	252	0.13	28
Intentional (e.g., unplanned)	1	39	0.02	5
Other	1	12	0.01	387
Overhead Equipment Related	11	1,692	0.88	35
Public	1	247	0.13	132
Transmission and Substation Equipment Related	0	0	0.00	0
Tree Related	0	0	0.00	0
Underground Equipment Related	5	1,110	0.58	20
Unknown	2	1,062	0.56	68
Weather Related	4	222	0.12	508
Secondary	0	0	0.00	0
Services	4	12	0.01	233
<b>Total</b>	<b>32</b>	<b>4,692</b>	<b>2.45</b>	<b>68</b>

Notes: For purposes of this Annual Report only, reliability statistics reflect interruptions as defined by the Illinois Administrative Code - Title 83, Public Utilities, Chapter I, Illinois Commerce Commission Subchapter c, Electric Utilities Part 411 Electric Reliability - Section 411.20 Definitions. Interruptions may be shown on circuits that currently serve less than 5 customers and are not included in other sections of this report.

### Interruption Report

\* Service / Secondary Interruption (low voltage)

\*\* Excluded from Interruption Summary as part of ICC reporting requirements

Circuit	Interruption ID	Start Date/Time	Cause of Interruption	Cause Detail	Duration (minutes)	Customers Affected
F165	1797231	2/3/2016 07:17 PM	Overhead Equipment Related	Malfunction	323	1
F165	1819117 *	2/22/2016 01:14 PM	Overhead Equipment Related	Malfunction	237	9
F165	1801287	2/24/2016 01:13 PM	Weather Related	Wind / Tornado	641	17
					644	37
F165	1801254	2/24/2016 02:13 PM	Weather Related	Ice / Snow	616	1
F165	1801430	2/25/2016 09:02 AM	Unknown	Unknown	258	1
F165	1803753	3/15/2016 11:22 AM	Intentional (e.g., planned)	** Scheduled Construction, Maintenance, or Repair	128	5
F165	1804921	3/19/2016 08:17 AM	Animal Related	Squirrels	66	35
F165	1805297	3/22/2016 05:29 PM	Underground Equipment Related	Underground Failure	151	5
F165	1810232	4/26/2016 09:41 PM	Underground Equipment Related	Underground Failure	80	5
F165	1816257	6/6/2016 03:15 PM	Overhead Equipment Related	Malfunction	85	203
					269	10
F165	1821494	6/28/2016 05:21 PM	Overhead Equipment Related	Malfunction	98	68
F165	1836808	9/7/2016 06:41 PM	Overhead Equipment Related	Malfunction	37	90
F165	1840875	10/4/2016 12:02 PM	Underground Equipment Related	Malfunction	13	1,050
					135	8
F165	1843649	10/22/2016 01:00 PM	Intentional (e.g., planned)	** Scheduled Construction, Maintenance, or Repair	59	1
F165	1843637	10/22/2016 01:16 PM	Intentional (e.g., planned)	** Scheduled Construction, Maintenance, or Repair	94	1
F165	1843652	10/22/2016 01:28 PM	Intentional (e.g., planned)	** Scheduled Construction, Maintenance, or Repair	234	1
F165	1844048	10/26/2016 09:51 AM	Overhead Equipment Related	Malfunction	10	1,062

### Interruption Report

\* Service / Secondary Interruption (low voltage)

\*\* Excluded from Interruption Summary as part of ICC reporting requirements

Circuit	Interruption ID	Start Date/Time	Cause of Interruption	Cause Detail	Duration (minutes)	Customers Affected
F165	1844149	10/26/2016 01:43 PM	Weather Related	Lightning	210	5
F165	1844283	10/27/2016 09:58 AM	Intentional (e.g., planned)	** Scheduled Construction, Maintenance, or Repair	12	110
F165	1844286	10/27/2016 10:12 AM	Intentional (e.g., planned)	** Scheduled Construction, Maintenance, or Repair	38	36
F165	1844888	11/1/2016 10:05 AM	Intentional Scheduled Construction, Maintenance or Repair	** Maintenance Switching	5	116
F165	1844887	11/1/2016 10:29 AM	Intentional Scheduled Construction, Maintenance or Repair	** Maintenance Switching	7	90
F165	1844931	11/1/2016 01:08 PM	Intentional Scheduled Construction, Maintenance or Repair	** Maintenance Switching	49	3
F165	1845717	11/7/2016 01:03 PM	Unknown	Unknown	67 69	583 478
F165	1850770	12/14/2016 08:12 AM	Overhead Equipment Related	Malfunction	155	1
F175	1794837	1/10/2016 05:44 AM	Underground Equipment Related	Underground Failure	143	39
F175	1794843	1/10/2016 11:54 AM	Intentional (e.g., unplanned)	Emergency Repairs	5	39
F175	1803756	3/15/2016 12:35 PM	Intentional (e.g., planned)	** Scheduled Construction, Maintenance, or Repair	70	6
F175	1810484 *	4/28/2016 03:41 AM	Underground Equipment Related	Underground Failure	558	1
F175	1816701	6/9/2016 09:05 AM	Intentional (e.g., planned)	** Scheduled Construction, Maintenance, or Repair	130	16
F175	1817250	6/12/2016 06:43 PM	Animal Related	Squirrels	41	9
F175	1824964	7/13/2016 06:56 PM	Weather Related	Lightning	307 474	3 159
F175	1824707	7/14/2016 06:28 AM	Overhead Equipment Related	Malfunction	76	1
F175	1825793	7/18/2016 06:36 AM	Overhead Equipment Related	Malfunction	645	1
F175	1843998 *	10/25/2016 06:39 PM	Overhead Equipment Related	Malfunction	67	1
F175	1845839	11/8/2016 02:06 PM	Intentional (e.g., planned)	** Scheduled Construction, Maintenance, or Repair	15	44
F175	1850078	12/8/2016 02:06 PM	Other	Other	387	12
F365	1794359	1/6/2016 12:38 PM	ComEd/Contractor Personnel-Errors	Accident by ComEd Contractor	28	252
F365	1808515	4/12/2016 08:02 PM	Underground Equipment Related	Malfunction	158	3
F365	1838335	9/17/2016 01:10 PM	Public	Accident by Others	14 133	2 245
F365	1840023 *	9/28/2016 07:59 AM	Public	Accident by Others	44	1
F365	1847567	11/20/2016 03:15 PM	Intentional (e.g., planned)	** Scheduled Construction, Maintenance, or Repair	195	2
K445	1801424	2/25/2016 06:37 AM	Overhead Equipment Related	Malfunction	338	1
K445	1812000	5/10/2016 11:43 PM	Overhead Equipment Related	Malfunction	179	1
K445	1826064	7/20/2016 12:00 AM	Intentional (e.g., planned)	** Scheduled Construction, Maintenance, or Repair	2 135	1 1
K445	1826065	7/20/2016 02:14 AM	Intentional (e.g., planned)	** Scheduled Construction, Maintenance, or Repair	1	1
L7347	1795011	1/10/2016 09:05 PM	Overhead Equipment Related	Contamination	98	253

## Glossary of Interruption Causes Utilized in Interruption Summary Report

For purposes of this Annual Report only, the following interruption cause code category definitions, that are reflected in Section 411.20 of the Illinois Administrative Code, are set out below. Regardless of the category description and the tables herein, all or some of the cause codes identified below may be the result or consequence of severe weather conditions.

**Animal Related** – interruptions due to any type of wild or domesticated animal causing damage to material or equipment or making contact with energized material or equipment resulting in a short-circuit. It must be apparent upon a normal field inspection that an animal was the root cause of the interruption.

**ComEd/Contractor Personnel Errors** – interruptions categorized by one of the following descriptions:

- Accident – interruptions resulting from accidental actions made by ComEd Personnel or ComEd Contractors; for example, overhead conductors making contact with replacement conductors during repairs.
- Dig-in – interruptions caused by ComEd Personnel or ComEd Contractors making contact with underground cable while digging.
- Error – interruptions caused by ComEd or ComEd Contractors while performing switching, testing or other duties.

**Customer Related** – interruptions typically caused by failure of customer-owned equipment, interruption by service/tariff contract, access to equipment denied, non-payment of bill, at the customer's request, or a customer who tampered with their electrical service.

**Intentional** – interruptions categorized by one of the following descriptions:

- Emergency Repairs – pre-determined interruptions which do not fall into the timely notification limits of Intentional Scheduled. For example, a circuit breaker is opened to remove a metallic balloon from the electrical lines, or an interruption caused by the request of a fire department.
- Protection of System Integrity – interruptions ComEd determines necessary to protect the system from overload and/or to maintain system stability.
- Scheduled Construction, Maintenance, or Repair – interruptions for which the time and duration of the interruption can be pre-determined and permits timely notification of affected customers. For example, ComEd may get a request from a Municipal Authority or Fire Department to remove power to a building or ComEd may need to perform maintenance switching in order to complete a scheduled repair on the electric distribution system.

**Other** – interruptions that either do not fit into existing cause categories or occur so infrequently that it requires them to be grouped together to be counted.

**Other Alternative Retail Electric Supplier/Other Utility** – interruptions caused by an Alternative Retail Electric Supplier or another utility.

**Overhead Equipment Related** – interruptions categorized by one of the following descriptions:

- Broken Fuse Link – interruptions caused by a fuse link not related to an overcurrent situation. When this occurs, the fuse will break usually near the end of the fuse link where it exits the fuse tube and is bolted to the assembly. Since the fuse link has physically broken, rather than melted from an overcurrent situation, it can generally be found intact.
- Contamination – interruptions due to build up of airborne particles and other impurities that affect the operational design specifications of material or equipment, such as salt spray that coats material, and allows tracking until a flash or failure occurs.
- Malfunction – interruptions from material or equipment failure



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## Glossary of Interruption Causes Utilized in Interruption Summary Report

For purposes of this Annual Report only, the following interruption cause code category definitions, that are reflected in Section 411.20 of the Illinois Administrative Code, are set out below. Regardless of the category description and the tables herein, all or some of the cause codes identified below may be the result or consequence of severe weather conditions.

**Public** – interruptions categorized by one of the following descriptions:

- Accident by Others – interruptions caused by accidents such as a crane making contact with the overhead wires, a plane hitting the overhead wires, etc.
- Dig-in by Others – interruptions caused by anyone other than ComEd personnel or ComEd contractor making contact with underground cable when digging.
- Fire – interruptions caused by a public fire such as a house fire that damages ComEd equipment.
- Foreign Object – interruptions caused by a foreign object, such as a kite or metallic balloon.
- Vandalism – interruptions due to willful damage of ComEd equipment.
- Vehicles – interruptions caused by a public vehicle, such as a vehicle striking a pole.

**Transmission and Substation Equipment Related** – interruptions categorized by one of the following descriptions:

- Contamination – interruptions due to build up of airborne particles and other impurities that affect the operational design specifications of material or equipment, such as salt spray that coats material, and allows tracking until a flash or failure occurs.
- Substation Equipment – interruptions occurring on equipment inside ComEd's substation property, such as transformers and circuit breakers.
- Transmission System Interruption – interruptions occurring on transmission system (including high-voltage distribution) equipment.

**Tree Related** – interruptions categorized by one of the following descriptions:

- Broken Limb – interruptions where large limbs, branches, or vegetation debris have been broken, caused by wind, lightning, ice, snow, etc. and have come in direct contact with overhead wires.
- Tree Contact – interruptions that occur due to trees contacting overhead wires. This is intended to mean locations where limbs, which are not broken, have come in direct contact with overhead wires, including if the contact is caused by wind, lightning, ice, snow, etc.
- Uprooted Tree – interruptions where trees have been uprooted due to wind, lightning, ice, snow, etc. and have contacted overhead wire.

**Underground Equipment Related** – interruptions categorized by one of the following descriptions:

- Contamination – interruptions due to build up of airborne particles and other impurities that affect the operational design specifications of material or equipment, such as salt spray that coats material, and allows tracking until a flash or failure occurs.
- Malfunction – interruptions from material or equipment failure.
- Underground Failure – interruptions caused when an underground cable or associated equipment fails.

**Unknown** – interruptions whose causes could not be determined after reasonable investigation.

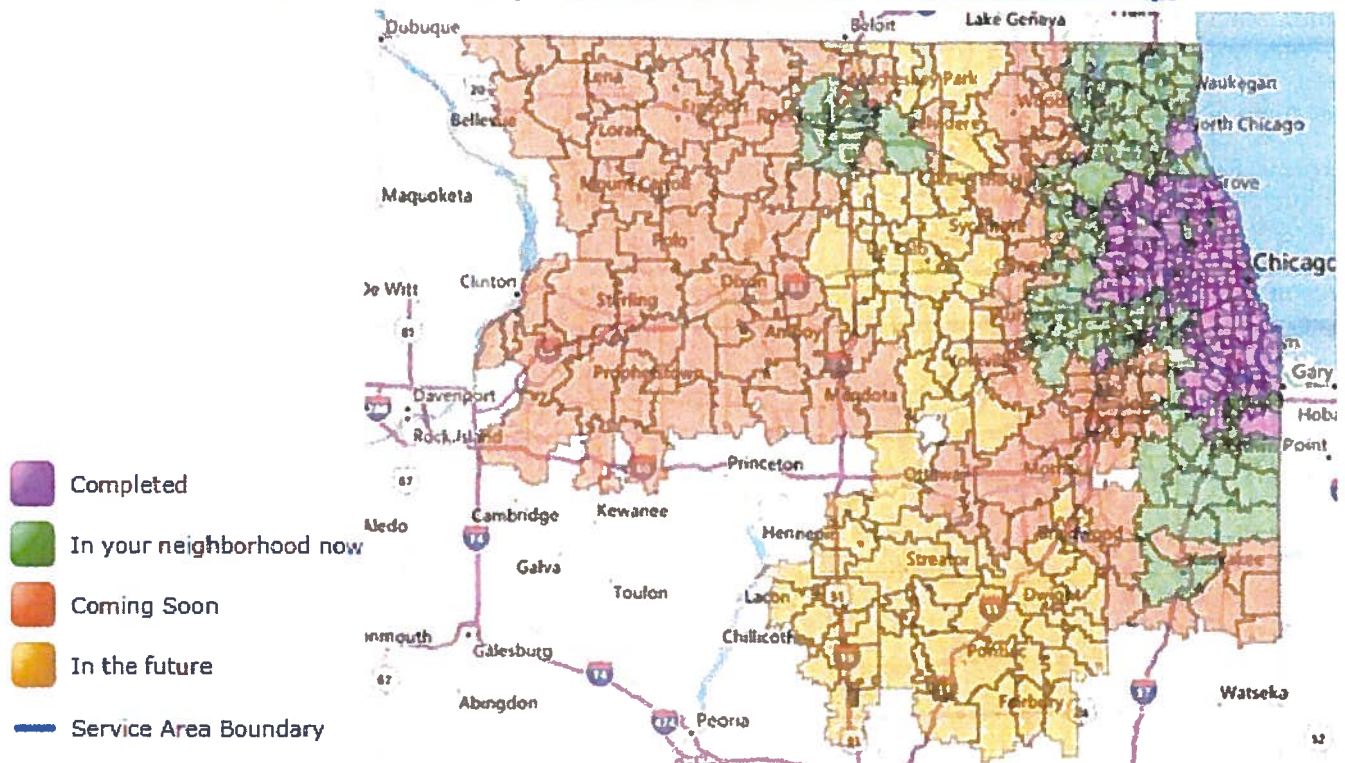
**Weather Related** – interruptions categorized by one of the following descriptions:

- Extreme Cold – interruptions during an extended period of low temperature that impacts the normal operation of electrical equipment.
- Extreme Heat – interruptions during an extended period of high temperature and humidity that impacts the normal operation of electrical equipment.
- Flooding – interruptions caused by an overflowing of water onto an area that is normally dry.
- Ice/Snow – interruptions where it can be determined that the ice or snow on overhead wires or poles is the primary contributing factor.
- Lightning – interruptions during a lightning storm where it is believed that the primary cause of the interruption was lightning.
- Wind/Tornado – interruptions where it appears that the facilities themselves were damaged by high wind damaging.

## B. Smart Grid Implementation

**ComEd successfully installed 1,165,742 smart meters in 2016.**

**ComEd AMI Map: [www.ComEd.com/SmartMeterMap](http://www.ComEd.com/SmartMeterMap)**



## ComEd System AMI Plan and Deployment

### EIMA and AMI Overview

The Energy Infrastructure Modernization Act ("EIMA") provides the blueprint for Illinois electric utilities, working with the Illinois Commerce Commission ("ICC") and stakeholders, to accomplish a decade-long transformation. EIMA establishes policies and goals, calls for utilities to make the investments necessary to achieve them, defines investment timetables and performance metrics to measure that achievement, and provides the means to fund those investments.

Foremost among the actions called for by EIMA is the deployment of Smart Grid technologies. ComEd shares the view that these Smart Grid technologies hold great promise to benefit customers by promoting improved reliability, operational efficiency, and improved customer service. Advanced Metering Infrastructure ("AMI") and the Smart Grid will also provide customers with newfound levels of control over their own energy use and, ultimately, the ability to lower total energy costs. Smart Grid technologies can also benefit the entire State by promoting greater energy efficiency, assisting the market by enabling other innovative technologies (such as electric vehicles), and assisting in job creation.

The successful and cost-beneficial deployment of the AMI/Smart Grid Network is essential to the development of a mature Smart Grid. AMI significantly contributes to a fully functioning Smart Grid by enabling the measurement of energy use, and the ability to communicate and interact in real time with other systems and devices. Operational efficiencies that AMI provides are also an important share of the delivery cost savings that a mature Smart Grid can deliver. A robust AMI communication system permits meters to interact directly with other utility systems, enabling reliability and improved efficiency of operations. The benefits and shared savings that are enabled by the installation of the AMI/Smart Grid Network throughout ComEd's service territory benefit the entire service territory, and lay the foundation for more reliable, safe, and efficient delivery of electricity for customers throughout the service territory.

### AMI Deployment Progress and Related Benefits

The AMI Program had another very successful year in 2016 by continuing to build upon the momentum established in prior years. In 2016, ComEd installed a total of 1,165,742 meters in a safe and productive manner, exceeding the planned target of 1,003,200. These installations included the Chicago Loop, which required an innovative network design and deployment approach, as well as expansion into more suburban and rural areas throughout the ComEd service territory. The Information technology and Business Transformation teams also continued to deliver impactful tools and technologies that are driving value to ComEd customers through improved operations and benefit realization.

As the program approaches a fully deployed state, AMI has become a dynamic platform for operations and a foundation for future value for ComEd customers and their communities. This includes offering innovative customer programs, enhancing operating capabilities, and empowering the energy marketplace through data and technology.

The Illinois economy continued to benefit from the AMI Program through sustained job creation in both the field and back office areas including positions for meter installers, Cross Dock personnel, electricians, supervisors, project managers, IT analysts, and engineers.

Customer benefits resulting from AMI continue to be reductions in consumption on inactive meters ("CIM"), bad debt, and unaccounted for energy ("UFE"), as well as a reduced number of estimated customer bills. Operational benefit realization also continued to expand through the reduction of field-related costs (meter reading, field orders, truck rolls), more effective utilization of resources, and the continued expansion of back office resolution of many issues that required field visits and truck rolls in the past.

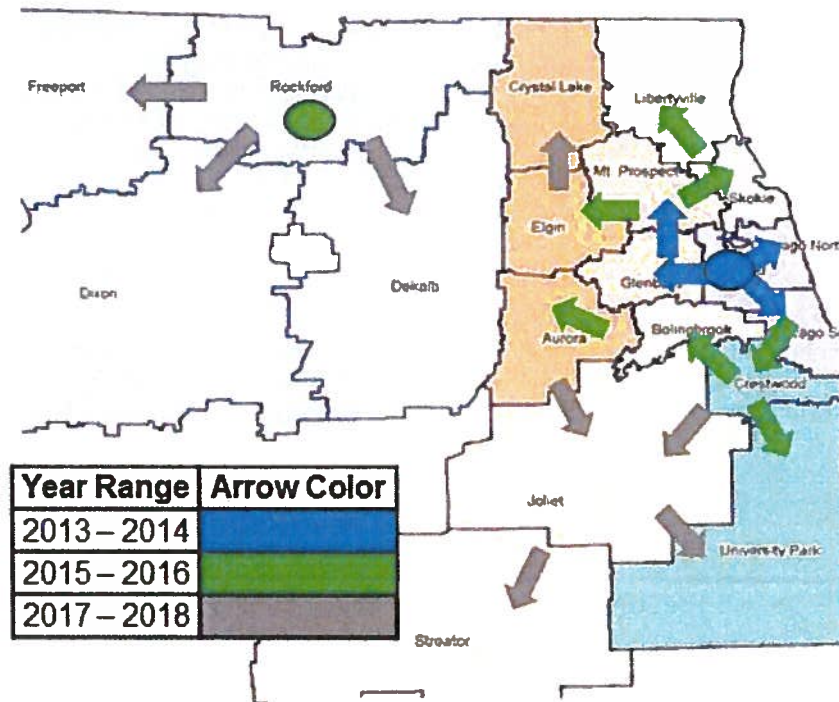
<sup>1</sup> Actual performance related to these metrics is included in the multi-year performance metric report to be filed by June 1, 2017 per 220 ILCS5/16-108.5(f-5).

With nearly 75% of the service territory deployed with AMI meters there is a much larger population to drive the delivery of benefits which are then socialized across all ComEd customers (not limited to those in deployed areas). A majority of ComEd customers are also now able to take advantage of direct customer benefits including monitoring of interval energy usage data and enrollment in dynamic customer programs such as peak time savings and real-time pricing.

The focus and dedication to delivering a premiere customer experience was recognized externally via ComEd's J.D. Power customer satisfaction index score released in the fourth quarter of 2016. ComEd achieved first quartile distinction and has demonstrated significant improvement in all categories since the launch of full AMI Deployment. Customer survey results related to the deployment effort have consistently shown that the AMI Program is having a positive impact on customers and their overall relationship and level of engagement with ComEd.

### Meter Deployment Rollout – Current Plan Map

The current deployment sequence is generally depicted in the figure below, showing that the deployment continues to progress in a clockwise fashion and will conclude with the outlying rural areas.



**Table 1: ComEd System AMI Plan and Deployment**

Year	Meters Deployed <sup>2</sup>	Operating Center(s) <sup>3</sup>
Pilot	127,857	Maywood, Chicago North
2013	70,882	Maywood
2014	540,744	Maywood, Chicago South, Glenbard, Mount Prospect, Chicago North
2015	1,077,758	Maywood, Chicago South, Glenbard, Mount Prospect, Chicago North, Crestwood, Skokie, Rockford
2016	1,165,742	Mount Prospect, Chicago North, Crestwood, Skokie, Libertyville, University Park, Egin, Rockford, Maywood, Glenbard, Aurora, Bolingbrook
2017	722,900	Chicago North, Maywood, Glenbard, Bolingbrook, Aurora, Libertyville, University Park, Egin, Joliet, Crystal Lake, Dixon, Rockford, Freeport
2018	400,675	Aurora, Bolingbrook, University Park, Joliet, Crystal Lake, Streator, Freeport, DeKalb, Dixon, Rockford
2019	24,000	Planned clean-up and Rider NAM exchanges
<b>TOTAL</b>	<b>4,130,558</b>	
New Business Installations	61,389	ALL
<b>Current Meter Population<sup>4</sup></b>	<b>4,191,947</b>	<b>Updated Total System Meter Population as of 12/31/2016</b>

<sup>2</sup> Represents the actual number of meters installed in the Pilot Program through 2016. A projection of the number of meters to be installed is provided for 2017 – 2019.

<sup>3</sup> The majority of AMI installations in each Operating Center will be completed in the years indicated. Specialized meter exchanges and those for customers in the Rider NAM process may carry over to subsequent years.

<sup>4</sup> The previous total number of meter exchanges to be completed by the AMI program was 4,157,000 based on the total number of meters on the ComEd system prior to the launch of full deployment. The updated current meter population in the table above (4,191,947) is based on a system report as of 12/31/2016. ComEd determined that it was appropriate to update the overall meter population value for this report to more accurately align with the actual volume of remaining exchanges and subsequent annual plans to complete them. The specific number of 'New Business' AMI installations completed was not previously factored into the calculation of remaining work. ComEd is including those installations in this table to clearly demonstrate that the total of the completed AMI exchanges to date, the remaining planned installations, and the New Business AMI installations are equal to the overall number of meters on the ComEd system as of the end of 2016.

**Table 2: Meter Deployment Rollout<sup>5</sup>**

<sup>5</sup> The total counts in Table 2 represent the number of AMI meters within each of the towns within ComEd's service territory, as of a report extracted from the customer information system effective December 31, 2016. The data includes the meters deployed by the ComEd AMI Program from Table 1 and also incorporates meter exchanges completed by the New Business Department, the removal of AMI meters as a result of demolition or construction, and customers that went from having an AMI meter to a non-AMI meter as part of the Rider NAM (meter refusal) process.

AMI Meter Deployment Rollout	Actual AMI Meters Installed through December 31, 2016	AMI Meter Deployment Rollout	Actual AMI Meters Installed through December 31, 2016	AMI Meter Deployment Rollout	Actual AMI Meters Installed through December 31, 2016
ADAMS TWP	24	ADDISON	16,015	ADDISON TWP	1,560
ADELINE	1	AFTON TWP	3	ALBANY	5
ALBANY TWP	1	ALDEN TWP	5	ALGONQUIN	526
ALGONQUIN TWP	688	ALLEN TWP	5	ALSIP	9,564
ALTO TWP	5	AMBOY	97	AMBOY TWP	29
AMITY TWP	10	ANCONA	3	ANDRES	1
ANTIOCH	383	ANTIOCH TWP	40	APPLE RIVER	14
APPLE RIVER-SCALES	2	APPLE-WARREN TWP	1	ARGYLE	5
ARLINGTON HEIGHTS	39,042	AROMA PARK	25	AROMA TWP	39
ASHTON	30	ATKINSON TWP	3	AURORA	49,946
AURORA TWP	1,020	AUX SABLE TWP	36	AVOCA TWP	10
AVON TWP	494	BAILEYVILLE	3	BANNOCKBURN	500
BARRINGTON	6,816	BARRINGTON HILLS	1,559	BARRINGTON TWP	51
BARTLETT	675	BATAVIA	37	BATAVIA TWP	12
BEACH GROVE	2	BEACH PARK	665	BEDFORD PARK	487
BEECHER	2,601	BELLE PLAIN TWP	1	BELLWOOD	7,499
BELVIDERE	649	BELVIDERE TWP	42	BENNINGTON TWP	11
BENSENVILLE	9,543	BENSON	9	BENTON TWP	245
BERKELEY	2,164	BERREMAN-JEFFERSON	12	BERWYN	22,113
BIG GROVE TWP	9	BIG ROCK	15	BIG ROCK TWP	34
BINGHAMPTON	1	BLACKBERRY TWP	79	BLACKSTONE	14
BLOOM TWP	688	BLOOMINGDALE	10,697	BLOOMINGDALE TWP	1,440
BLUE ISLAND	10,487	BLUFF LAKE	15	BOLINGBROOK	24,179
BONFIELD	29	BONUS TWP	19	BOURBONNAIS	661
BOURBONNAIS TWP	48	BRACEVILLE	22	BRACEVILLE TWP	2
BRADLEY	430	BRAIDWOOD	128	BREMEN TWP	207
BRIDGEVIEW	6,521	BRISTOL	1	BRISTOL STATION	5
BRISTOL TWP	50	BROADVIEW	4,076	BROOKFIELD	8,659
BROOKFIELD TWP	28	BROOKLYN TWP	4	BROOKVILLE	1
BROUGHTON TWP	9	BUCKEYE-DAKOTA TWP	3	BUCKINGHAM	2
BUFFALO GROVE	15,852	BUFFALO-WOOSUNG TWP	3	BULL VALLEY	10
BURBANK	9,799	BURLINGTON	8	BURLINGTON TWP	4
BURNHAM	1,729	BURR RIDGE	5,395	BURTON TWP	8
BYRON	103	BYRON-MARION TWP	18	CABERY	11
CALEDONIA	16	CALEDONIA-P GROVE	30	CALUMET CITY	17,167
CALUMET PARK	3,368	CAMPTON HILLS	6	CAMPTON TWP	41
CAMPUS	4	CAPRON	50	CARBON HILL	3
CAROL STREAM	16,746	CARPENTERSVILLE	242	CARY	270
CEDARVILLE	10	CHADWICK	4	CHANA	4
CHANNAHON	243	CHANNAHON TWP	43	CHANNEL LAKE	13
CHARLOTTE TWP	1	CHEBANSE	11	CHEMUNG	9
CHEMUNG TWP	11	CHERRY GROVE TWP	11	CHERRY VALLEY	163
CHERRY VALLEY TWP	82	CHICAGO	1,322,267	CHICAGO HEIGHTS	10,944

**Table 2: Meter Deployment Rollout<sup>5</sup>**

<sup>5</sup> The total counts in Table 2 represent the number of AMI meters within each of the towns within ComEd's service territory, as of a report extracted from the customer information system effective December 31, 2016. The data includes the meters deployed by the ComEd AMI Program from Table 1 and also incorporates meter exchanges completed by the New Business Department, the removal of AMI meters as a result of demolition or construction, and customers that went from having an AMI meter to a non-AMI meter as part of the Rider NAM (meter refusal) process.

AMI Meter Deployment Rollout	Actual AMI Meters Installed through December 31, 2016	AMI Meter Deployment Rollout	Actual AMI Meters Installed through December 31, 2016	AMI Meter Deployment Rollout	Actual AMI Meters Installed through December 31, 2016
CHICAGO RIDGE	6,866	CICERO	25,719	CLARE	2
CLARENDON HILLS	3,543	CLARION TWP	2	CLAYTON TWP	7
CLINTON TWP	2	COAL CITY	202	COLETA	1
COMO	2	COMPTON	19	CORAL TWP	48
CORNELL	19	CORTLAND	44	CORTLAND TWP	7
COUNCIL HILL-MOUND	3	COUNTRY CLUB HILLS	6,131	COUNTRYSIDE	1,372
CREST HILL	395	CRESTWOOD	6,176	CRETE	4,303
CRETE TWP	1,291	CROOKED LAKE	157	CRYSTAL LAKE	830
CUBA TWP	292	CUSTER PARK	15	CUSTER TWP	10
DAKOTA	12	DANA	2	DARIEN	10,224
DAVIS	24	DAVIS JUNCTION	11	DEEP LAKE	232
DEER GROVE	6	DEER PARK	1,379	DEER PARK TWP	13
DEERFIELD	7,902	DEERFIELD TWP	32	DEKALB	706
DEKALB TWP	53	DEMENT TWP	2	DES PLAINES	32,844
DIAMOND	58	DIAMOND LAKE	15	DIXMOOR	1,224
DIXON	400	DOLTON	9,234	DORR TWP	26
DOWNERS GROVE	3,897	DOWNERS GROVE TWP	4,533	DRUCE LAKE	1
DUNDEE	8	DUNDEE TWP	41	DUNHAM TWP	8
DUPAGE TWP	21	DURAND	40	DURAND RURAL	28
DWIGHT	82	DWIGHT TWP	30	EAGLE TWP	6
EARL TWP	7	EARLVILLE	40	EAST BROOKLYN	1
EAST DUNDEE	177	EAST GROVE TWP	9	EAST HAZELCREST	509
EDEN TWP	6	ELA TWP	388	ELBURN	174
ELDENA	3	ELEROY	1	ELGIN	2,545
ELGIN TWP	23	ELK GROVE TWP	485	ELK GROVE VILLAGE	18,341
ELKHN GR-EAGL PT TW	12	ELMHURST	19,629	ELMWOOD PARK	11,086
ELWOOD	67	EMERSON	1	EMINGTON	5
EOLA	30	EPPARDS POINT TWP	27	ERIE	54
ERIENNA TWP	3	ESMEN TWP	15	ESMOND	5
ESSEX	12	ESSEX TWP	13	EVANS TWP	26
EVANSTON	35,476	EVERGREEN PARK	7,947	FAIRDALE	13
FAIRFIELD TWP	19	FARM RIDGE TWP	4	FELIX TWP	13
FENTON	8	FENTON TWP	10	FLAGG TWP	1
FLORA TWP	9	FLORENCE TWP	32	FLOSSMOOR	3,518
FORD HEIGHTS	778	FOREST LAKE	2	FOREST PARK	9,326
FORESTVIEW	364	FORRESTON	35	FORRESTON-MARYLAND	3
FOX LAKE	1,234	FOX LAKE HILLS	288	FOX LAKE VISTA	5
FOX RIVER GROVE	2,180	FOX TWP	6	FRANKFORT	874
FRANKFORT TWP	143	FRANKLIN GROVE	19	FRANKLIN PARK	8,116
FRANKLIN TWP	13	FREEDOM TWP	21	FREEMONT	353
FREMONT TWP	1,272	FULTON	95	FULTON TWP	9
GAGES LAKE	881	GALT	5	GANEER TWP	57
GARDEN PLAIN	2	GARDEN PLAIN TWP	13	GARDEN PRAIRIE	36

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GARDNER	45	GARFIELD TWP	9	GENESEE TWP	2
GENESEO	7	GENESEO TWP	10	GENEVA	159
GENEVA TWP	22	GENOA	85	GENOA TWP	7
GERMAN VALLEY	4	GILBERTS	178	GLEN ELLYN	13,672
GLENCOE	3,430	GLENDALE HEIGHTS	13,203	GLENVIEW	21,205
GLENVIEW NAS	186	GLENWOOD	3,598	GODLEY	20
GOLF	157	GOOD FARM TWP	13	GOODNOW	35
GOOSE LAKE TWP	23	GOOSE LAKE VILLAGE	19	GR DETOUR-DIXON TWP	6
GRAFTON TWP	8	GRAND DETOUR	8	GRAND RAPIDS TWP	1
GRAND RIDGE	20	GRANT PARK	49	GRANT TWP	1,123
GRASS LAKE	7	GRAYSLAKE	8,904	GREEN GARDEN TWP	775
GREEN OAKS	1,082	GREENE TWP	4	GREENFIELD TWP	24
GREENVILLE TWP	8	GREENWOOD TWP	27	GROVELAND TWP	2
GURNEE	6,168	HAHNAMAN TWP	18	HAINESVILLE	1,353
HALDANE	1	HAMILTON TWP	3	HAMPSHIRE	326
HAMPSHIRE TWP	33	HANOVER PARK	283	HANOVER TWP	281
HARLEM TWP	13	HARMON	17	HARMON TWP	17
HARTLAND TWP	59	HARVARD	296	HARVEY	9,150
HARWOOD HEIGHTS	4,130	HAWTHORN WOODS	2,445	HAZEL CREST	4,725
HEBRON	36	HEBRON TWP	33	HELMAR	1
HERSCHER	47	HICKORY HILLS	6,075	HIGHLAND LAKE	3
HIGHLAND PARK	12,622	HIGHLAND TWP	3	HIGHWOOD	1,580
HILLSIDE	3,764	HINCKLEY	44	HINSDALE	6,768
HODGKINS	743	HOFFMAN ESTATES	21,183	HOLBROOK	102
HOLCOMB	4	HOLIDAY HILLS	8	HOMER GLEN	180
HOMER TWP	217	HOMETOWN	1,979	HOMEWOOD	8,000
HOOPPOLE	3	HOPE TWP	16	HOPKINS PARK	41
HOPKINS TWP	32	HUME-LYND-HPKNS TWP	22	HUNTLEY	548
INDIAN CREEK	211	INDIAN HEAD PARK	263	INDIANHEAD PARK	66
INGLESIDE	526	INVERNESS	2,648	IRWIN	5
ISLAND LAKE	97	ITASCA	5,627	JACKSON TWP	30
JOHNSBURG	67	JOLIET	3,522	JOLIET TWP	201
JORDON TWP	15	JUSTICE	5,673	KANEVILLE	15
KANEVILLE TWP	25	KANGLEY	1	KANKAKEE	1,161
KANKAKEE TWP	27	KEMPTON	5	KENDALL TWP	45
KENILWORTH	897	KENT	4	KENT-ERIN TWP	8
KERNAN	1	KILDEER	1,405	KINGS	4
KINGSTON	16	KINGSTON TWP	25	KINSMAN	9
KIRKLAND	47	LA GRANGE	5,815	LA GRANGE PARK	5,605
LAFAYETTE-ASHTN TWP	19	LAKE BARRINGTON	3,003	LAKE BLUFF	3,559
LAKE CATHERINE	8	LAKE FOREST	8,543	LAKE HOLIDAY	15
LAKE IN THE HILLS	229	LAKE MARIE	5	LAKE VILLA	3,832
LAKE VILLA TWP	814	LAKE ZURICH	8,688	LAKEMOOR	68



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LAKEWOOD	71	LANARK	31	LANCASTER TWP	9
LANSING	11,890	LAONA TWP	1	LAWRENCE	3
LEAF RIVER	12	LEAF RVR-BYRON TWP	24	LEE	9
LEE CENTER	1	LEE CENTER TWP	20	LELAND	26
LEMONT	508	LEMONT TWP	91	LENA	31
LEONORE	1	LEROY TWP	9	LEYDEN TWP	2,291
LIBERTYVILLE	8,739	LIBERTYVILLE TWP	1,553	LILY LAKE	7
LIMA-BROOKVILLE TWP	27	LIMESTONE	15	LIMESTONE TWP	43
LINCOLN TWP	9	LINCOLNSHIRE	2,312	LINCOLNWOOD	5,023
LINDENHURST	5,276	LINDENWOOD	11	LINN TWP	1
LISBON	10	LISBON TWP	17	LISLE	10,787
LISLE TWP	3,405	LITTLE ROCK TWP	21	LOCKPORT	523
LOCKPORT TWP	164	LOMBARD	22,714	LONG GROVE	1,161
LONG POINT	7	LONG POINT TWP	7	LOON LAKE	19
LORAIN TWP	9	LORAN TWP	2	LOST NATION	11
LOSTANT	12	LOVES PARK	807	LOWELL	1
LYNDON	6	LYNDON-P'TOWN TWP	18	LYNNVILLE TWP	9
LYNWOOD	3,942	LYONS	4,966	LYONS TWP	1,793
MACHESNEY PARK	490	MAINE TWP	6,975	MALTA	18
MALTA TWP	29	MANCHESTER TWP	23	MANHATTAN	249
MANHATTAN TWP	48	MANLIUS TWP	15	MANTENO	267
MANTENO TWP	46	MANVILLE	3	MAPLE PARK	43
MARENGO	163	MARENGO TWP	31	MARION TWP	49
MARKHAM	4,741	MARSEILLES	6	MARYLAND-LEAF RIVER	3
MARYLND-LEAF RVR TP	9	MATTESON	7,605	MAY TWP	9
MAYFIELD TWP	13	MAYWOOD	9,333	MAZON	31
MAZON TWP	14	MC COOK	223	MCCONNELL	1
MCCOOK	2	MCCULLOM LAKE	9	MCHENRY	744
MCHENRY TWP	131	MEDINAH	699	MELROSE PARK	10,910
MENDOTA	151	MENDOTA TWP	34	MERIDEN	1
MERIDEN TWP	15	MERRIONETTE PARK	358	MERRIONETTE PK	646
METTAWA	207	MIDLOTHIAN	6,034	MILAN TWP	10
MILBURN	22	MILLEDGEVILLE	41	MILLER TWP	10
MILTON TWP	6,739	MINONK	76	MINONK TWP	14
MINOOKA	290	MISSION TWP	1	MOKENA	686
MOMENCE	187	MOMENCE TWP	66	MONAVILLE	4
MONEE	2,362	MONEE TWP	712	MONROE CENTER	15
MONROE TWP	8	MONTGOMERY	414	MONTMORENCY TWP	41
MORRIS	661	MORRISON	135	MORTON GROVE	9,604
MOUNT PROSPECT	25,097	MT MORRIS	65	MT MORRIS TWP	30
MT PLEASANT TWP	29	MUNDELEIN	12,282	MUNSON TWP	1
NA-AU-SAY TWP	12	NACHUSA	11	NACHUSA-CHINA TWP	13
NAPERVILLE	833	NAPERVILLE TWP	132	NEBRASKA TWP	6

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NELSON	4	NELSON-PALMYRA TWP	40	NETTLECREEK TWP	11
NEVADA TWP	15	NEW LENOX	814	NEW LENOX TWP	201
NEW MILFORD	145	NEW TRIER TWP	69	NEWARK	11
NEWPORT TWP	297	NEWTON TWP	12	NEWTOWN TWP	29
NILES	13,411	NORA	2	NORA-WEST POINT TWP	10
NORMAN TWP	9	NORRIDGE	6,855	NORTH AURORA	322
NORTH BARRINGTON	1,229	NORTH CHICAGO	5,242	NORTH RIVERSIDE	3,413
NORTHBROOK	17,321	NORTHFIELD	3,207	NORTHFIELD TWP	3,973
NORTHLAKE	4,755	NORTHVILLE TWP	18	NORTON TWP	28
NORWOOD PARK TWP	358	NUNDA TWP	99	OAK BROOK	6,017
OAK FOREST	11,791	OAK LAWN	25,387	OAK PARK	27,597
OAKBROOK TERRACE	2,777	OAKWOOD HILLS	7	ODELL	23
ODELL TWP	28	OGLESBY	3	OHARE	1
OHIO	14	OHIO TWP	10	OLD MILL CREEK	46
OLYMPIA FIELDS	1,904	ONECO TWP	3	ONECO-ROCKGROVE TWP	2
ORANGEVILLE	12	OREGON	87	OREGON-NASHUA TWP	46
ORLAND HILLS	2,543	ORLAND PARK	26,321	ORLAND TWP	2,287
OSAGE TWP	9	OSWEGO	582	OSWEGO TWP	123
OTTER CREEK TWP	15	OTTO TWP	39	OWEGO TWP	10
P GROVE-BOONE TWP	23	PALATINE	29,695	PALATINE TWP	5,234
PALOS HEIGHTS	5,986	PALOS HILLS	8,483	PALOS PARK	2,303
PALOS TWP	1,939	PARK CITY	194	PARK FOREST	8,819
PARK RIDGE	15,591	PAW PAW	23	PAW PAW TWP	12
PEARL CITY	14	PECATONICA	48	PECATONICA RURAL	45
PEMBROKE TWP	72	PEOTONE	1,756	PEOTONE TWP	273
PETITE LAKE	210	PHOENIX	825	PHOENIX TWP	2
PIERCE TWP	13	PILOT TWP	43	PINE CREEK TWP	51
PINE ROCK TWP	16	PINGREE GROVE	556	PISTAKEE BAY	7
PLAINFIELD	872	PLAINFIELD TWP	113	PLANO	197
PLATO TWP	33	PLATTVILLE	4	PLEASANT RIDGE TWP	6
PLEASANT VALLEY TWP	5	PLUM GROVE EST	354	POLO	61
PONTIAC	301	PONTIAC TWP	47	POPLAR GROVE	160
PORT BARRINGTON	33	PORTLAND-ERIE TWP	13	POSEN	2,033
PRAIRIE GROVE	17	PROPHETSTOWN	54	PROPHETSTOWN TWP	21
PROSPECT HEIGHTS	7,217	PROVISO TWP	193	RANSOM	16
READING TWP	41	REDDICK	10	REED TWP	16
REYNOLDS TWP	10	RICH TWP	1,127	RICHLAND TWP	10
RICHMOND	107	RICHMOND TWP	38	RIGHTON PARK	4,595
RIDOTT	3	RIDOTT TWP	3	RILEY TWP	30
RINGWOOD	40	RIVER FOREST	4,715	RIVER GROVE	5,066
RIVERDALE	5,464	RIVERSIDE	4,049	RIVERWOODS	244
ROBBINS	1,894	ROCHELLE	2	ROCK CITY	4
ROCK CREEK TWP	12	ROCK FALLS	12	ROCK GROVE	2

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ROCK GROVE TWP	6	ROCK RUN-RIDOTT TWP	11	ROCK RUN-ROCK GROVE	21
ROCKDALE	128	ROCKFORD	54,718	ROCKFORD TWP	4,129
ROCKTON	12	ROCKVALE TWP	34	ROCKVILLE TWP	30
ROGERS TWP	9	ROLLING MDWS	11,378	ROLLING MEADOWS	32
ROLLO	2	ROMEOVILLE	923	ROOKS CREEK TWP	5
ROSCOE	289	ROSCOE TWP	1	ROSELLE	10,720
ROSEMONT	3,368	ROUND GROVE TWP	18	ROUND LAKE	6,944
ROUND LAKE BEACH	8,694	ROUND LAKE HEIGHTS	359	ROUND LAKE PARK	3,232
RUSH TWP	7	RUTLAND	13	RUTLAND TWP	20
S CHICAGO HEIGHTS	433	SAINT ANNE	98	SAINT CHARLES	67
SALINA TWP	28	SAND LAKE	16	SANDWICH	176
SARATOGA TWP	35	SAUK VILLAGE	3,771	SAUNEMIN	6
SAUNEMIN TWP	11	SCALES MOUND	11	SCARBORO	2
SCHAUMBURG	40,506	SCHAUMBURG TWP	780	SCHILLER PARK	5,695
SCIOTO MILLS	1	SCOTT TWP	27	SENECA	96
SENECA TWP	53	SEWARD	27	SEWARD RURAL	2
SEWARD TWP	16	SHABONA	17	SHABONA TWP	15
SHANNON	21	SHANNON-FORRESTON	3	SHERIDAN	1
SHIELDS TWP	707	SHIRLAND RURAL	31	SHOREWOOD	430
SILVER CREEK TWP	23	SKOKIE	26,536	SLEEPY HOLLOW	20
SO CHICAGO HEIGHTS	1,404	SOMONAUK	52	SOMO-SAND TWP	20
SOUTH BARRINGTON	2,056	SOUTH DIXON TWP	19	SOUTH ELGIN	401
SOUTH GROVE TWP	5	SOUTH HOLLAND	8,878	SOUTH WILMINGTON	1
SPRING GROVE	286	SPRING TWP	31	SQUAW GROVE TWP	20
ST ANNE	36	ST ANNE TWP	30	ST CHARLES	26
ST CHARLES TWP	108	STEGER	4,341	STELLE	4
STERLING	289	STERLING-COLOMA TWP	38	STEWARD	17
STICKNEY	2,509	STICKNEY TWP	588	STILLMAN VALLEY	74
STOCKTON	46	STOCKTON TWP	14	STONE PARK	1,505
STREAMWOOD	1,864	STREATOR	329	SUBLETTE	11
SUBLETTE TWP	14	SUGAR GROVE	268	SUGAR GROVE TWP	129
SULLIVAN TWP	3	SUMMIT	3,767	SUMNER TWP	22
SUN RIVER TERRACE	25	SUNBURY TWP	4	SYCAMORE	507
SYCAMORE TWP	19	TAMPICO	24	TAMPICO TWP	22
TAYLOR-NCH-CHIN TWP	21	THIRD LAKE	432	THORNTON	1,111
THORNTON TWP	363	TINLEY PARK	24,796	TOLUCA	34
TONICA	24	TOWER LAKES	188	TROUT VALLEY	2
TROY GROVE TWP	8	TROY TWP	58	UNION	53
UNION GROVE TWP	23	UNION HILL	8	UNION TWP	6
UNIONVILLE	2	UNIVERSITY PARK	1,127	USTICK TWP	15
VALLEY VIEW	1	VENETIAN VILLAGE	298	VERMILLION TWP	5
VERNON HILLS	9,768	VERNON TWP	2,394	VERONA	13
VICTOR TWP	30	VIENNA TWP	20	VILLA PARK	10,327

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VIOLA TWP	13	VIRGIL	11	VIRGIL TWP	27
VOLO	230	WADDAMS GROVE	2	WADDAMS-BUCKEYE TWP	17
WADSWORTH	417	WALNUT	33	WALNUT TWP	8
WARDS GROVE-KENT	11	WARREN	27	WARREN TWP	1,789
WARREN-LAKE TWP	2	WARREN-NORA-WINSLOW	4	WARRENVILLE	6,078
WASHINGTON TWP	604	WATERMAN	50	WAUCONDA	877
WAUCONDA TWP	237	WAUKEGAN	9,146	WAUKEGAN TWP	43
WAUPONSEE TWP	52	WAYNE	38	WAYNE TWP	1,130
WENONA	30	WESLEY TWP	38	WEST BROOKLYN	12
WEST CHESTER	1	WEST CHICAGO	9,998	WEST DUNDEE	191
WEST MILTMORE	381	WEST POINT-WADDAMS	12	WESTCHESTER	8,330
WESTERN SPRINGS	4,623	WESTMONT	7,711	WHEATLAND TWP	230
WHEATON	24,069	WHEELING	17,299	WHEELING TWP	483
WHITE ROCK TWP	10	WILDWOOD	1,710	WILDWOOD DUNNS LAKE	6
WILL TWP	351	WILLIAMS PARK	2	WILLOW CREEK TWP	18
WILLOW SPRINGS	2,150	WILLOWBROOK	2,259	WILMETTE	10,894
WILMINGTON	275	WILMINGTON TWP	78	WILTON TWP	17
WINFIELD	3,997	WINFIELD TWP	2,162	WING	3
WINNEBAGO	112	WINNEBAGO RURAL	64	WINNETKA	102
WINSLOW	8	WINSLOW TWP	8	WINTHROP HARBOR	481
WONDER LAKE	49	WOOD DALE	7,013	WOODHAVEN	124
WOODRIDGE	13,956	WOODSTOCK	666	WOOSUNG	2
WOOSUNG-PALMYRA TWP	29	WORTH	4,987	WORTH TWP	1,509
WYOMING TWP	8	WYSOX TWP	15	YELLOWHEAD TWP	25
YEOWARDVILLE	4	YORK TWP	2,600	YORKTOWN	3
YORKTOWN TWP	25	YORKVILLE	644	ZION	8,403

## C. Customer Service Report

*ComEd Outage Map: [www.ComEd.com/Map](http://www.ComEd.com/Map)*



## ComEd System Customer Service Report

### Call Center Metrics

Term	Definition
<b>Abandoned Call Rate</b>	The percentage of customers that call the utility's customer call center that hang up before their call is answered. Abandoned rate is calculated by dividing the number of calls abandoned (customer hangs up) by the total number of calls offered (expressed as a percentage). The Administrative Code provides that "the abandon rate for calls placed to the call center shall not exceed 10%."
<b>Average Call Handle Time (in seconds)</b>	The average duration of phone calls handled by Customer Service Representatives (CSRs). The average call handle time is expressed in seconds per call and is calculated by dividing the total time CSRs spent handling calls by the number of calls handled.
<b>Average Speed to Answer (ASA)</b>	Average speed to answer a phone call. "Answer time" means a measurement from the point the last digit of the entity's telephone number is dialed or, if a menu-driven system is used, from the point the last menu digit is dialed by the subscriber and the call is answered by the entity. ASA is expressed in seconds per call and is calculated by dividing the total time calls waited to be answered by the total number of calls answered. The Illinois Administrative Code provides that "the average answer time for calls placed to the call center shall not exceed 60 seconds where a representative or automated system is ready to render assistance and/or accept information to process calls."
<b>Rate of calls answered by CSR vs. VRU</b>	Percent of total offered calls answered by Customer Service Representatives (CSR) vs. Voice Response Units (VRUs) (i.e. Peripherals, Speech recognition and Powerline).

Year	Average Speed to Answer "ASA" (In Seconds)	Rate of Calls Answered by CSR (CSR)	Rate of Calls Answered by VRU (VRU)	Abandoned Call Rate	Average Call Handle Time (In Seconds)
2016	8	46.9%	53.1%	0.9%	300
2015	12.0	44.6%	55.4%	1.2%	301
2014	13.3	52.3%	47.7%	2.2%	285
2013	25.4	52.5%	47.5%	3.0%	278
2012	55.6	47.9%	52.1%	5.4%	270

### eChannels Metrics

Term	Definition
<b>ComEd.com transactions (overall)</b>	Web & mobile site transactions (i.e., Completed Forms or Retrieval of information that would otherwise require a call to the call center - Auto Pay, Pay Bill, View Bill, Report an Outage, Outage Status, Start/Stop/Move, etc.).
<b>Facebook Fans</b>	The number of people who have "Liked" ComEd's page on Facebook.
<b>Mentions of ComEd online</b>	Any mentions of ComEd in online communications, including Twitter, Facebook, blogs, video/photo sites, traditional news sites, and other social media platforms.
<b>Mobile App transactions</b>	Transactions completed within the mobile app (Report an Outage, Outage Status, Auto Pay, Pay Bill, View Bill, Report Meter Reading, Budget Bill, etc.).
<b>Outage Alerts transactions</b>	Outage Alert transactions are the text messages that a subscriber receives during an interruption.
<b>Twitter Followers</b>	The number of people "following" ComEd on Twitter.

Year	ComEd.com Transactions (overall)	Mobile App Transactions	Outage Alerts Transactions	Mentions of ComEd Online	Twitter Followers	Facebook Fans
2016	15,437,268	6,838,356	1,499,419	45,465	26,160	137,555
2015	18,471,590	6,353,711	844,498	200,119	15,363	119,884
2014	14,873,280	1,696,039	863,790	139,855	10,004	90,279
2013	20,969,772	2,032,975	679,948	110,061	6,322	68,419
2012	18,224,865	1,041,483	552,526	120,589	4,775	32,842

## D. Electrical System Improvements

**Note: The details regarding work planned is based on information available at the time of Annual Report publication and is subject to change.**

**ComEd System Improvement Map: [www.ComEd.com/SystemImprovementMap](http://www.ComEd.com/SystemImprovementMap)**



## Electrical System Improvements Summary for Beecher

*Shown below is a summary of select electrical system enhancements designed to continue improving the reliability performance of the electrical system serving customers in Beecher.*

\*\*\*\*\*

The Distribution Automation Program includes 1 circuit(s) in the 2017 work plan.

The Underground Residential Distribution (URD) Cable Program addressed the reliability performance of 1 circuit(s) in 2016. Includes 1 circuit(s) in the 2017 work plan.

Circuit Inspections were completed on 1 circuit(s) in 2016. 53 corrective maintenance item(s) were completed in 2016. Circuit Inspections were completed on 2 circuit(s) in 2017. 16 corrective maintenance item(s) were completed in 2017.

Distribution Tree Trimming was performed on 2 circuit(s) totaling approximately 89 miles in 2016.

Notes: There are no projected overloads during the summer of 2017 of substations feeding circuits serving the municipality.

Circuits listed serve 5 or more customers throughout the year. Circuits serving less than 5 customers may not be included.



## Capacity Improvement - Beecher

### Circuit Capacity Improvement

Circuit Capacity Improvement increases the capacity of the distribution system by installing new circuits, increasing the size of existing conductors and balancing loads on circuits. Circuit capacity improvements can increase reliability and enhance restoration flexibility in the event of an equipment failure.

Circuit	Year	Status	Comments
F365	2016	Complete	Improve circuit performance.
L12732	2017	Planned	Upgrade substation to accommodate increased load.

## System Performance Improvement - Beecher

### Distribution Automation (12kV & 34kV)

Distribution Automation ("DA") (12kV & 34kV) is designed to reduce the number of customers affected during an interruption by installing equipment that automatically isolates a disturbance on a circuit. In addition to reducing the number of customers experiencing an interruption, it allows for quicker restoration of those customers.

Circuit	Year	Status	Comments
F165	2017	Planned	Install 3 distribution automation device(s).

### Underground Residential Distribution (URD) Cable

Underground Residential Distribution ("URD") Cable targets section(s) of underground distribution cable to be replaced or treated. This is intended to reduce the number and duration of interruptions seen by customers by addressing a circuit's underground cable performance.

Circuit	Year	Status	Comments
F165	2016	Complete	Fuse 5441 - Replace ~ 200 feet of URD cable near 820 Catalpa Beecher II 60401.
F165	2016	Complete	Fuse 5439 - Replace ~ 900 feet of URD cable near 830 Catalpa Beecher II 60401.
F175	2017	Planned	Fuse 5853 - Replace ~ 500 feet of URD cable near 525 Melrose Ln Beecher II 60401.

## Maintenance - Beecher

### Cyclic Circuit Inspections

Cyclic Circuit Inspections and maintenance of overhead facilities. Identified high impact corrective maintenance items are prioritized and scheduled.

Circuit	2016		2017	
	OH Inspection	OH Thermography	OH Inspection	OH Thermography
F165			X	
L12732	X			
L7347			X	

### Corrective Actions:

Circuit	Year	Status	Comments
F165	2016	Complete	Completed 1 corrective maintenance item(s) identified through the Thermography Program.
F165	2016	Complete	Completed 1 corrective maintenance item(s) identified through the Overhead Inspection Program.
F175	2016	Complete	Completed 18 corrective maintenance item(s) identified through the Overhead Inspection Program.
F365	2016	Complete	Completed 1 corrective maintenance item(s) identified through the Overhead Inspection Program.
F365	2016	Complete	Completed 1 corrective maintenance item(s) identified through the Thermography Program.
K445	2016	Complete	Completed 1 corrective maintenance item(s) identified through the Overhead Inspection Program.
L12732	2016	Complete	Completed 5 corrective maintenance item(s) identified through the Overhead Inspection Program.

Work planned is based on current available information and is subject to change.

**Corrective Actions:**

Circuit	Year	Status	Comments
L12732	2016	Complete	Completed 1 corrective maintenance item(s) identified through the Thermography Program.
L12732	2016	Complete	Completed 12 corrective maintenance item(s) identified through the Overhead 34kV Inspection Program.
L7347	2016	Complete	Completed 1 corrective maintenance item(s) identified through the Thermography Program.
L7347	2016	Complete	Completed 2 corrective maintenance item(s) identified through the Overhead 34kV Inspection Program.
L7347	2016	Complete	Completed 8 corrective maintenance item(s) identified through the Overhead Inspection Program.
L7347	2016	Complete	Completed 1 corrective maintenance item(s) identified through the Post-Storm Thermography Program.
F165	2017	Complete	Completed 11 corrective maintenance item(s) identified through the Overhead Inspection Program.
L12732	2017	Complete	Completed 4 corrective maintenance item(s) identified through the Overhead 34kV Inspection Program.
L7347	2017	Complete	Completed 1 corrective maintenance item(s) identified through the Overhead 34kV Inspection Program.

**Vegetation Management - Beecher**

**Distribution Tree Trimming**

**Full:** Line clearance tree pruning and vegetation maintenance is performed on a four-year cycle to reduce vegetation-related interruptions on the overhead distribution system. All primary-voltage overhead power lines on a circuit are included in cycle maintenance.  
**Spot:** Midway through the four-year preventive maintenance cycle, distribution circuits are reviewed based on their vegetation-related interruption history. The work scope includes targeted areas of circuits that have had a history of vegetation related interruptions. This program goes above and beyond the typical cycle trim, going after the trees most likely to cause interruptions. This work typically includes pruning and removing overhanging branches, pruning for additional tree-to-conductor clearances, removing entire trees, and removing potentially hazardous trees.

**NOTE:** Miles Trimmed reflects the total number of miles trimmed (rounded) on each circuit for Full Trim cycles. Spot Trim miles are not tracked. Miles may or may not include multiple towns/wards.

Circuit	Year	Type	Plan	Completed	Miles Trimmed	Comments
F175	2016	Full	Q2	Q3	65	Modified overall trim schedule to focus on high-risk circuits early in the year
L12732	2016	Full	Q1	Q1	24	
L7347	2017	Spot				

**Vegetation Management - Beecher**

**Priority Trees**

Trees identified during visual inspections that could impact the system. Trees may have been identified for several reasons, examples, may be outside ComEd's trim zone, on customer's property, or hazardous to climb.

**NOTE:** The location of trees listed is the general area noted in the field. The presence or conditions of certain trees in this report may have changed between the time the information was collected and the issuance of this report.

Circuit	Location
K445	1 priority tree(s) on private property at 14148 CO HWY 1050 E

**Customer Reliability Improvements - Beecher**

**Customer Target Program**

Customer Target Program focuses on customers who have experienced multiple interruptions. Typically, improvements address specific reliability issues for these customers while also improving the circuits overall performance.

<b>Total Customer Target Circuits for Beecher 2016 (Identified in 2015) = 0</b>	<b>Total Customers = 0</b>
<b>Total Customer Target Circuits for Beecher 2017 (Identified in 2016) = 1</b>	<b>Total Customers = 2</b>

Circuit	Year	Status	Interruption Type	Comments	Number of Customers
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*Work planned is based on current available information and is subject to change.*

## Customer Reliability Improvements - Beecher

### Customer Target Program

Total Customer Target Circuits for Beecher 2016 (Identified in 2015) = 0

Total Customers = 0

Total Customer Target Circuits for Beecher 2017 (Identified in 2016) = 1

Total Customers = 2

Circuit	Year	Status	Interruption Type	Comments	Number of Customers
F165	2017	Planned	Interruption Frequency	Replaced approximately 1,700 feet of underground cable, coordinated fuses at 7 locations, installed lightning arresters at 9 locations, upgraded oil recloser at 1 location, replace approximately 700 feet of underground cable, and install reclosers at 3 locations.	2

## Customers with Multiple Interruptions - Beecher

All interruptions greater than one minute in duration

### Customers with More than 6 Interruptions

Circuit	Customers with More than 6 Interruptions (All Interruptions)		Customers with More than 6 Interruptions (Non-Storm)	
	1 year 2016	2 years 2015 - 2016	1 year 2016	2 years 2015 - 2016
F165	5	5	5	5

Work planned is based on current available information and is subject to change.

## E. Circuit Reference

## Circuits Serving Beecher

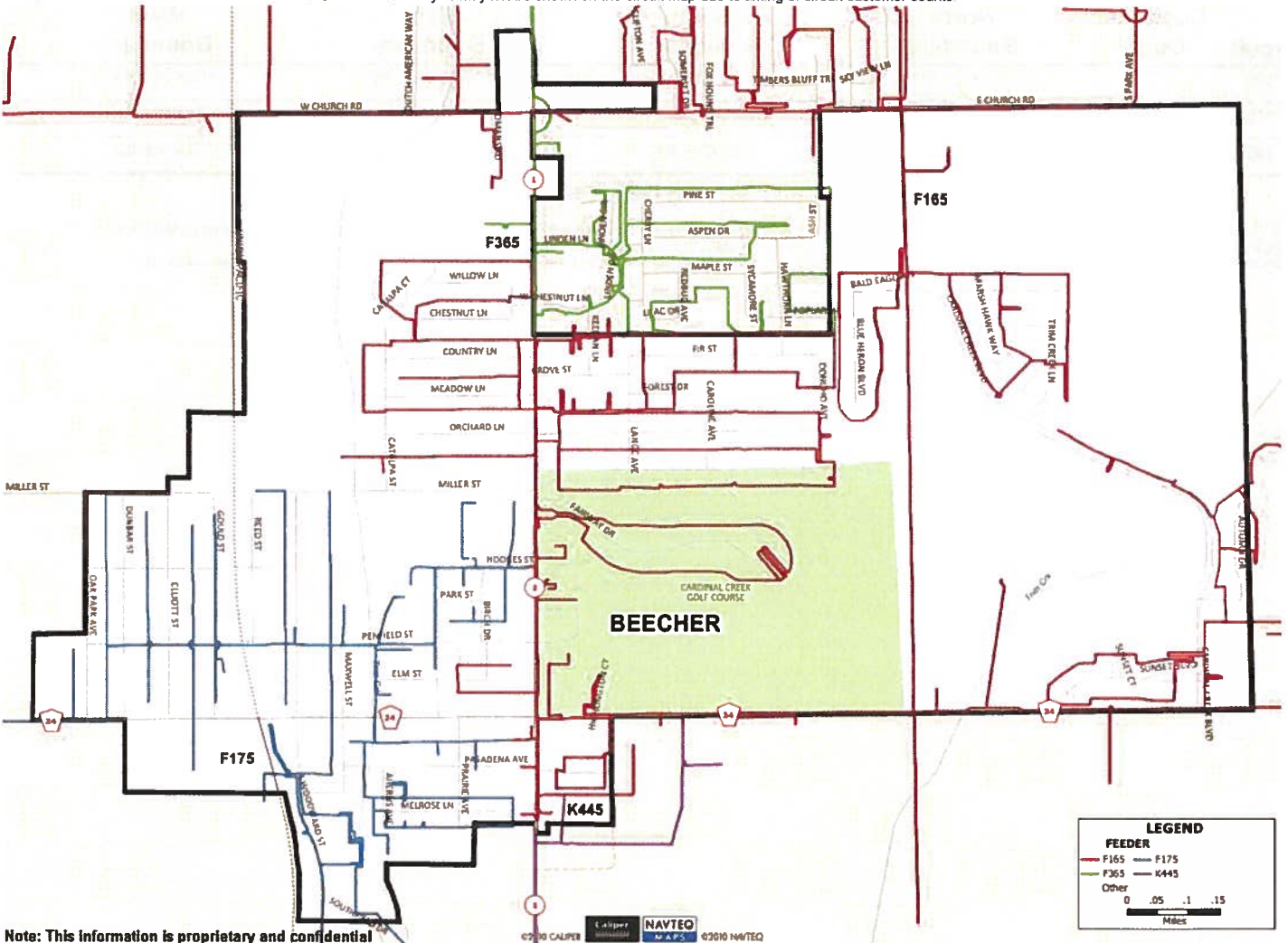
Circuit	Customer Count	North Boundary	South Boundary	East Boundary	West Boundary
F165	1,063	OFFNER RD	CO HWY 1100N	STATE LINE RD	CRAWFORD AVE
F175	619	PAULING RD	COUNTY LINE RD	DIXIE HWY	CENTER RD
F365	254	BURVILLE RD	GROVE ST	STATE LINE RD	NACKE RD

**Total Circuits Serving Beecher: 3**

Notes: Circuit boundary information is provided for 4kV and 12kV distribution circuits on an "as-designed" basis and the boundaries listed are approximate. Daily operating conditions and contingencies may require modifications from the "as-designed" conditions. Circuits operating at 34kV and greater are not included. Circuits listed serve 5 or more customers and are a snapshot as of February 2017. Some circuits may or may not be shown on the circuit map due to timing of circuit customer counts.

## Beecher

Note: Circuits listed serve 5 or more customers. Some circuits may or may not be shown on the circuit map due to timing of circuit customer counts.



Note: This information is proprietary and confidential.

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## **F. Current General Purpose Letter on Franchise Consideration**

**Please review facilities listed in order to ensure its accuracy. If you identify any discrepancies, please contact your External Affairs Manager.**

**Beecher**

August 13, 2013

President and Board of Trustees  
Village of Beecher  
Beecher, Illinois

President and Board of Trustees:

The undersigned, Commonwealth Edison company, for good and valuable considerations, hereby agrees that so long as that certain ordinance passed by the President and Board of Trustees of the Village of Beecher, August 10, 1992, granting the undersigned, its successors and assigns, the right to construct, operate and maintain an electric light and power system in the Village of Beecher, shall remain in full force and effect, said Commonwealth Edison Company, its successors and assigns will, during each calendar year for the remainder of the life of said ordinance, supply without charge to the Village of Beecher, such an amount of electric energy as may be reasonable necessary for lighting and various other uses in the following municipal buildings solely occupied for municipal purposes and not for purposes of revenue (or such part thereof as may from time to time be so occupied):

ESDA Facility	628 Gould Street	36351-47039	
ESDA Facility	628 Gould St. Alarm Siren	43920-26054	Effective 5/30/13
ESDA Facility	SS Church Road, 3E Dixie Highway	35870-97008	
Historical Society	620 Reed Street	07711-33030	
Public Works Facility	1S Ahrens Drive	09333-46000	
Public Works Facility	30300 Town Center Road	11871-65038	Effective: 12/03/09
Public Works Facility	380 Ahrens Drive	11861-36015	
Village Hall	724 Penfield	13462-86003	

The foregoing arrangement shall be effective beginning with readings as noted above and the removal of Account No. 09333-45003 effective 1-13-03 of meter measuring electric energy.

None of said electric energy so to be supplied without charge to the Village shall be used by the Village for heating, street lighting, water pumping or other such power purposes. Nor shall any of said energy be resold for any purpose whatsoever.

This agreement and the commitments herein contained shall supersede, replace and be in lieu of the undertakings contained in a letter, addressed to the President and Board of Trustees of the Village of Beecher, dated February 5, 2003.

If you have questions, please contact your ComEd External Affairs Manager, Scott Bertrand, at 708 235-2392.

Very truly yours,

COMMONWEALTH EDISON COMPANY



Mark Falcone  
External Affairs Regional Director



# RatingsDirect®

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## Summary:

# Beecher Village, Illinois; General Obligation

### Primary Credit Analyst:

Eric J Harper, Chicago (1) 312-233-7094; eric.harper@spglobal.com

### Secondary Contact:

John A Kenward, Chicago (1) 312-233-7003; john.kenward@spglobal.com

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Rationale

Outlook

Related Research

## Summary:

# Beecher Village, Illinois; General Obligation

### Credit Profile

Beecher Vill GO

*Long Term Rating*

AA/Negative

Downgraded

## Rationale

S&P Global Ratings lowered its long-term rating on Beecher Village, Ill.'s existing general obligation (GO) debt to 'AA' from 'AA+'. The outlook is negative.

The downgrade reflects our view of weakening in Beecher's debt profile from additional debt issuances, as well as our revised assessment of its financial management practices and policies that we now consider just "good" from "strong" under our Financial Management Assessment (FMA) methodology.

The village's existing GO debt is secured by its unlimited property tax pledge.

The rating reflects our view of the village's:

- Adequate economy, with access to a broad and diverse metropolitan statistical area (MSA);
- Strong management, with "good" financial policies and practices under our FMA methodology;
- Adequate budgetary performance, with an operating surplus in the general fund but an operating deficit at the total governmental fund level in fiscal 2016;
- Very strong budgetary flexibility, with an available fund balance in fiscal 2016 of 22% of operating expenditures;
- Very strong liquidity, with total government available cash at 59.4% of total governmental fund expenditures and 17.9x governmental debt service, and access to external liquidity we consider strong;
- Adequate debt and contingent liability profile, with debt service carrying charges at 3.3% of expenditures and net direct debt that is 60.6% of total governmental fund revenue, as well as rapid amortization, with 68.1% of debt scheduled to be retired in 10 years, but high overall net debt at greater than 10% of market value; and
- Strong institutional framework score.

### Adequate economy

We consider Beecher's economy adequate. The village, with an estimated population of 4,682, is in Will County in the Chicago-Naperville-Elgin, Ill.-Ind.-Wis. MSA, which we consider to be broad and diverse. The village has a projected per capita effective buying income of 101.9% of the national level and per capita market value of \$59,326. Overall, the village's market value grew by 0.6% over the past year to \$277.8 million in 2017. The county unemployment rate was 6.1% in 2016.

Beecher encompasses an area of four square miles and it is located 37 miles south of Chicago, which gives residents access to a wide variety of employment opportunities in the Chicago MSA. The village expects employment growth in the local economy and additional housing demand in the village due to an Amazon distribution center and airport being developed nearby. We expect the economy to remain adequate.

### **Strong management**

We view the village's management as strong, with "good" financial policies and practices under our FMA methodology, indicating financial practices exist in most areas, but that governance officials might not formalize or monitor all of them on a regular basis.

We revised the FMA to "good" from "strong" because the village is not in compliance with its reserve target, and investment holdings are not reported regularly.

In developing the budget, management uses three to four years of historical data, outside data sources, and line-item estimates. Management reports budget-to-actual results monthly to the council and the budget can be amended as necessary throughout the year. The village maintains a long-term financial plan that covers the budget year and five future years. It also maintains a five-year capital improvement plan for its water and sewer systems, which is updated annually. It also has a 15-year capital improvement plan for street projects, although this plan is not regularly updated. The village has investment and debt management policies but investment holdings are only reported in the annual audit. The informal reserve target is 25% of expenditures, although reserves are currently below this amount.

### **Adequate budgetary performance**

Beecher's budgetary performance is adequate in our opinion. The village had surplus operating results in the general fund of 4.5% of expenditures, but a deficit result across all governmental funds of 3.5% in fiscal 2016.

Based on unaudited actuals, management expects a \$24,000 (or 1%) general fund surplus in 2017. For 2018, management expects up to a \$50,000 deficit due to a capital project. However, management indicates that conservative revenue estimates could lead to balanced results in 2018. Total governmental fund performance in recent years has been somewhat negative. Overall, we expect budgetary performance to remain adequate.

The village has about \$80,000 in additional taxing authority above what it is currently levying, although the council has frozen the millage rate since 2011. The lack of growth in equalized assessed value in recent years has limited growth in property taxes. To maintain mostly balanced general fund results in recent years, the village has not hired any new positions since 2008. Primary general fund revenues include local taxes (46%) and intergovernmental revenues (43%).

### **Very strong budgetary flexibility**

Beecher's budgetary flexibility is very strong, in our view, with an available fund balance in fiscal 2016 of 22% of operating expenditures, or \$501,000.

Based on management's projected operating results in 2017, available reserves are expected to be about \$525,000 (21.8% of expenditures). Depending on general fund performance in 2018, available reserves could decline below \$500,000, a level we consider low on a nominal basis. While we anticipate that slow revenue growth and capital needs will pressure reserves in 2018, we expect budgetary flexibility to remain very strong as a percentage of expenditures.

### **Very strong liquidity**

In our opinion, Beecher's liquidity is very strong, with total government available cash at 59.4% of total governmental fund expenditures and 17.9x governmental debt service in 2016. In our view, the village has strong access to external liquidity if necessary.

The village has strong access to external liquidity, in our opinion, because it has issued GO debt within the last 20 years. The village has private loan agreements that include debt acceleration with nonstandard events of default; however, we believe liquidity risk is minimal because the village maintains adequate internal liquidity (\$1.9 million in 2016) should debt acceleration occur. We expect liquidity to remain very strong.

The village has the following private placement and private loans outstanding:

- The village privately placed its \$1 million series 2017 GO refunding bonds. No debt acceleration or other nonstandard liquidity risks are included in the agreement with the purchasing bank.
- In 2016, the village entered into a loan agreement with First Community Bank and Trust for the design of its sewer treatment plant. The current principal balance is \$350,000 with final maturity at February 2018. The loan is secured by the village's water and sewer revenues. The agreement includes immediate acceleration of debt payments upon an event of default. The events of default include a material adverse change in financial condition, lender insecurity, and cross-default, which we consider nonstandard liquidity risks.
- In 2014, it entered into a loan agreement with First Community Bank and Trust, with a current principal of \$75,000 and final maturity in October 2019. The agreement includes immediate acceleration of debt payments upon an event of default. The events of default include a material adverse change in financial condition, cross-default, and lender insecurity, which we consider nonstandard liquidity risks.
- In 2013, the village entered into a loan agreement with First National Bank of Grant Park with final maturity in 2023 and \$561,000 currently outstanding. The loan agreement includes acceleration of debt payments upon an event of default. The events of default include lender insecurity and if the borrower is sued for collection on any other debt, which we consider nonstandard liquidity risks.

#### **Adequate debt and contingent liability profile**

In our view, Beecher's debt and contingent liability profile is adequate. Total governmental fund debt service is 3.3% of total governmental fund expenditures, and net direct debt is 60.6% of total governmental fund revenue. Approximately 68.1% of the direct debt is scheduled to be repaid within 10 years, which is in our view a positive credit factor. Negatively affecting our view of the village's debt profile is its high overall net debt of 10.6% of market value.

The village has no additional GO debt plans at this time, but it may enter into a \$1.3 million state loan secured by water revenues.

Beecher's pension contributions totaled 4.3% of total governmental fund expenditures in 2016. The village made its full annual required pension contribution in 2016.

The village participates in the Illinois Municipal Retirement Fund, an agent multiemployer pension plan. In 2015, the plan was 84% funded with a net pension liability of \$808,000. The village reports no other postemployment benefit liabilities.

#### **Strong institutional framework**

The institutional framework score for Illinois non-home rule cities and villages subject to the Property Tax Extension Limitation Law is strong.

## Outlook

The negative outlook reflects our opinion that there is at least a one-in-three chance that we could lower the rating in the two-year outlook period. Available reserves have narrowed close to a level that we consider low on a nominal basis. If reserves were to deteriorate below \$500,000, we could lower the rating. Conversely, if available reserves were to increase and be maintained over our low nominal threshold, we could revise the outlook back to stable.

## Related Research

- S&P Public Finance Local GO Criteria: How We Adjust Data For Analytic Consistency, Sept. 12, 2013
- Alternative Financing: Disclosure Is Critical To Credit Analysis In Public Finance, Feb. 18, 2014
- Incorporating GASB 67 And 68: Evaluating Pension/OPEB Obligations Under Standard & Poor's U.S. Local Government GO Criteria, Sept. 2, 2015

Certain terms used in this report, particularly certain adjectives used to express our view on rating relevant factors, have specific meanings ascribed to them in our criteria, and should therefore be read in conjunction with such criteria. Please see Ratings Criteria at [www.standardandpoors.com](http://www.standardandpoors.com) for further information. Complete ratings information is available to subscribers of RatingsDirect at [www.globalcreditportal.com](http://www.globalcreditportal.com). All ratings affected by this rating action can be found on the S&P Global Ratings' public website at [www.standardandpoors.com](http://www.standardandpoors.com). Use the Ratings search box located in the left column.

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# BUILDING PERMITS - MAY 2017

PERMIT #	OWNER NAME	ADDRESS	DATE	DESCRIPTION	COST	VALUE
040-17-05B	Hunters Ch. HOA	1316-18-20-22 Fox Hound	5/3/2017	4-unit Roof	\$140.00	\$13,811.25
041-17-05B	Hunters Ch. HOA	1326-30-32-34 Fox Hound	5/3/2017	4-unit Roof	\$140.00	\$13,811.25
042-17-05B	Hunters Ch. HOA	1411-13-15-17 Fox Hound	5/3/2017	4-unit Roof	\$140.00	\$13,811.25
043-17-05B	Hisel	537 Chestnut	5/4/2017	Roof	\$55.00	\$10,200.00
044-17-05B	Hudik	546 Gould	5/4/2017	Fence	\$60.00	\$5,042.00
045-17-05B	Stluka	604 Willow	5/8/2017	Fence	\$60.00	\$5,677.00
046-17-05B	Stluka	618 Gould	5/9/2017	Concrete Patio	Waived	\$10,000.00
047-17-05B	Myers	202 Orchard	5/9/2017	Roof	\$55.00	\$200.00
048-17-05B	Griffin	1618 Fox Hound	5/10/2017	Roof	\$55.00	\$7,595.00
049-17-05B	Beck	607 Miller	5/11/2017	Deck	\$116.00	\$4,000.00
050-17-05B	Miller	1564 Somerset	5/11/2017	Fence	\$60.00	\$8,417.00
051-17-05B	Creed	285 Hunters	5/17/2017	Roof	\$55.00	\$9,584.00
052-17-05B	Struzynski	289 Mallards	5/24/2017	Pool Deck	\$70.00	\$1,100.00
053-17-05B	Pospichal	321 Lilac	5/24/2017	Deck	\$100.00	\$5,000.00
054-17-05B	Schilling	1035 Redbud	5/25/2017	Generator	\$65.00	\$6,500.00
055-17-05B	Saller	531 Dunbar	5/30/2017	Roof	\$55.00	\$5,500.00
056-17-05B	Hall	429 Woodward	5/30/2017	Roof	\$55.00	\$4,000.00
057-17-05B	Rasmussen	816 Catalpa	5/30/2017	Fence	\$60.00	\$2,000.00

**MONTHLY TOTALS**

\$1,341.00

\$126,248.75

**VILLAGE OF BEECHER, WILL COUNTY, ILLINOIS**

**ORDINANCE NO. \_\_\_\_\_**

**AN ORDINANCE ADDING CODE SECTION 4.36 TO ZONING ORDINANCE NO. 1046 OF VILLAGE OF BEECHER PERTAINING TO SOLAR ENERGY SYSTEMS, AND REPEALING ALL VILLAGE CODE SECTIONS AND ORDINANCES, OR PARTS THEREOF, IN CONFLICT THEREWITH.**

**WHEREAS**, the Corporate Authorities of the Village of Beecher, Will County, Illinois, have been advised by the Village Planning and Zoning Commission that it is necessary to amend Village Zoning Ordinance No. 1046:

1. To establish reasonable and uniform regulations for the location, installation, operation and maintenance of Solar Energy Systems.
2. To assure that any development and production of solar is safe and to minimize any potentially adverse effects on the community.
3. To promote the supply of sustainable and renewable energy resources, in support of national, state and local goals; and
4. To facilitate energy cost savings and economic opportunities for residents and businesses situated within the Village.

**WHEREAS**, the Corporate Authorities of this Village of Beecher, Will County, Illinois, have reviewed the text provisions of Village Zoning Ordinance No. 1046 concerning solar energy systems; and

**WHEREAS**, the Village Planning and Zoning Commission, did, on the 25<sup>th</sup> day of May, 2017, pursuant to published notice as required by law, held a Public Hearing on the advisability and necessity of amending Village Zoning Ordinance No. 1046, as amended from time to time, to revise certain text provisions to allow and regulate solar energy systems in all zoning districts; and

**WHEREAS**, the Corporate Authorities of this Village of Beecher, Will County, Illinois, having reviewed the recommendation of the Planning and Zoning Commission as well as the Village Zoning Ordinance No. 1046 text provisions, as amended from time to time, now concur that it is advisable, necessary, and in the best interests of the residents of the Village of Beecher that Village Zoning Ordinance No. 1046 be amended to allow and regulate solar energy systems.

**NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BEECHER, WILL COUNTY, ILLINOIS, AS FOLLOWS:**



**SECTION ONE:** That Subsection 4.36, entitled “SOLAR ENERGY SYSTEMS” of SECTION 4.00, entitled “GENERAL PROVISIONS”, of Zoning Ordinance No. 1046 of the Village of Beecher, be, and the same is hereby added to read and provide as follows, namely:

#### **“4.36 SOLAR ENERGY SYSTEMS**

##### **1. DEFINITIONS.**

**Building-Integrated Solar Energy System:** A solar energy system that is an integral part of a principal or accessory building, rather than a separate mechanical device, replacing or substituting for an architectural or structural part of the building. Building-integrated systems include, but are not limited to, photovoltaic or hot water systems that are contained within roofing materials, windows, skylights, shading devices and similar architectural components.

**Roof-Mounted Solar Energy System:** A solar energy system that is mounted on the roof of either a principal or accessory structure.

**Ground-Mounted Solar Energy System:** A solar energy system not attached to another structure and is ground mounted.

**Flush-Mounted Solar Energy System:** A solar energy system that is mounted flush with a finished surface, at no more than six (6) inches in height above that surface.

**Photovoltaic Cell:** A semiconductor device that converts solar energy into electricity.

**Solar Energy System:** A system for which the primary purpose is to convert solar energy into thermal, mechanical or electrical energy for storage and use.

**Solar Panel:** A group of photovoltaic cells are assembled on a panel and panels are assembled on-site into solar arrays.

**Utility Solar Energy System:** A solar energy system that is primarily used to produce energy for commercial distribution.

##### **2. General Requirements**

- A. Solar energy systems are permitted in all zoning districts provided that all building permit requirements and all other general regulations are met, including, but not limited to, the Building Code, Zoning Ordinance, and the requirements provided herein.
- B. No solar energy system shall be constructed or installed without first obtaining a building permit.
- C. Each solar energy system shall conform to applicable industry standards including those of the American National Standards Institute (ANSI).
- D. A certificate of compliance demonstrating that the solar energy system has been tested and approved by Underwriters Laboratories (UL) or other approved independent testing agency shall be submitted with any permit application.

##### **3. Application Requirements**

An application for all Solar Energy Systems permits shall contain the following information:

- A. Name, address, and telephone number of the applicant.

- B. Name, address and telephone number of the person, firm or corporation constructing and installing the solar energy system.
- C. Elevation drawings and photographs and site plan showing location, size and design details of proposed solar energy system.
- D. Manufacturer specifications of the solar collectors and devices including: wattage capacity, dimensions of collectors, mounting mechanisms and/or foundation details and structural requirements.
- E. Any other relevant information as required by the Zoning Administrator to show full compliance with this and any other applicable ordinances.

#### **4. Use of Solar Energy Systems**

- A. The primary purpose of Solar Energy Systems, except for Utility Solar Energy Systems, shall be to produce energy to support the permitted uses on the property.
- B. Subject to local electric utility company regulations, it is permissible to sell excess energy that is produced by a Solar Energy System to the local electric utility company.

#### **5. Roof-Mounted Solar Energy Systems**

- A. Location
  - 1. Roof-mounted solar energy systems are allowed on the roof of permitted principal and accessory structures in all zoning districts.
  - 2. Roof-integrated and/or flush-mounted solar energy systems shall be used when installed on any roof facing a street.
- B. Horizontal Projection
  - 1. Roof-mounted solar energy systems shall not extend beyond the exterior perimeter of the building on which the system is mounted or built.
- C. Height
  - 1. Height shall be measured vertically from the lowest edge of the panel to the highest edge of the system.
  - 2. Roof-mounted solar energy systems shall not extend above the highest point on the roof line.

#### **6. Ground-Mounted Solar Energy Systems**

- A. In addition to the application General Requirements provided herein, the applicant shall also submit a scaled Site Plan drawings which includes the following information:
  - 1. Existing and proposed contours, at a minimum of one foot intervals.
  - 2. Location, setbacks, exterior dimensions and square footage of all existing and proposed structures.
  - 3. Location and size of existing waterways, wetlands, one hundred-year floodplains, sanitary sewers, storm sewers, drain tiles and water distribution systems.
  - 4. Location of any overhead or underground utilities and easements.
  - 5. Location of existing trees.
- B. Use and Location
  - 1. Ground-mounted solar energy systems shall be permitted only as a special use in the AG-1 Agricultural District, R-E Single Family Residence Estate District, and I-1 Limited Industrial District.
- C. Setback Requirements
  - 1. Ground-mounted solar energy systems shall not be located in any front yard or corner side yard.
  - 2. Ground-mounted solar energy systems shall comply with the respective setback requirements, as measured from the property line to the closest edge of the system.

D. Lot Coverage

The total solar panel surface area shall be included in the lot coverage calculations for the respective zoning district.

E. Height

Building-mounted solar energy systems shall not exceed the height limits for accessory structures in the respective zoning district, as measured from adjoining grade at base to the highest elevation of the equipment.

**7. Utility Solar Energy Systems**

A. In addition to the application General Requirements provided herein, the applicant shall also submit a scaled Site Plan drawings which includes the following information:

1. Existing and proposed contours, at a minimum of one foot intervals.
2. Location, setbacks, exterior dimensions and square footage of all existing and proposed structures.
3. Location and size of existing waterways, wetlands, one hundred-year floodplains, sanitary sewers, storm sewers, drain tiles and water distribution systems.
4. Location of any overhead or underground utilities and easements.
5. Location of existing trees.

B. Use and Location

Utility Solar Energy Systems shall be permitted as a special use only in the AG-1 Agricultural District.

C. Lot Size

The minimum lot size for a Utility Solar Energy System shall be no less than 10 acres.

D. Setback Requirements

In all zoning districts, Utility Solar Energy Systems shall comply with the respective setback requirements, as measured from the property line to the closest edge of the system.

E. Lot Coverage

The total solar panel surface area of Utility Solar Energy Systems shall be included in the lot coverage calculations for the respective zoning district.

F. Height of Solar Energy Systems

Utility Solar Energy Systems shall not exceed ten (10) feet in height measured from adjoining grade at base to the highest elevation of the equipment, unless otherwise approved by the Village.

G. Fencing Required

Utility Solar Energy Systems shall be enclosed with a fence approved by the Village.

H. Other Conditions.

Conditions may be imposed on the Special Use, including, but not limited to, maintenance and removal of nonfunctioning panels and components, minimizing glare potential, appropriate drainage, maintenance of area where system is located, and other conditions based upon the surrounding area”

**SECTION TWO:** That all existing Ordinances and Village Code provisions, or parts thereof, in conflict with the provisions of this Ordinance, are hereby deemed null, void, and of no legal effect, and are specifically repealed.

**SECTION THREE:** If any section, clause, provision or portion of this Ordinance shall be held to be invalid or unconstitutional by any Court of competent jurisdiction, such decision shall not affect any other section, clause, provision or portion of this Ordinance, and this Village Board hereby expressly acknowledges that it would have enacted this Ordinance even with the invalid portion deleted.

**SECTION FOUR:** That this Ordinance shall be in effect immediately after its passage by the Village Board, its approval by the President and its publication as required by law.

**PASSED** and **APPROVED** this \_\_\_ day of \_\_\_\_\_, 2017.

Yeas: \_\_\_\_\_

Nays: \_\_\_\_\_

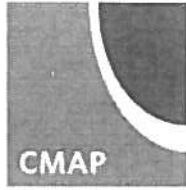
Abstain: \_\_\_\_\_

Present: \_\_\_\_\_

\_\_\_\_\_  
Greg Szymanski, Village President

**ATTEST:**

\_\_\_\_\_  
Janett Conner, Village Clerk



**Application form:  
RTA Community Planning Program and  
CMAP Local Technical Assistance Program**

**DEADLINE:** Noon on Thursday, June 29, 2017

This application form is online at [www.rtachicago.org/applications](http://www.rtachicago.org/applications). You may submit the form by email to [applications@rtachicago.org](mailto:applications@rtachicago.org).

Upon receipt of application, you will receive an e-mail verifying that your application has been received.

1. Name of Applicant

**The Village of Beecher, Will County, Illinois**

2. Main Contact for Application

Name: Robert O. Barber

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Title: Village Administrator

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Phone number: 708-946-2261

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Email: [bobadm@villageofbeecher.org](mailto:bobadm@villageofbeecher.org)

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3. Type of Applicant (please check any that apply)

Local government

Multijurisdictional group\*  $\longrightarrow$  Please list the members of the group (including government and nongovernmental organizations):

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Nongovernmental organization\*  $\longrightarrow$  Name of local government partner(s):

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\*Applications submitted by multijurisdictional groups and nongovernmental organizations must include a letter indicating support from each relevant local government. See the FAQs for more information.

Nongovernmental applicants are strongly encouraged to contact CMAP or the RTA prior to submitting their application to discuss their project and the demonstration of local support.

#### 4. Project Type (please check any that apply)

Please check all statements below that describe characteristics of your project.

- My project involves preparation of a plan.
- My project involves updating an already existing plan.
- My project helps to implement a past plan.
- My project links land use, transportation, and housing.
- My project has direct relevance to public transit and supports the use of the existing transit system.
- My project is not directly related to transportation or land use, but implements GO TO 2040 in other ways.

#### 5. Local Match Requirement (please initial to indicate you are aware of the local match requirements)

I am aware that a local match will be required for most projects, and understand that if my project is selected it is up to the project applicant to contribute a local match. (See the program guide for further details on local match requirements.)

- Yes, I understand that applicants will be required to contribute a local match.

The Village has budgeted \$8,000 (20% local match for a planned \$40,000 worth of consultant work in the event the project is outsourced.

#### 6. Project Location

The Village's proposed plan will examine all territory within its 1.5 mile planning jurisdiction in addition to some areas where regionally - significant capital projects are planned or under way. The Village's current land use plan, adopted in 2005, is on the Village's website, [www.villageofbeecher.org](http://www.villageofbeecher.org).

#### 7. Project Description

The Beecher Village Board and the Beecher Planning and Zoning Commission have passed unanimous motions of support to update the 2005 land use plan as a full comprehensive plan. A comprehensive plan has not been fully prepared for Beecher since 1996. Since that time, there have been major changes in the community which has more than doubled in size. Major capital projects such as the South Suburban Airport, CSX Crete Logistics and Intermodal Center, the Illiana Expressway, and the Great Lakes Basin Railway are all in various stages of planning and development and are within five miles of the Village of Beecher. There is a need to engage the residents of Beecher in the planning process and allow them the opportunity for input and collaboration with the local leadership. The use of a third party with technical and facilitative skills and experience will greatly enhance the value of the plan to the community. The Village has set aside \$8,000 in its current budget as a local match if awarded an LTA to pay for CMAP staff or for outsourcing. It is estimated that an outsourced plan would cost about \$40,000.

The Village has already adopted zoning and subdivision regulations that accommodates new technologies such as solar and wind energy and embraces the use of conservation design through the use of incentives for developers. However, the current comprehensive plan is inadequate and outdated. The Village not only desires to update the plan but needs to.

#### 8. Previous Plan Implementation Efforts

The Village has drafted a Water and Sewer Master plan for its 1.5 mile planning jurisdiction in 2014 so that sizes of pipes and force mains and pumping capacities are sufficient to adequately convey water and wastewater to the planning area. The Village is also in the process of rehabilitating its wastewater treatment plant to meet new IEPA regulations and increase its capacity. Developers have been required to oversize pipes and mains for many years now to accommodate future development. However, the Village does not have an updated cohesive land use or transportation plan to supplement its underground infrastructure plans.

The Village has been successful in the past creating a regional land use plan around the proposed south suburban airport (SSA) with its neighboring communities and Will County through a CMAP (which was then called NIPC) grant project. This work resulted in the creation of a development district where planning decisions and also revenues would be shared so that decisions on land use would be purely driven by the plan and not economic incentives. The Village has also adopted and implemented successful land use plans in 1971, 1989, 1996 and 2005. However, significant public participation has not been solicited since 1996.

#### 9. Additional Strategic Partnerships

The Village of Beecher has active boundary agreements with the Village of Peotone to the west and Grant Park to the south. It has participated not only in subregional plans such as the SSA land use plan but participated in two re-writes of the Will County Land Use Plan. The Village also helped Washington Township draft its land use plan which was one of the first plans of its kind in the State of Illinois. The Village has also facilitated the creation of parks and recreation plans and an overall leisure strategy for youth and seniors as the community tries to address these needs without a park district.

In drafting the comprehensive land use plan, the Village recognizes that the success of the final product is a result of effective participation and collaboration with all stakeholders. The Village would encourage the Will County Land Use and Highway Departments and the Washington Township Planning Commission (an advisory body) to participate in the creation of the plan. The Village will also reach out to the Villages of Grant Park, Peotone and Crete to get their input into the plan nearer our borders. Engaging other local governments and community organizations as the Beecher Chamber of Commerce, Beecher School District, Beecher Fire District, and the Beecher Library District to participate and provide input are critical to the plan's successful implementation.



**VILLAGE OF BEECHER  
POLICE**

**Jeffrey L. Weissgerber**  
Chief of Police

724 Penfield Street • P.O. Box 1114 • Beecher, IL 60401 • (708) 946-2341 • Fax (708) 946-3039

**DATE:** JUNE 23, 2017

**TO:** VILLAGE PRESIDENT, BOARD OF TRUSTEES &  
VILLAGE ADMINISTRATOR

**FROM:** JEFFREY L. WEISSGERBER, CHIEF OF POLICE

**RE:** REPORT OF POLICE ACTIVITIES FOR THE MONTH OF  
MAY, 2017

**CONFIDENTIAL MATERIAL**

THIS REPORT IS NOT FOR PUBLIC DISSEMINATION. IT CONTAINS REPORTS, NOTES AND RECOMMENDATIONS OF THE BEECHER POLICE DEPARTMENT ALONG WITH CONFIDENTIAL AND/OR PROTECTED INFORMANTION AND DATA. RECIPIENTS ARE RESPONSIBLE FOR THE HANDLING OF SUCH INFORMATION AND DATA IN ACCORDANCE WITH APPLICABLE FEDERAL AND STATE LAWS AND REGULATIONS. IT IS THEREFORE CONFIDENTIAL AND INTENDED ONLY FOR THE MEMBERS OF THE VILLAGE BOARD AND THE VILLAGE ADMINISTRATOR.



## **I. ITEMS OF INTEREST**

- A. The reports from the Director of EMA/Community policing and Code Enforcement for the month of April are enclosed for your review.
- B. Detectives Leroy and Sipple have been assigned to the Will Grundy Major Crimes Task Force East unit.
- C. Lt Emerson was promoted to the position of executive officer and serves as the second in command for ILEAS Region 3 South Mobile Field Force.
- D. Chief Weissgerber attended the annual Law Enforcement Memorial in Joliet on May 11<sup>th</sup>.
- E. Enclosed is a copy of an ordinance from the Village of Frankfort regarding neighborhood vehicles. The Village Administrator provided copies of Manteno's ordinance and there is language in this one that we need to incorporate into any ordinance we draft.
- F. Details of the traffic study on Gould Street at the RR crossing is also included in this report, even though it was done June 9<sup>th</sup> through the 16<sup>th</sup>.

## **II. TRAINING**

- A. Lt. Emerson and Officers Little and Sipple attended an 8 hour Mobile Field Force training exercise in Kankakee on May 1<sup>st</sup>.
- B. Officer Tatgenhorst attended a 3 hour seminar on Drones, held in West Chicago, May 2<sup>nd</sup>.
- C. Officers Fraher and Kritenbrink attended an 8 hour class on Use of Force, held in Tinley Park May 4<sup>th</sup>.
- D. Officers Leroy and Sipple attended an 8 hour class on High Tech Investigations held in Plainfield on May 4<sup>th</sup>. On May 5<sup>th</sup>, they attended the 8 hour advanced module.
- E. Chief Weissgerber and Lt. Emerson attended an 8 hour class on Tactical Risk Management held in Wilmington on May 8<sup>th</sup>.
- F. Officer Kritenbrink attended an 8 hour class on Illinois Traffic Crash Reports, held in LaGrange on May 9<sup>th</sup>.
- G. Lt. Emerson attended the 8 hour Taser Instructor recertification class held in Crestwood on May 11<sup>th</sup>.

(training continued)

- H. Officer Nieken attended the 32 hour Juvenile Officer Certification class held in Frankfort May 16<sup>th</sup> through the 19<sup>th</sup>.
- I. Lt. Emerson and officer DaCorte attended a 4 hour Opioid Overdose class in Montgomery on May 18<sup>th</sup>.
- J. Officer Leroy attended a 6 hour Missing Person Workshop held in Joliet on May 19<sup>th</sup>.
- K. Chief Weissgerber, Lt. Emerson and Officer Tatgenhorst attended a 4 hour Operation Lost Sheep table top exercise in University Park on May 19<sup>th</sup>. The exercise was hosted by Will County Emergency Management and other police and fire personnel from neighboring towns were also in attendance.
- L. Officers Leroy and DaCorte attended a 40 hour class on Instructor Development, held in Hanover Park, May 22<sup>nd</sup> through the 26<sup>th</sup>.
- M. Officer Kritenbrink attended an 8 hour class on Tactical Care, held in Joliet on May 25<sup>th</sup>.

Officers also attended Operation Straight ID training provided by the Illinois Secretary of State Police during this month.

### **III. COMPARISON OF ACTIVITY FROM LAST MONTH**

A. DUI arrests were 2 this month as compared to 2 last month. Suspended/revoked driver's license arrests were 4 this month, as compared to 2 last month. 9 citations issued for speeding, 1 for transporting open alcohol and there was 20 truck citations issued. Overall, 53 tickets were issued, excluding parking tickets and ordinance violations. There were a total of 7 misdemeanor arrests, 2 felony arrests and 0 warrant arrests.

B. Officers performed 237 business/security checks and handled 187 calls for service.

C. Total crash reports for the month of May is 5. The yearly total is 26.

D. Monthly ticket totals:

Warnings: 109      Citations: 53      Civil Law: 4      Parking: 13      Compromise: 0

**IV. VEHICLE MILEAGE AND FUEL CONSUMPTION \***

A.	M-31	1568 miles driven	167.4 gals fuel
	M-32	1395 miles driven	125.0 gals fuel
	M-33	1540 miles driven	124.3 gals fuel
	M-34	960 miles driven	117.1 gals fuel
	M-35	747 miles driven	126.3 gals fuel
	M-36	937 miles driven	72.4 gals fuel
	M-37	961 miles driven	138.3 gals fuel
	M-38	(New Vehicle)	
	M-39	956 miles driven	138.5 gals fuel
	M-40	815 miles driven	76.2 gals fuel

Police master gas key.....0.0 gals fuel  
Diesel fuel for truck(s).....0.0 gals fuel  
Beecher EMA.....16.7 gals fuel

B. Total mileage..9,879      Average daily miles ....318.6      Average hourly...13.2

C. Total fuel consumed....1,085.5      Average fuel mileage....9.1 mpg

\*(mileage and consumption is based on 31 days; (05-01-17 through 05-31-17)

**Beecher Police Department  
Monthly Ticket Report  
May-17**

				Current	Aggregate				
				Total	Total				
Driving under the influence of alcohol/drugs				2	9				
Driving with bac over .08				2	7				
Driving under the influence of drugs in urine				0	0				
Illegal transportation of alcohol				1	2				
Suspended registration				0	2				
Improper display of registration				0	2				
Improper use of regstration				0	0				
Operation of uninsured motor vehicle				3	19				
No valid registration				0	5				
No valid drivers license				0	4				
Driving while license suspended or revoked				4	14				
Fleeing and eluding				0	1				
Speeding				9	35				
Disobey traffic control device				1	6				
Seat belt violation				1	2				
Improper lane usage				1	11				
Improper passing				0	4				
Truck violation (size/weight/load)				20	42				
Equipment violation				6	15				
Fail to yield - emergency vehicle				0	2				
Cell Phone Violation				1	12				
All others				2	8				
<b>Total tickets</b>				<b>53</b>	<b>202</b>				
<b>Total violators</b>				<b>42</b>	<b>141</b>				
	Current	%	Aggregate	%		Current	%	Aggregate	%
M/W	19	45%	70	50%	F/W	5	12%	19	13%
M/B	8	19%	23	16%	F/B	0	0%	4	3%
M/Hispanic	7	17%	20	14%	F/H	2	5%	4	3%
M/Other	1	2%	1	1%	F/Other	0	0%	0	0%
	Current	%	Aggregate	%					
Total White	24	57%	89	63%					
Total Black	8	19%	27	19%					
Total Hispanic	9	21%	24	17%					
Total Other	1	3%	1	1%					

# Beecher Police Department

## Case Report Summary

5/1/2017 12:00:00 AM to 5/31/2017 11:59:59 PM

<u>Case Number</u>	<u>Subject</u>	<u>Date/Time</u>	<u>Case Report Location</u>	<u>Call for Service Location</u>	<u>Primary Officer</u>
B1-17-0000113	Assist Fire Department	5/1/2017 8:50:43 AM	1548 Fox Hound Trl	1548 Fox Hound Trl	Leroy, Andrew #117
B1-17-0000114	T - Traffic Stop	5/4/2017 1:16:21 AM	Dixie Hwy / Miller St	S Dixie Hwy / Hunters Dr	Dacorte, Aaron #157
B1-17-0000115	T - Traffic Stop	5/6/2017 12:35:10 AM	Dixie Hwy / Indiana Ave	300 Dixie Hwy	Dacorte, Aaron #157
B1-17-0000116	Accident	5/8/2017 6:50:17 AM		Hawthorn Ln / Aspen Dr	Little, William #126
B1-17-0000117	Shoplifting Complaints	5/9/2017 4:32:05 PM	901 Dixie Hwy	901 Dixie Hwy	Waterman, Ann #129
B1-17-0000118	Driving Under the Influence	5/11/2017 8:07:34 PM	300 Blk Dixie Hwy	1111 Dixie Hwy Apt 300	Dacorte, Aaron #157
B1-17-0000119	Criminal Damage to Property	5/12/2017 6:53:03 AM	501 Country Ln	501 Country Ln	Dacorte, Aaron #157
B1-17-0000120	Intoxicated Subject	5/13/2017 2:25:30 AM	1350 Dixie Hwy	1350 Dixie Hwy	Mazurek, Ronald #148
B1-17-0000121	FRAUD INVESTIGATION	5/13/2017 11:05:59 AM	311 Dixie Hwy	311 Dixie Hwy	Hopkins, Ryan #154
B1-17-0000122	FRAUD INVESTIGATION	5/13/2017 4:21:42 PM	730 Dixie Hwy	730 Dixie Hwy	Keiley, Michael #166
B1-17-0000123	Theft	5/17/2017 10:17:01 AM	1625 Fox Hound Trl	1625 Fox Hound Trl	Emerson, Rick #108
B1-17-0000124	HARASSMENT	5/17/2017 7:36:48 PM	17208 Valley Dr	724 Penfield St	Sipple, Roger #114
B1-17-0000125	Accident	5/19/2017 5:39:04 PM		600 Blk Dixie Hwy	Fraher, Mirrissa #164
B1-17-0000126	Bite	5/20/2017 5:27:15 PM	401 Tramore Ave	401 Tramore Ave	Leroy, Andrew #117
B1-17-0000127	BURGLARY TO MOTOR VEHICLE	5/22/2017 3:58:29 AM	420 E Indiana Ave	420 E Indiana Ave	Little, William #126
B1-17-0000128	Missing Person	5/23/2017 8:06:30 PM	641 Pasadena Ave Apt 1w	641 Pasadena Ave Apt 1w	Mazurek, Ronald #148
B1-17-0000129	FRAUD INVESTIGATION	5/24/2017 11:38:15 AM	951 Dixie Hwy	951 Dixie Hwy	Nieken, Nicholas #165
B1-17-0000130	Accident	5/24/2017 3:58:39 PM		501 Country Ln	Nieken, Nicholas #165
B1-17-0000131	Accident	5/25/2017 3:50:27 PM		1111 Dixie Hwy Apt 300	Waterman, Ann #129
B1-17-0000132	Domestic	5/25/2017 10:02:01 PM	320 Mallards Cv	320 Mallards Cv	Fraher, Mirrissa #164
B1-17-0000133	Suspicious	5/26/2017 7:21:34 PM	1277 Dixie Hwy	1277 Dixie Hwy	Nieken, Nicholas #165
B1-17-0000134	BURGLARY TO MOTOR VEHICLE	5/27/2017 5:57:52 AM	1472 Fox Hound Trl	1472 Fox Hound Trl	Mazurek, Ronald #148
B1-17-0000135	Criminal Damage to Property	5/27/2017 6:10:13 AM	1390 Fox Hound Trl	1390 Fox Hound Trl	Nieken, Nicholas #165
B1-17-0000136	Criminal Damage to Property	5/27/2017 6:24:05 AM	1378 Fox Hound Trl	1378 Fox Hound Trl	Nieken, Nicholas #165
B1-17-0000137	Criminal Damage to Property	5/27/2017 6:25:20 AM	311 Spring Cv	311 Spring Cv	Mazurek, Ronald #148
B1-17-0000138	BURGLARY TO MOTOR VEHICLE	5/27/2017 7:37:18 AM	1387 Fox Hound Trl	1387 Fox Hound Trl	Emerson, Rick #108
B1-17-0000139	BURGLARY TO MOTOR VEHICLE	5/27/2017 7:58:43 AM	1561 N Saddle Run Ln	1561 N Saddle Run Ln	Young, Jeffrey #107
B1-17-0000140	BURGLARY TO MOTOR VEHICLE	5/27/2017 8:35:29 AM	280 Timbers Bluff Trl	280 Timbers Bluff Trl	Young, Jeffrey #107
B1-17-0000141	BURGLARY TO MOTOR VEHICLE	5/27/2017 9:57:05 AM	1566 Fox Hound Trl	1566 Fox Hound Trl	Young, Jeffrey #107
B1-17-0000142	BURGLARY TO MOTOR VEHICLE	5/27/2017 9:49:41 AM	1561 Mallards Cv	1561 Mallards Cv	Young, Jeffrey #107
B1-17-0000143	Theft	5/27/2017 10:44:41 AM	1396 Somerset Dr	1396 Somerset Dr	Emerson, Rick #108
B1-17-0000144	BURGLARY TO MOTOR VEHICLE	5/27/2017 2:40:03 PM	320 Mallards Cv	320 Mallards Cv	Emerson, Rick #108
B1-17-0000145	T - Traffic Stop	5/27/2017 10:05:26 PM	1300 Blk Dixie Hwy	S Rt 394 Nb / W Goodenow Rd	Mazurek, Ronald #148
B1-17-0000146	T - Traffic Stop	5/29/2017 9:49:24 AM	S Dixie Hwy / Miller St	S Dixie Hwy / Hunters Dr	Young, Jeffrey #107
B1-17-0000147	Domestic	5/29/2017 7:12:49 PM	514 Chestnut Ln	514 Chestnut Ln	Young, Jeffrey #107
B1-17-0000148	Accident	5/31/2017 10:31:31 AM		712 Penfield St	Emerson, Rick #108

# Beecher Police Department

CAD Calls For Service Counts

5/1/2017 to 6/1/2017

<b>911 HANG UP CALL</b>	<b>3</b>
<b>Abandoned 911 Call</b>	<b>1</b>
<b>Accident</b>	<b>6</b>
<b>Administrative Duties</b>	<b>2</b>
<b>ALARM</b>	<b>15</b>
<b>Animal Complaints</b>	<b>15</b>
<b>Assist Fire Department</b>	<b>41</b>
<b>Assist Law Agency</b>	<b>8</b>
<b>Bite</b>	<b>1</b>
<b>Breaks</b>	<b>15</b>
<b>BUILDING CHECK</b>	<b>237</b>
<b>BURGLARY TO MOTOR VEHICLE</b>	<b>13</b>
<b>Criminal Damage to Property</b>	<b>4</b>
<b>Detail</b>	<b>4</b>
<b>Disturbance</b>	<b>3</b>
<b>Domestic</b>	<b>4</b>
<b>Drive Off</b>	<b>3</b>
<b>Driving Under the Influence</b>	<b>1</b>
<b>Drug Law Violation</b>	<b>2</b>
<b>Escorts</b>	<b>14</b>
<b>Extra Patrol</b>	<b>12</b>
<b>FINGERPRINTING DUTIES</b>	<b>2</b>
<b>Flagged Down</b>	<b>1</b>
<b>Follow Up</b>	<b>29</b>
<b>Foot Patrol</b>	<b>1</b>
<b>Found</b>	<b>2</b>
<b>FRAUD INVESTIGATION</b>	<b>3</b>
<b>HARASSMENT</b>	<b>1</b>
<b>House Watch</b>	<b>1</b>
<b>Information</b>	<b>3</b>
<b>Intoxicated Subject</b>	<b>1</b>
<b>Juvenile Complaints</b>	<b>2</b>

<b>Lock out or in</b>	<b>2</b>
<b>Loud</b>	<b>1</b>
<b>Missing Person</b>	<b>1</b>
<b>Motorist Assist</b>	<b>5</b>
<b>NOTIFICATIONS</b>	<b>1</b>
<b>Open Door</b>	<b>5</b>
<b>Other Complaints</b>	<b>9</b>
<b>Paper Service</b>	<b>1</b>
<b>Parking Complaints</b>	<b>20</b>
<b>Public Service</b>	<b>2</b>
<b>Public Works</b>	<b>2</b>
<b>Railroad Call</b>	<b>2</b>
<b>Reckless Driving Complaints</b>	<b>3</b>
<b>Report Writing</b>	<b>19</b>
<b>SCHOOL RELATED DUTIES</b>	<b>1</b>
<b>Shoplifting Complaints</b>	<b>1</b>
<b>Sick</b>	<b>1</b>
<b>Solicitor Complaints</b>	<b>4</b>
<b>Suspicious</b>	<b>20</b>
<b>Theft</b>	<b>4</b>
<b>Traffic Complaint</b>	<b>2</b>
<b>Traffic Stop</b>	<b>145</b>
<b>Training</b>	<b>10</b>
<b>Unlawful Visitation</b>	<b>1</b>
<b>Vehicle Maintenance</b>	<b>8</b>
<b>Walk in at Station</b>	<b>4</b>
<b>Welfare Check</b>	<b>9</b>
<b>Total</b>	<b>733</b>

END OF REPORT

# Beecher Police Department

## Accidents by Location

5/1/2017 12:00:00 AM to 6/1/2017 12:00:00 AM

<b>B1-17-0000131 - Control # 20170131</b>	5/25/2017 3:50:00 PM	1111 Dixie Hwy Apt 300
1 - Driver	Schiewe, Shirley M	Inv. By: Waterman, Ann 129
1 - Driver	Sweeney, Sandra L	O - No Indication of Injury
<b>B1-17-0000130 - Control # 20170130</b>	5/24/2017 3:58:00 PM	538 Miller St
1 - Driver	King, Timothy J	Inv. By: Nieken, Nicholas 165
1 - Driver	Matthew, Shane F	O - No Indication of Injury
<b>B1-17-0000125 - Control # 20170125</b>	5/19/2017 6:39:00 PM	600 Blk Dixie Hwy
1 - Driver	Workman, David B	Inv. By: Waterman, Ann 129
1 - Driver	HARMS, STEPHANIE A	O - No Indication of Injury
<b>B1-17-0000148 - Control # 20170148</b>	5/31/2017 12:00:00 AM	712 Penfield St
1 - Driver	SCHEIWE, SHIRLEY M	Inv. By: Emerson, Rick 108
1 - Driver	DOOT, BARBARA J	O - No Indication of Injury
<b>B1-17-0000116 - Control # 20170116</b>	5/8/2017 6:50:00 AM	Hawthorn Ln / Aspen Dr
1 - Driver	Mohr, Robert B	Inv. By: Little, William 126
1 - Driver	ZUBI, KATRINA J	O - No Indication of Injury



## **BEECHER POLICE COMMUNITY POLICING**

**MAY 2017**

- 1. MAY 2017 BEECHER POLICE BEGAN SPECIAL NEEDS ALERT PROGRAM S.N.A.P. This program allows the Beecher Police Department to collect information on people with special needs. Dementia, Autism, Alzheimer's etc. and store this information within the Police Department in case the subject should wander or go missing.**
- 2. May 2017 BEECHER POLICE DEPARTMENT again began the "Safety Helmet" BUSTED... Program. This program allows officers to interact with children riding bikes, scooters, skateboards, and roller blades. If the officer sees the child wearing a helmet they get a free ice cream cone certificate from the officer to present at McDonalds. The Linman family has partnered with the Beecher Police Department to make this program possible.**
- 3. May 6<sup>th</sup> 2017 Attended the Beecher Youth Commission "Kentucky Derby" Event fundraiser.**
- 4. May 18<sup>th</sup> 2017 Attended and presented awards at the Beecher High School Senior Awards Night for "Volunteerism"**

## **BEECHER EMA REPORT**

**MAY 2017**

- 1. MAY 1<sup>ST</sup> 2017 Assist Beecher Fire Department 600 Block of Church down wires. Tatgenhorst & Cackowski 1.5 hours each.**
- 2. May 3<sup>rd</sup> 2017 Assist Beecher Fire Department and Il State Police. Goodnow and Route 394 Fatal accident. Tatgenhorst 4.5 hours, Rodriquez 4.5 hours, Cackowski 1.5 hours.**
- 3. May 19<sup>th</sup> 2017 EMA TABLE TOP DRILL FEDERAL SIGNAL**
- 4. May 24<sup>th</sup> 2017 Operation ID Training Midland Bank. Cackowski, Rodriquez, R. Kraus, Murray, Habenicht, Gordon, Rousseau, Voss, Heim, Tatgenhorst.2.5 hours each.**
- 5. May 25<sup>th</sup> 2017 Assist Beecher Fire Department and Il State Police. County Line Road and Dixie, Accident-rollover. Goldrick 2 hours, Rodriquez 2.5 hours, Tatgenhorst & Cackowski 1 hour each.**

**Call out hours 33.5**

**Training hours 25**

**Total**

**58.5**

## **BEECHER CODE ENFORCEMENT**

### **MAY 2017**

- 1. May 8<sup>th</sup> 2017 545 Park Ave. High weeds and grass. Rental management company called and lot was mowed.**
- 2. May 8<sup>th</sup> 2017 1526 Saddle Run Ln. Boat in driveway. Homeowner was contacted and boat was removed.**
- 3. May 8<sup>th</sup> 2017 Orchard and Lange. Report of high weeds and grass behind McDonalds. Property owner was contacted and lots were mowed.**
- 4. May 9<sup>th</sup> 2017 375 Woodard Report of high weeds and dead trees. Spoke with the complainant and she was advised that there was no violation regarding the trees and that the property was mowed by the homeowner.**
- 5. May 9<sup>th</sup> 2017 Blue Heron and Donoho. Ongoing pond issues with debris and algae. Contacted the HOA and Schrank Management company who advised that they would look into the issues. As of June, 20<sup>th</sup> 2017 this problem still has not been resolved as both the HOA and Schrank have not taken responsibility for the pond issues.**
- 6. May 10<sup>th</sup> 2017 317 Stonington Drive. Trailer in driveway. Homeowner was given until May 17<sup>th</sup> to remove trailer. Checked on May 17<sup>th</sup> and trailer was removed.**
- 7. May 11<sup>th</sup> 2017 642 Catalpa. Camper in driveway. Spoke with homeowner and camper will be removed within two days.**
- 8. May 11<sup>th</sup> 2017 127 Church. Vacant house with complaint from neighbors regarding high weeds. Contacted previous owner who advised that he would cut the grass. Grass was mowed within three days.**
- 9. May 15<sup>th</sup> 2017 1516 Saddle Run Ln. Basketball hoop on sidewalk. Spoke with homeowner and basketball hoop was removed**
- 10. May 15<sup>th</sup> 2017 Hunters Chase East and West lots high weeds and grass. Property owner was notified and lots were cut within three days.**

11. May 16<sup>th</sup> 2017 1318 Church Check on permit for roof. Permit was located for Total Roofing & Construction.
12. May 16<sup>th</sup> 2017 443 Dixie Hwy. High grass and weeds. Spoke with homeowner who said he will get the grass cut within two days as his lawnmower was broke. Rechecked on May 18<sup>th</sup> and grass was cut.
13. May 17<sup>th</sup> 2017 643 Reed St. Property owner had problem with neighbor's tree over hanging onto her property. Spoke with the neighbor who advised that he was going to have the tree trimmed within the month. Complainant was advised to recall if problem was not corrected.
14. May 18<sup>th</sup> 2017 159 Bald Eagle. Check for fence permit. Permit was obtained.
15. May 22<sup>nd</sup> 2017 127 Church. Complaint of high grass. Previous owner was called and he advised he would start to cut the grass.
16. May 22<sup>nd</sup> 2017 285 Quail Hollow. High grass complaint. Spoke with the renters who advised that they would cut the grass.
17. May 22<sup>nd</sup> 2017 602 Meadow. Report of high grass. In checking the property grass was cut.
18. May 22<sup>nd</sup> 2017 Pasadena & Dixie. Bush obstruction. Attempted to contact the property owner regarding this issue at 414 Dixie. Contacted property owner on May 26<sup>th</sup> 2017 and they will cut the bush back. Property was rechecked on May 27<sup>th</sup> and problem resolved.
19. May 22<sup>nd</sup> 2017 1344 Crooked Creek. High grass. Spoke with homeowner who will cut the grass.
20. May 22<sup>nd</sup> 2017 434 Prairie Ave. Check for sidewalk permit. No permit needed just replacing concrete.
21. May 22<sup>nd</sup> 2017 400 block of Fairway Drive. RJD Development lots. Property owner called and lots were cut.
22. May 23<sup>rd</sup> 2017 620 Church. Check for roof permit. Permit was obtained.
23. May 23<sup>rd</sup> 2017 Poplar & Hawthorne vacant lot high weeds. Property owner called and weeds were cut.
24. May 23<sup>rd</sup> 2017 Miller and Catalpa. Report of Exclusive Steam Cleaning dumping water in sewers. Spoke with owner of Exclusive Steam Cleaning and problem was resolved.

- 25. May 30<sup>th</sup> 2017 403 Pasadena. Parking complaint. Vehicle in driveway with expired plates. Plates were obtained after speaking to vehicle owner.**
- 26. May 30<sup>th</sup> 2017 Beecher Manor. High weeds complaint. Spoke with grounds keeper who will advise landscapers to cut further on their property.**
- 27. May 30<sup>th</sup> 2017 Somerset Drive. -Castletown homes. Spoke with builder who advised that he will be cutting the lots in the next few days. Lots have been cut.**
- 28. May 30<sup>th</sup> 2017 505 Highlinton Ct. Complaint of placement of basketball hoop. In checking the basketball hoop was in the driveway near the garage. No Violation.**
- 29. May 31<sup>st</sup> 2017 642 Catalpa. Camper in driveway. Spoke with homeowner who advised that he was selling the camper and will have it relocated.**
- 30. May 31<sup>st</sup> 2017 1341 Pheasant Circle. Pontoon boat in driveway. Spoke with homeowner who advised that they will moved the boat that evening.**
- 31. May 31<sup>st</sup> 2017 1014 Cherry Drive. High grass. Spoke with daughter who stated she will have her dad cut the grass. Grass has been cut.**
- 32. May 31<sup>st</sup> 2017 1035 Redbud. Check for roofing permit. Permit was pulled May 25<sup>th</sup> 2017 but not displayed.**
- 33. May 31<sup>st</sup> 2017 429 Woodard. Check for roofing permit. Permit was pulled by Illiana Roofing but not displayed. Permit was produced.**
- 34. May 31<sup>st</sup> 2017 313 Aspen Drive. Camper in driveway. Spoke with homeowner who advised that they were leaving in the morning. Homeowner was advised of the three-day ordinance for campers.**



**VILLAGE OF BEECHER  
POLICE**

**Jeffrey L. Weissgerber**  
Chief of Police

724 Penfield Street • P.O. Box 1114 • Beecher, IL 60401 • (708) 946-2341 • Fax (708) 946-3039

June 19, 2017

Traffic Study of Gould Street at RR crossing (West side of tracks 800 block):

A 7 day traffic study was conducted on Gould Street at the RR crossing in the 800 block. This traffic study began at 8:00 a.m. on Friday, June 9<sup>th</sup> and concluded at 8:00 a.m. on Friday, June 16<sup>st</sup>. School was not in session during this time period and the number of school buses using this crossing is unknown at this time. Perhaps another study in the same location in the fall could be done. Also, June 9<sup>th</sup> and 10<sup>th</sup> were garage sale days during this study and may have impacted the amount of traffic at this location. The raw data and results of the traffic study are a total of the 7 consecutive days and are as follows:

Total Cars eastbound: 2190 (Average of 313 per day or 13 per hour)

Total Cars westbound: 2286 (Average of 326 per day or 14 per hour)

Total Traffic Volume in both directions: 4476. (Average of 639 per day or 27 per hour.)

Passenger cars accounted for 76.1%

Pick-up trucks and vans accounted for 20.9%

Motorcycles/scooters accounted for 1.8%

Buses accounted for 0.1%

Other trucks, tractors/semi-trailer combinations accounted for 1.1%

Total number of traffic crashes for the past 5 years shows only 1 crash in the study zone, that involved an unattended vehicle rolling backwards and striking the RR crossing gate arm.

Jeffrey L. Weissgerber  
Chief of Police

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## Frankfort, IL Code of Ordinances

## CHAPTER 74: BICYCLES, MOTORCYCLES AND CERTAIN OTHER VEHICLES

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## Section

74.01 Motorized play vehicles

74.02 Neighborhood vehicles

### § 74.01 MOTORIZED PLAY VEHICLES.

(A) *Definitions.* For the purpose of this chapter, the following definition shall apply unless the context clearly indicates or requires a different meaning.

**MOTORIZED PLAY VEHICLE.** Each and every device that, together with its operator, passenger or load, is propelled in whole or in part by means other than human motor power, and that is capable of being operated upon any highway, road, street, parking lot, sidewalk or other property within the Village of Frankfort, including but not limited to electric personal assistive mobility devices as defined in ILCS Ch. 625, Act 5, § 1-117.7 and any and all devices known as or referred to as motorized scooters, motorized skateboards, go-carts, mini-bikes, which are propelled by any type of motor or engine whatsoever and include a platform or other space on which an operator or passenger may ride, but excluding motorized wheelchairs as defined in ILCS Ch. 625, Act 5, § 1-148.3, and vehicles for which certificates of title and registration plates or stickers have been issued by the State of Illinois pursuant to the provisions of the Illinois Vehicle Code, ILCS Ch. 625, Act 5, §§ 1-100 et. seq.

(B) *Prohibition.*

(1) It shall be unlawful for any person to operate, ride, use or otherwise control any motorized play vehicle over, across or upon any public road, highway, street, sidewalk, bicycle path, parking or other public property within the village, except as may be directed by any sworn law enforcement officer of the village or except as may be necessary or required by any employee of the village duly engaged in the performance of official village business or duties.

(2) It shall be unlawful for any person to operate, ride, use or otherwise control any motorized play vehicle over, across or upon any private road, highway, street, sidewalk, bicycle path, parking lot or other private property within the village, unless the owner of such private property shall consent thereto.

(C) *Impoundment.* Any and all motorized play vehicles operated in violation of this chapter may be impounded by the Village of Frankfort Police Department and held as evidence of such violation pending the final disposition of any ordinance violation or other legal proceedings commenced in relation to such violation.

(D) *Parental liability.* It shall further be unlawful under this chapter for any parent or any legal guardian of any minor to permit, authorize, allow or acquiesce in the operation of any motorized play vehicle by such minor in violation of this chapter or to negligently fail to exercise reasonable care to prevent the operation of any motorized play vehicle by such minor in violation of this chapter. Any parent or any legal guardian of any minor who permits, authorizes, allows or acquiesces in the operation of any motorized play vehicle by such minor in violation of this chapter or who negligently fails to exercise reasonable care to prevent the operation of any motorized play vehicle by such minor in violation of this chapter shall be liable for any and all damages and injuries to persons or property resulting therefrom.

(Ord. 2103, passed 7-19-04)

#### § 74.02 NEIGHBORHOOD VEHICLES.

(A) *Definitions.* For purposes of this section the following definitions shall apply unless the context clearly indicates or requires a different meaning.

***ELECTRIC PERSONAL ASSISTIVE MOBILITY DEVICE (EPAMD).*** A self-balancing, two non-tandem wheeled device designed to transport only one person with an electric propulsion system that limits the maximum speed of the device to 15 miles per hour or less.

***EMPLOYEE.*** Any officer, full time, part time, volunteer or unpaid person working under the direction, supervision and control of and performing work or services for the Village of Frankfort, the Frankfort Fire Protection District, or the Will County Forest Preserve District,

***NEIGHBORHOOD VEHICLE.*** A self-propelled and motor vehicle with an engine displacement under 1,200 cubic centimeters which is capable of attaining in one mile a speed of more than 20 miles per hour, but not more than 25 miles per hour, and which conforms to federal regulations under Title 49 C.F.R. Part 571.500. At minimum, a neighborhood vehicle must be equipped as follows: brakes, a steering apparatus, tires, a rearview mirror, red reflectorized warning devices in the front and rear, a slow moving emblem (as required of other vehicles in ILCS Ch. 625, Act 5, § 12-709) on the rear of the neighborhood vehicle, a headlight that emits a white light visible from a distance of 500 feet to the front, a tail lamp that emits a red light visible from at least 100 feet from the rear, brake lights, and turn signals.

***RECREATIONAL TRAIL.*** Includes any public path, trail, route including the Old Plank Road Trail designed to be used by pedestrians, bicycles, walkers, joggers and other recreational users.

***SIDEWALK.*** A paved walkway for pedestrian usage beside or proximate to a street or roadway which is not designed or intended for use as a recreational vehicle.

***STREET.*** Includes any highway, roadway, street, alleyway designed or intended for vehicular travel, street right-of-way, street parkways and public sidewalks.

(B) *Prohibited use of neighborhood vehicles.* Except as provided in division (C) below, it shall be unlawful for any person to operate a neighborhood vehicle or EPAMD on any street, recreational trail or public property in the Village of Frankfort.



(C) *Authorization of use by Village of Frankfort and Frankfort Fire Protection District.* Any person who is an employee of the Village of Frankfort, the Frankfort Fire Protection District or the Will County Forest Preserve District may operate a neighborhood vehicle or EPAMD on village streets or recreational trails subject to compliance with the following:

(1) The person must have a valid Illinois driver's license in his or her name issued by the Illinois Secretary of State.

(2) Neighborhood vehicle or EPAMD must be owned, leased or otherwise controlled by the Village of Frankfort, the Frankfort Fire Protection District, or the Will County Forest Preserve District.

(3) Neighborhood vehicles or EPAMD(s) may be operated only on streets where the posted or authorized speed limit is 35 miles per hour or less, recreational trails or public ways. In addition, an EPAMD may also be operated on sidewalks. This does not prohibit a neighborhood vehicle or EPAMD from crossing a street at an intersection where the street has a posted speed limit of more than 35 miles per hour.

(4) Neighborhood vehicles or EPAMD(s) shall be operated in conformance with all applicable laws of the State of Illinois and ordinances of the Village of Frankfort not inconsistent with this section.

(5) The neighborhood vehicle shall be operated in conformance with any rules and regulations promulgated by the Chief of Police of the Village of Frankfort regarding the operation of neighborhood vehicles or EPAMD(s).

(D) *Chief of Police rules and regulations.* The Chief of Police may promulgate and publish rules and regulations for the operation of neighborhood vehicles and EPAMD(s) not inconsistent with this section.

(E) *Penalty.* Any business or person found to have violated any provision of this section shall be fined not less than \$250 for the first offense and not less than \$500 for each subsequent offense.

(Ord. 2693, passed 2-22-11)

## Chapter 14

# NONHIGHWAY VEHICLES

### 7-14-1: DEFINITIONS:

For the purposes of this chapter, the following definitions shall apply unless the context clearly indicates or requires a different meaning:

**GOLF CART:** A vehicle specifically designed and intended for the purposes of transporting one or more persons and their golf clubs or maintenance equipment while engaged in the playing of golf, supervising the play of golf, or maintaining the condition of the grounds on a public or private golf course.

**NEIGHBORHOOD VEHICLE:** A self-propelled, electric powered, four (4) wheeled motor vehicle (or a self-propelled, gasoline powered, 4 wheeled motor vehicle with an engine displacement under 1,200 cubic centimeters) that is capable of attaining in one mile a speed of more than twenty (20) miles per hour, but not more than twenty five (25) miles per hour, and which conforms to federal regulations under title 49 CFR part 571.500.

**NONHIGHWAY VEHICLE:** The following motor vehicles not specifically designed to be used on a public highway:

- (A) A golf cart;
- (B) A neighborhood vehicle; and
- (C) A recreational off highway vehicle.

**RECREATIONAL OFF HIGHWAY VEHICLES:** Any motorized off highway device designed to travel primarily off highway, sixty four inches (64") or less in width, having a manufacturer's dry weight of two thousand (2,000) pounds or less, traveling on four (4) or more nonhighway tires, designed with a nonstraddle seat and a steering wheel for steering control, except equipment such as lawnmowers. (Ord. 12-03, 5-7-2012)

### 7-14-2: OPERATION OF NONHIGHWAY VEHICLES:

Except as otherwise provided in this chapter, it shall be lawful for a person to drive or operate a nonhighway vehicle upon any roadway in the village of Manteno.

- (A) No nonhighway vehicle shall be driven or operated upon any roadway in the village of Manteno with a speed limit greater than thirty five (35) miles per hour. Provided, however, a nonhighway vehicle may cross a roadway at an intersection where the roadway to be crossed has a posted speed limit of more than thirty five (35) miles per hour.
- (B) No person shall drive or operate a nonhighway vehicle upon any roadway in the village of Manteno without a valid Illinois driver's license issued in his or her name by the secretary of state.
- (C) No person operating a nonhighway vehicle shall make a direct crossing upon or across any highway under the jurisdiction of the state of Illinois, toll road, interstate highway, or controlled access highway unless at an intersection controlled by a traffic light or a four-way stop sign and the speed limit of the highway to be crossed is thirty five (35) miles per hour or less at the place of crossing.
- (D) No nonhighway vehicle shall be driven or operated on any roadway not exclusively under the jurisdiction of the village of Manteno unless the village and the unit of local government with concurrent jurisdiction authorizes the same.
- (E) No all-terrain vehicles, as defined by section 1-101.8 of the Illinois vehicle code<sup>1</sup>, or off highway motorcycles as defined by section 1-153.1 of the Illinois vehicle code<sup>2</sup>, shall be driven or operated on any roadway in the village of Manteno. (Ord. 09-21, 1-4-2010)

### **7-14-3: NONHIGHWAY VEHICLES PROHIBITED ON CERTAIN ROADWAYS:**

No nonhighway vehicles shall be driven or operated on the following roadways:

- (A) West Division Street except from Main Street to Route 50.
- (B) East Third Street except from Birch Street to Route 50.
- (C) Crossing West Division Street at Cypress is prohibited. (Ord. 09-21, 1-4-2010)

### **7-14-4: CONDITION OF NONHIGHWAY VEHICLES:**

No nonhighway vehicle may be operated on any roadway in the village of Manteno, unless at a minimum, it has the following: brakes, a steering apparatus, tires, a rearview mirror, red reflectors in the front and rear, a slow moving emblem (as required of other vehicles in section 12-709 of the Illinois vehicle code<sup>3</sup>) on the rear of the nonhighway vehicle, a headlight that emits a white light visible from a distance of five hundred feet (500') to the front, a taillamp that emits a red light visible from at least one hundred feet (100') to the rear, brake lights and turn signals. All nonhighway vehicles shall have their headlights and taillamps illuminated when driven or operated upon a roadway in the village of Manteno as required by section 12-201 of the Illinois vehicle code<sup>4</sup>. (Ord. 09-21, 1-4-2010)

#### **7-14-5: MANDATORY INSURANCE:**

Any person who operates a nonhighway vehicle on a street or roadway shall be subject to the mandatory insurance requirements under article VI of chapter 7 of the Illinois vehicle code. (Ord. 09-21, 1-4-2010)

#### **7-14-6: REGISTRATION REQUIRED:**

It shall be unlawful for a person to drive or operate a nonhighway vehicle (excluding neighborhood vehicles that are required by the secretary of state to register with the state of Illinois) upon any roadway in the village of Manteno that is not registered with the Manteno police department, or that does not have displayed conspicuously on the rear of said nonhighway vehicle, a corresponding current registration number placard/sticker.

- (A) Commencing June 1, 2012, and annually thereafter, all owners of nonhighway vehicles shall apply to register their nonhighway vehicles with the Manteno police department by fully and truthfully completing a nonhighway vehicle registration application. In order to be registered, the nonhighway vehicle shall be subject to inspection by the Manteno police department and must comply with the condition requirements of section 7-14-4 of this chapter, and the owner of a nonhighway vehicle must show proof of compliance with the mandatory insurance requirements of section 7-14-5 of this chapter.
- (B) Nonhighway vehicle registration, and the corresponding placard/sticker, shall be valid for a period of June 1 of the current calendar year through May 31 of the following calendar year.
- (C) Commencing June 1, 2013, a nonrefundable registration fee of twenty five dollars (\$25.00) shall be paid by the owner at the time of application for registration.

(D) Registration shall be subject to revocation in the event the Manteno police department determines the applicable insurance policy for the nonhighway vehicle has been revoked, has lapsed or is otherwise invalid.

(E) All owners of nonhighway vehicles registered with the Manteno police department will be issued a corresponding registration number placard/sticker, which shall be affixed and remain conspicuously visible on the rear of said nonhighway vehicle. (Ord. 12-03, 5-7-2012)

### **7-14-7: CAPACITY LIMITATIONS:**

It shall be unlawful for any person to drive or operate a nonhighway vehicle upon any roadway within the village of Manteno while transporting or carrying more occupants than the nonhighway vehicle is designed to transport or carry as determined by the number of permanent individual seats provided in the nonhighway vehicle. (Ord. 12-03, 5-7-2012)

# Village of Beecher

## Monthly Water Department Report

**MAY 2017**

### System Pumping Data

**Total Gallons Pumped : 12,837,000    Monthly Average : 414,000**

**Peak Day : 593,000 Gal. MAY 30<sup>th</sup>**

### Well Pumping Data

**Well #3 Total Gallons : 4,415,000    Daily Average 142,000**

**Well #4 Total Gallons : 4,086,000    Daily Average 132,000**

**Well #5 Total Gallons : 4,336,000    Daily Average 140,000**

### Chemical Usage

**Total Pounds Chlorine used :227.9    Well #3:98.0    Well #4:85.5    Well #5:44.2**

**Total Pounds Aqua Mag used :1755    Well #3:671    Well #4:593    Well #5:491**

**Total Gallons Flouride used :11.4    Well #4:3.4    Well #4:3.5    Well #5:4.5**

### Distribution System Data

<b>Water Meters Repaired 0</b>	<b>New Meters Installed 11</b>	<b>Service Calls 3</b>
<b>Water Mains Repaired 0</b>	<b>New water Services 0</b>	<b>Shut – Offs 0</b>
<b>Hydrants Replaced 0</b>	<b>Hydrants Flushed 32</b>	<b>Julie Locates 57</b>
<b>Hydrants Repaired 0</b>	<b>Valves Replaced 0</b>	<b>Valves Repaired 0</b>
<b>B – Box Repaired 1</b>	<b>B-Box Replaced 0</b>	<b>Water Complaints 0</b>
<b>Service Lines Repaired 0</b>		

# Village of Beecher Sewer Department

## Monthly Report

Month: **May**

Year: **2017**

Total Gallons-MGD

Influent: 25,170,000

Effluent: 27,780,000

Daily Maximum: 1,480,000

Minimum: 670,000

Average Daily Flow: 810,000

Excess Flow: 11,000

Chlorine Used (Lbs.) 0

Excess Treated: 0

Rainfall/Precipitation Inches: 3.6

Return Sludge: 24,070,000

Dry Sludge Removed (Cubic Yards): 0

Liquid Sludge Hauled Gallons: 0

### Laboratory Information

5 Day CBOD	6.45 mg/l	(Daily max)	7.30 mg/l
Total Suspended Solids	4.10 mg/l	(Daily max)	4.6 mg/l
Ammonia Nitrogen	0.10 mg/l	(Daily max)	0.10 mg/l

### Influent

Average BOD	182.50 mg/l	Average TSS	85.00 mg/l
-------------	-------------	-------------	------------

June 7, 2017

Mr. Robert O. Barber  
Village Administrator  
Village of Beecher  
724 Penfield Street  
Beecher, Illinois 60401

***Subject: Village of Beecher WWTP Monthly Board Report***

Dear Mr. Barber:

Following is the monthly report for the Village of Beecher WWTP for the month of May 2017.

- Submitted the DMR's for May, with no permit violations. The plant continues to run very well.
- This month's preventive maintenance called for the following:
  - Greasing oxidation ditch rotors
  - Blower monthly maintenance
  - Blower 2 month maintenance
  - Clarifier monthly maintenance
- Nick replaced the belts on one of the oxidation ditch drives.
- I'll prepare the semi-annual sludge report, which isn't due until July 31. I'll prep it and send it off the first week in July.
- We had our annual IEPA inspection. The inspection went well. The inspector seemed pleased with how well the plant is running. Everything was in order as far as paperwork, reports etc. There are no outstanding issues or anything else that he needs at this time.
- Things have been running very well at the plant, with no real issues to report.

Sincerely,

BAXTER & WOODMAN, INC.  
CONSULTING ENGINEERS

John D. Szvedo



## Notice of Intent to Issue a Categorical Exclusion

In accordance with the Illinois Environmental Protection Agency (IEPA) Loan Rules, Title 35, Subtitle F, Chapter II, Part 365.530 (State Environmental Review), the IEPA has determined that the proposed project, described below, may be excluded from a detailed environmental impacts review. The Agency may categorically exclude certain types of projects from environmental review if no potential for negative environmental impacts exists.

This report is based on information submitted to the IEPA by the Village of Beecher. Sources of information include the following documents: the September, 2016, Village of Beecher, Illinois Wastewater Facility Plan, with September 27, 2016 cover letter, which were prepared by Baxter & Woodman, Inc.

### Part I – Project Information

**Loan Applicant:** Village of Beecher

**Project Number:** L172448

**Project Name:** Wastewater Treatment Facility Improvements

**County:** Will

**Current Population Served:** 4,660

**Future Population (20 year):** 9,600

**Design Average Flow:** existing: 0.6 mgd; proposed: 1.2 mgd

**Design Maximum Flow:** existing: 1.5 mgd; proposed: 3.0 mgd

**Project Description:** The project consists of waste water treatment facility (WWTF) improvements and treatment capacity expansion, which includes: raw influent pumping station modifications; screening system improvements; conversion of the existing sludge storage in outer ring of the oxidation ditch to aeration; construct new secondary clarifiers flow division box; repair existing secondary clarifiers; construct a new secondary clarifier; chemical feed for phosphorus removal; construct a UV disinfection structure; ; repair excess flow structure; replace and/or repair sludge pumps; replace/repair aerobic digester equipment; provide new mechanical sludge dewatering equipment and storage area; control building improvements and provide supervisory control and data acquisition (SCADA) system improvements; provide a new emergency electric generator that will run the entire treatment plant; replace metering equipment; provide miscellaneous piping, valves, air and water lines, demolish existing truck fill station; and construction site restoration.

**Project Location:** Construction will occur within the site boundaries of the Village of Beecher Wastewater Treatment Facility that is located south of the intersection of Aherns Drive and Pasadena Avenue in Beecher, Illinois. See attached maps for the project location.

**Project Justification:** The existing WWTF was last upgraded in 1996 and since then some identified equipment and structures have deteriorated, are in poor condition, and have reached the end of their useful service design life span. The most recent NPDES permit, issued

September 29, 2015, adds a requirement to provide disinfection of effluent from May through October. The planning report also states that the WWTF is at capacity and needs to increase treatment capacity to 1.2 mgd to allow for continuing growth of the Village. In addition, once the facility is expanded above 1.0 mgd, phosphorus limits will be imposed and future regulations may require other limits. The existing WWTF was designed to be readily expandable within the existing facility site. The proposed project is necessary to allow Beecher to comply with the operating permit requirements. In addition, rehabilitation and/or replacement of parts of the WWTF are necessary to allow continued safe and efficient wastewater treatment services for the Village of Beecher. The project will also provide wastewater service for future anticipated residential and industrial growth.

**Estimated Construction Start Date:** October 2017

**Estimated Construction Completion Date:** July 2019

**Project Cost Estimate:**

Construction	\$6,610,000
Contingency (10%)	\$661,000
Design Engineering	\$600,000
Construction Engineering	\$600,000
Legal	\$70,000
<b>Total Project</b>	<b>\$8,541,000</b>

**Part II – Project Affordability for Residents and Utility Customers**

The Village of Beecher intends to finance the proposed project with a loan from the IEPA Water Pollution Control Loan Program (WPCLP). An \$8,541,000 loan, with an estimated interest rate of 1.75%, for a twenty (20) year period, would have an annual repayment of approximately \$506,443.

**Source of Loan Repayment:** A combination of increased user charges, utility taxes, and revenue that will become available from retiring a previous IEPA loan in 2017 and two other loans that will be completed in 2018 and 2023, will be used to repay the proposed loan. If the annual repayment amount of \$506,443 is divided equally between the existing 1,669 sewer customers, the annual cost of the project is \$303.45 per customer.

**Current Average Bi-Monthly Residential Cost of Service:** An average residential customer from Beecher uses 14,154 gallons of water bi-monthly (every two months), which is 7,077 gallons per month. An average residential user would currently pay \$73.27 per two-month billing period for sewer service.

**Projected Average Bi-Monthly Residential Cost of Service:** The Villages’ Ordinance 1053, 11-14-2006 states that the sewer service basic user rate, per 1,000 gallons of metered water, shall increase by \$0.10 on March 1<sup>st</sup> of each year. For only the sewer customers served by a sewer lift station, there is also a sanitary sewer lift station surcharge rate, per 1,000 gallons, that also will

increase by \$0.02 on March 1<sup>st</sup> of each year. The Village of Beecher has not proposed additional rate increases above these already existing annual rate increases. The projected cost for sewer service will continue to increase each year, as explained above, unless modified by action of the Village Board of Trustees. If the existing annual rate changes are added over the 20-year loan period, an average residential customer would pay \$107.24 per two-month billing period for sewer service by the year 2039.

**Number of Customers or Service Connections:** The Beecher sewer system serves a total population of approximately 4,660. There are reported to be 1,669 sewer customers billed by the Village. There are currently 295 users that are tributary to lift stations. There are no significant industrial users.

**How is the bi-monthly residential rate/cost of service calculated?** Beecher's current single family residential sewer user charge system (effective May 2017 billing) is based on bi-monthly fixed sewer debt service charge of \$10.00; a volume rate of \$3.90 per 1,000 gallons of drinking water metered; and if the customer is served by a lift station, a lift station surcharge rate of \$0.57 per 1,000 gallons is also charged. There is a minimum volume charge of 8,000 gallons per billing period. For an average 14,154 gallons residential user with lift station surcharge, this calculates to:  $\$10.00 + (14,154 \times \$3.90) + (14,154 \times \$0.57) = \$73.27$  per two-month billing period.

The impact to an average user caused by the future \$0.10 annual rate increase per 1,000 gallons of water used can be calculated over the 20-year loan period by the following: The sewer volume rate will increase \$0.10 each year for 20 years, which equals a \$2.00 total rate increase and for customers served by lift stations an additional rate increase of \$0.02 each year for 20 years equals a total rate increase of \$0.40. In the year 2037, the sewer volume rate would be \$5.90 per 1,000 gallons of water metered, plus if the customer served by a lift station, a surcharge of \$0.97 per 1,000 gallons. For an average 14,154 gallons residential user with lift station surcharge, this calculates to:  $\$10.00 + (14,154 \times \$5.90) + (14,154 \times \$0.97) = \$107.24$  per two-month billing period.

**Median Household Income (MHI):** The MHI for Beecher is \$62,768.

**Financial Impact of the proposed project:** In order to determine the financial impact of the proposed project on the community, a percentage comparison of the MHI to the annual cost for sewer service is utilized. According to the most recent census information, the MHI for the Village of Beecher is \$62,768. The current average total annual sewer cost of \$439.62 is 0.70 percent of the MHI for the area. If a \$0.12 per 1,000 gallons rate increase, over the twenty year loan period, is added, the projected total annual sewer cost would be \$643.44, which is 1.03 of the current MHI. Any amount less than 2.0 percent is considered to be affordable under State and Federal loan program criteria.

**Public comments are invited on the proposed project. For further information contact:**

Chris Nifong, Project Manager  
Bureau of Water, IFAS  
Illinois Environmental Protection Agency

(217) 782-2027

1021 North Grand Avenue East  
P.O. Box 19276  
Springfield, Illinois 62794-9276



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois 62764

June 14, 2017

Dear Local Public Agency:

The joint funding agreement between your agency and the Illinois Department of Transportation (IDOT) for local projects administered by your agency involving state and/or federal funds provides "Obligations of the State shall cease immediately without penalty or further payment being required if, in any fiscal year, the General Assembly or Federal Funding source fails to appropriate or otherwise make available funds for this contract." At this time, appropriate funding for the engineering and construction program for IDOT is not available. Thus, IDOT will be unable to make reimbursement of state and federal funds to your agency for work performed after June 30, 2017. There are two types of local agency joint agreements affected by the lack of funding.

#### State-Let Local Projects

Construction contracts awarded by IDOT will be suspended until an appropriations bill is passed. For these contracts, contractors will be notified to contact your office regarding this issue. It is the department's intent to initiate work on the project immediately after a budget resolution and appropriations are made. The department will notify you when work may resume.

#### Locally-Let and Administered Projects

For local-let and administered projects, contractor(s) or consultant(s) may continue to work at your discretion since your agency provides for the direct payment to these entities. Should your agency opt to continue working, reimbursement from the Department for work performed during the time frame will be delayed until an appropriation bill is passed.

If your agency decides to suspend work, you will need to contact your contractor(s) and/or consultant(s) to initiate the shutdown of work. Please make sure the project(s) is brought to a condition that will provide a clear and safe traveled way. This may include, but is not limited to, completing some items of contract work, adjusting the traffic control, removing construction debris, and locating idled equipment to a safe location.

We appreciate the cooperation we have with your agency and are committed to successfully completing project(s) in a fair and efficient manner. If you have any questions, please contact Maureen Kastl, Engineer of Local Roads and Streets at (217) 782-0765.

Sincerely,

A handwritten signature in black ink, appearing to read "Priscilla A. Tobias".

Priscilla A. Tobias, P.E.  
Director of Program Development



# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397  
BRUCE RAUNER, GOVERNOR ALEC MESSINA, DIRECTOR

847/294-4000  
847/294-4018 (Fax)

June 8, 2017

Beecher STP  
Mr. Robert Barber  
724 Penfield Street  
Beecher, IL 60401

RE: Beecher STP  
NPDES Number: IL0049522  
BOW ID Number: W1970050001

Dear Mr. Barber:

On May 5, 2017, an inspection of Beecher STP was conducted by Adolfo Gonzalez, Jr. representing the Illinois Environmental Protection Agency. The purpose of the visit was to review facility operations with regard to applicable state and federal water pollution control laws and regulations.

A copy of the inspection report is enclosed for your information.

Please contact Adolfo Gonzalez, Jr. at 847/294-4000 if you have any questions regarding this inspection.

Sincerely,

DIVISION OF WATER POLLUTION CONTROL

Jay Patel, Regional Manager  
Field Operations Section – Des Plaines

JP:AG:dfab:Beecherstp.LTR.6-1-17BeecherSTP.ltr.6-1-17

Enclosure

bc: Record Unit  
Regional File

4302 N. Main St., Rockford, IL 61103 (815) 987-7760  
595 S. State, Elgin, IL 60123 (847) 608-3131  
2125 S. First St., Champaign, IL 61820 (217) 278-5800  
2009 Mall St., Collinsville, IL 62234 (618) 346-5120

9511 Harrison St., Des Plaines, IL 60016 (847) 294-4000  
412 SW Washington St., Suite D, Peoria, IL 61602 (309) 671-3022  
2309 W. Main St., Suite 116, Marion, IL 62959 (618) 993-7200  
100 W. Randolph, Suite 10-300, Chicago, IL 60601



# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

BRUCE RAUNER, GOVERNOR

ALEC MESSINA, ACTING DIRECTOR

## MEMORANDUM

cc: BOW/RU

DATE: May 18, 2016

TO: Region 2 File

FROM: Adolfo Gonzalez, Jr. EPE

AG

SUBJECT: Inspection Report on Village of Beecher STP  
NPDES Permit No. IL0049522 BOW ID # W1970050001

---

A Compliance Evaluation Inspection was performed on May 5, 2017 at the Beecher STP. Review of the information available and site visit of the Wastewater treatment works indicated that the permittee is in substantial compliance with the NPDES permit.

4302 N. Main St., Rockford, IL 61103 (815)987-7760  
595 S. State, Elgin, IL 60123 (847)608-3131  
2125 S. First St., Champaign, IL 61820 (217)278-5800  
2009 Mail St., Collinsville, IL 62234 (618)346-5120

9511 Harrison St., Des Plaines, IL 60016 (847)294-4000  
412 SW Washington St., Suite D, Peoria, IL 61602 (309)671-3022  
2309 W. Main St., Suite 116, Marion, IL 62959 (618)993-7200  
100 W. Randolph, Suite 10-300, Chicago, IL 60601

PLEASE PRINT ON RECYCLED PAPER



# EPA

United States Environmental Protection Agency

## Water Compliance Inspection Report

### Section A: National Data System Coding (i.e., PCS)

Transaction Code	NPDES	yr/mo/day	Inspection Type	Inspector	Fac Type
1 N  2 5  3 L 0 0 4 9 5 2 2  11  12 1 7 0 5 0 5  17  18 C  19 A  20 1					
Remarks					
21					
66					
Inspection Work Days	Facility Self-Monitoring Evaluation Rating	BI	QA	Reserved.....	
67      69	70 4	71	72	73      74	75          80

### Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number)  <b>Beecher STP 375 Ahrens Dr Beecher, Illinois 60401</b>	Entry Time/Date <b>9:30 AM</b>	Permit Effective Date <b>11/01/15</b>
	Exit Time/Date <b>11:10 AM</b>	Permit Expiration Date <b>09/30/20</b>
Name(s) of On-Site Representative(s)/Title(s)/ Phone and Fax Number(s) <b>John Sxwedo/Plant Operator/708-935-2160 Nick Strba/Plant Operator/708-935-2160</b>	Other Facility Data	
Name, Address of Responsible Official/Title/Phone and Fax Number <b>Robert Barber/Village Administrator/708-946-2261</b>	Contacted <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

### Section C: Areas Evaluated During Inspection (Check only those areas evaluated)

<input checked="" type="checkbox"/> Permit	<input checked="" type="checkbox"/> Flow Measurement	<input checked="" type="checkbox"/> Operation & Maintenance	<input type="checkbox"/> Storm Water
<input checked="" type="checkbox"/> Records/Reports	<input checked="" type="checkbox"/> Self-Monitoring Program	<input checked="" type="checkbox"/> Sludge Handling/Disposal	<input type="checkbox"/> Combined Sewer Overflow
<input checked="" type="checkbox"/> Facility Site Review	<input checked="" type="checkbox"/> Compliance Schedules	<input type="checkbox"/> Pretreatment	<input type="checkbox"/> Sanitary Sewer Overflow
<input checked="" type="checkbox"/> Effluent/Receiving Waters	<input checked="" type="checkbox"/> Laboratory	<input type="checkbox"/> Pollution Prevention	<input type="checkbox"/> MS4

### Section D: Summary of Findings/Comments

(Attach additional sheets of narrative and checklists, including Single Event Violation Codes, as necessary)

SEV Codes	SEV Description
0 0	
0 0	

Name(s) and Signature(s) of Inspector(s) <b>Adolfo Gonzalez Jr.</b>	Agency/Office/Phone and Fax Numbers <b>IEPA / DWPC / FOS-Desplaines 847/294-4000 FAX 847-294-4058</b>	Date <b>5-18-17</b>
Signature of Management Q A Reviewer	Agency/Office/Phone and Fax Numbers	Date <b>6/8/2017</b>

CC:





# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

BRUCE RAUNER, GOVERNOR

ALEC MESSINA, ACTING DIRECTOR

## INSPECTION NOTES

CC: BOW/RU

Facility Name:

Beecher STP

NPDES Permit No.:

IL0049522

BOW ID #

W1970050001

Basin Code:

F 197 01

Inspection Type:

Compliance Evaluation

Date of Inspection:

May 5, 2017

Inspected By:

Adolfo Gonzalez, Jr.

Interviewed:

John Szwedo, Plant Operator,  
Nick Strba, Plt Operator.

## GENERAL INFORMATION

Responsible Officials: Greg Szymanski, Village President 708-946-2261

Plant Personnel and Certification Status:

John Szwedo, Plt. operator

Class 1

Nick Strba, Plant operator

Class 4

Plant Location:

The facility is located on 375 Ahrens Drive, Beecher IL 60001.

4302 N. Main St., Rockford, IL 61103 (815)987-7760  
595 S. State, Elgin, IL 60123 (847)608-3131  
2125 S. First St., Champaign, IL 61820 (217)278-5800  
2009 Mall St., Collinsville, IL 62234 (618)346-5120

9511 Harrison St., Des Plaines, IL 60016 (847)294-4000  
412 SW Washington St., Suite D, Peoria, IL 61602 (309)671-3022  
2309 W. Main St., Suite 116, Marion, IL 62959 (618)993-7200  
100 W. Randolph, Suite 10-300, Chicago, IL 60601

## Receiving Waters:

The receiving stream is the West Branch of Trim Creek, trib. to the Kankakee River. The stream is classified as a General Use Waterway, and the 7Q10 is 0 CFS.

## Facility Description:

The 0.6 MGD (DAF) / 1.5 MGD (DMF) activated sludge plant treatment consists of the following process units:

- Raw Sewage Lift Station
- Mechanical/manual bar screen
- Three ring oxidation ditch (2 aeration tanks and 1 aerobic digester)
- Final Clarifiers (2)
- Reconverted package plant (with 2 sludge thickeners and 2 aerobic digesters)
- Sludge Drying beds (4)
- Excess flow storage pond
- Rock filter
- Post aeration zone pond

Treated effluent is discharged to the West Branch of Trim Creek via outfall B01. Overflow from the storage pond exits A01 outfall.

## Sewage Collection System

The Beecher sewer system is 100% separate, and services 43590 persons. The total sewer length is approximately 30 miles. Inflow and infiltration are a minor concern. Sewer line diameters include 8", 12", and 18". Sewer pipe material includes vitrified clay and PVC. The Village sewer maintenance consists of jetting (done in 2016), televising (also done in 2016), and tree root cutting as needed. Commercial/industrial dischargers include 9 restaurants, 3 schools and 1 industrial user (Dutch American, a dry mix food plant). Three off site lift stations (with SCADA) are part of the Village sewer system. For 2016, only a few homes were under construction during 2016 and were to be added to the sewer system.

## NPDES PERMIT COMPLIANCE

### Permit:

NPDES permit #IL0049522 was issued September 29, 2015, became effective October 1, 2015, and will expire on September 30, 2020. See permit for further details.

### Records and Reports:

Facility records include flow charts, sample data and O& M related documentation. The permittee complied with special conditions 11 (annual fiscal report), and 13 (semiannual sludge reports). Baxter and Woodman have been retained to help develop the CMOM (due October 2017) and submit milestone reports as outlined in special condition 16 (Disinfection equipment implementation).

#### Flow Measurement:

On the day of the field inspection, the influent ultrasonic, and the ultrasonic/Parshall flume effluent flow meters were working. Both flow metering devices were calibrated on July 1, 2016. Seven-day circular flow charts are kept beyond the 3-year minimum. At the time of the field inspection, the influent/effluent flow rate was noted to be 562 GPM and 615 GPM respectively.

#### Laboratory:

The permittee determines CBOD, BOD, TSS and pH on site. The permittee contracts Arro Labs to determine effluent NH<sub>3</sub>-N, and sludge parameters via Suburban labs. The permittee has a copy of Standard methods 19th edition. Blank samples are analyzed, though no statistical analysis is performed on the resultant data (a written QA/QC plan is available), Examination of the lab equipment, and reagents indicated that the desiccant color was acceptable and the unit had a grease seal. The analytical balance had been calibrated in June 20, 2016, the drying oven was idle, and incubator temperature was 20.0 degrees C. The 4.0 and 7.0 sus pH buffer solutions were unexpired and the glucose glutamic acid check on the BOD dilution water was not being performed.

#### Self-Monitoring Program:

The permittee is recording the composite sampler internal temperature on bench sheets. Sample collection documentation appeared complete. Examination of the influent/effluent composite unit sampler devices revealed 4.5/3.0 degrees Centigrade respectively.

#### Operation and Maintenance:

Inspection of the plant O&M records revealed an operator's diary, spare parts inventory list, equipment repair records/specifications, and parts supplier names. On site, spare parts included bearings, filters, discs, connectors, bolts, belts, valves, pumps, circuit breakers, couplings and fuses. A SCADA system notifies plant personnel on/off site of RAS pump failure, high water level and chlorine leak (for the excess flow situations). A permanent 150 KW emergency generator was noted in addition to 10 and 45 KW portable generators.

#### Pretreatment

The Village is not required to have a formal pretreatment program now. Only one industrial user- Dutch American- is known to discharge into the Beecher sewer system.

#### Facility Site Review

All necessary process units were operating at the time of the CEI. Both aerators in the excess flow lagoon were working. The apparent distance between the water level in the quiescent bay and the overflow pipe entrance (trib. to A01 outfall) was approx. 12 ft. No discharge was occurring from the A01 outfall structure. Both final clarifiers were on line with minimum scum

on the surface.

Sludge Disposal:

Sludge disposal is via WPC Permit # 2014-SC-58748 (issued June 18, 2014, to expire May 31, 2019) the permittee can apply approx. 120 dry tons/year of aerobically digested sludge to agricultural lands.

Sludge data kept on site includes gallons of sludge wasted to /remove from beds, and removal dates/sludge hauler identification. For 2016, the total sludge amount generated /land applied was 22.4/22.9 DTs respectively. At the time of the field inspection, all 4 drying beds had some sludge sitting on the beds and no sludge hauling (performed by Synago) was occurring at the time of the field visit.

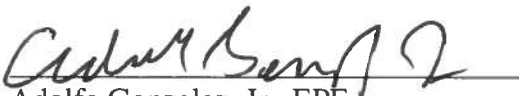
Effluent/Receiving Stream:

Inspection of the final effluent discharge in the Parshall flume appeared clear, with a trace of foam. The West Branch of Trim Creek appeared very low, and clear up/down stream of the discharge point.

Review of DMRs for the review period November 2016 to April 2017 indicated substantial compliance with permit effluent limits for A01, B01, and 001. No discharge was noted for DMRs for A01 and B01 for said reporting period.

SUMMARY

Review of the available written information and on-site inspection of the STP indicated that the permittee was in overall compliance with the NPDES permit.

  
Adolfo Gonzalez, Jr., EPE

## Gonzalez, Al

---

**From:** John D. Szvedo <JSzvedo@baxterwoodman.com>  
**Sent:** Monday, May 08, 2017 12:54 PM  
**To:** Gonzalez, Al  
**Subject:** [External] RE: FISCAL REPORT

Al,

I sent an email to our permit coordinator her at Baxter & Woodman, and below is her response to part of Special Condition 16:

- 1) *For the special condition regarding disinfection: I have been submitting the compliance letters, and they state that the WWTP is being upgraded and will go out to bid and construction will commence late summer/early fall 2017. A new disinfection system is part of the plant upgrade.*
- 2) *A proposal has been sent to the client just last week for review and approval. It includes CMOM, which will be done this summer and submitted before the due date.*

Let me look into the rest of Special Condition 16 and find the status of that.

John

---

**From:** Gonzalez, Al [<mailto:Al.Gonzalez@Illinois.gov>]  
**Sent:** Monday, May 08, 2017 11:05 AM  
**To:** John D. Szvedo <[JSzvedo@baxterwoodman.com](mailto:JSzvedo@baxterwoodman.com)>  
**Subject:** RE: FISCAL REPORT

Thanks!

---

**From:** John D. Szvedo [<mailto:JSzvedo@baxterwoodman.com>]  
**Sent:** Monday, May 08, 2017 10:14 AM  
**To:** Gonzalez, Al  
**Subject:** [External] FW: FISCAL REPORT

Al,

Here is the Beecher annual report. I'm working on gathering the other information (CMOM status and status of Special Condition 16) you requested and will try to get that to you this week.

John

John D. Szvedo



main: 815.459.1260 | cell: 262 744 9391  
email: [jszvedo@baxterwoodman.com](mailto:jszvedo@baxterwoodman.com)  
[www.baxterwoodman.com](http://www.baxterwoodman.com)  
8678 Ridgefield Rd., Crystal Lake, IL 60012

## Gonzalez, Al

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**From:** John D. Szwedo <JSzwedo@baxterwoodman.com>  
**Sent:** Wednesday, May 10, 2017 10:34 AM  
**To:** Gonzalez, Al  
**Subject:** [External] RE: FISCAL REPORT

Al,

A couple of remaining items:

- I spoke with Bob Barber, the Village Administrator about the MS4 program. He said they are going to have things all ready before the compliance date, and in fact he said he is going to call you just to update you.
- As far as the items under Special Condition 16, The 6 month progress report has been completed, along with the Facility Plan. The design is still taking place, so the Plan submittal and construction application is still in progress.

If there is anything else you need, please feel free to call.

John



John D. Szwedo

main: 815.459.1260 | cell: 262 744 9391

email: [jszwedo@baxterwoodman.com](mailto:jszwedo@baxterwoodman.com)

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**From:** Gonzalez, Al [<mailto:Al.Gonzalez@Illinois.gov>]  
**Sent:** Monday, May 08, 2017 2:41 PM  
**To:** John D. Szwedo <JSzwedo@baxterwoodman.com>  
**Subject:** RE: FISCAL REPORT

Thanks for the update...

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**From:** John D. Szwedo [<mailto:JSzwedo@baxterwoodman.com>]  
**Sent:** Monday, May 08, 2017 12:54 PM  
**To:** Gonzalez, Al  
**Subject:** [External] RE: FISCAL REPORT

Al,

I sent an email to our permit coordinator her at Baxter & Woodman, and below is her response to part of Special Condition 16:

- 1) *For the special condition regarding disinfection: I have been submitting the compliance letters, and they state that the WWTP is being upgraded and will go out to bid and construction will commence late summer/early fall 2017. A new disinfection system is part of the plant upgrade.*
- 2) *A proposal has been sent to the client just last week for review and approval. It includes CMOM, which will be done this summer and submitted before the due date.*

Let me look into the rest of Special Condition 16 and find the status of that.

John

---

**From:** Gonzalez, Al [<mailto:Al.Gonzalez@Illinois.gov>]  
**Sent:** Monday, May 08, 2017 11:05 AM  
**To:** John D. Szvedo <[JSzvedo@baxterwoodman.com](mailto:JSzvedo@baxterwoodman.com)>  
**Subject:** RE: FISCAL REPORT

Thanks!

---

**From:** John D. Szvedo [<mailto:JSzvedo@baxterwoodman.com>]  
**Sent:** Monday, May 08, 2017 10:14 AM  
**To:** Gonzalez, Al  
**Subject:** [External] FW: FISCAL REPORT

Al,

Here is the Beecher annual report. I'm working on gathering the other information (CMOM status and status of Special Condition 16) you requested and will try to get that to you this week.

John



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**From:** Robert Barber [<mailto:bobadm@villageofbeecher.org>]  
**Sent:** Monday, May 08, 2017 9:36 AM  
**To:** John D. Szvedo <[JSzvedo@baxterwoodman.com](mailto:JSzvedo@baxterwoodman.com)>  
**Subject:** FISCAL REPORT

Here you go. I will not have the 2017 report until August.

Robert O. Barber

Village Administrator  
Village of Beecher  
Phone: 708-946-2261  
Fax: 708-946-3764

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# Illinois Department of Transportation

Office of Highways Project Implementation / Region 1 / District 1  
201 West Center Court / Schaumburg, Illinois 60196-1096

RT1 (W) IL 1 General

June 13, 2017

The Honorable Greg Szymanski  
Village President  
Village of Beecher  
724 Penfield Street  
P.O. Box 1154  
Beecher, IL 60401

Dear Village President Szymanski:

This is a follow up to our interim response of March 28, 2017, regarding IL 1 south of Goodenow Rd. We have completed our review of the existing field conditions and recent crash history.

The existing pavement markings and signs at the merge location were found to be proper and in good condition as per the Federal Highway Administration's Manual on Uniform Traffic Control Device.

A review of the five year crash history from 2010 through available 2015 was completed. During this period there were 8 reported crashes near the merge point. 50% of the crashes were found to have occurred in darkness. Overall, the frequency and severity of crashes is low compared to similar locations statewide.

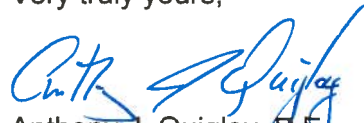
The request to extend the lighting was evaluated. Funding for installation of lighting is not currently included in the Department's Fiscal Year 2017-2022 Proposed Highway Improvement Program. Consideration will be given to including funding for this improvement in future programs, however it will have to compete with other highway needs. If the Village wishes to advance the installation, local agencies may install lighting using their portion of motor fuel tax funds through state wide contracts administered by our Bureau of Local Roads and Streets or using their own funding and their own contracting methods through our Bureau of Traffic's Permit Section. The Department has published a set of Lighting Guidelines to assist in the development of lighting plans.

The Department has recently let a Highway Safety Improvement Program (HSIP) project to install paved shoulders with shoulder and centerline rumble strips on IL 1 from south of Goodenow Rd to County Line Rd. As part of this project, the existing pavement markings and raised reflective pavement markings will be replaced with new markings and fixtures. We will continue to monitor this location.

Village President Szymanski  
June 13, 2017  
Page Two

If you have any questions or need additional information, please contact me or  
Mr. Daryle Drew, Acting Traffic Programs Engineer, at (847) 705-4424.

Very truly yours,



Anthony J. Quigley, P.E.  
Region One Engineer