

## MEMORANDUM

TO: Village President and Board of Trustees

FROM: Robert O. Barber, Village Administrator

DATE: Friday, June 21, 2019

RE: VILLAGE ADMINISTRATOR MATERIALS FOR VILLAGE BOARD MEETING

BOARD MEETING DATE: *Monday, June 24, 2019 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. AUDIT UPDATE. Preliminary field work is complete and more field work is scheduled for July.

2. VILLAGE INVESTMENTS UPDATE. There is an investment policy resolution on file which is required by law. That resolution states that the Village's funds are to be kept at financial institution having a physical presence in the Village limits. We will have to adopt a new resolution if we choose to move some of our funds elsewhere and this is not a big deal. The Finance Committee is conducting a full review of the service and investments that local banks offer and will provide an update once this review is complete.

3. CONSIDER AN INTERGOVERNMENTAL AGREEMENT FOR ENROLLMENT IN A PURCHASING COOPERATIVE FOR SOLAR ENERGY. This agreement is a work product of the Metropolitan Mayors Caucus and is a component of the Greenest Region Compact we entered into several months ago. The purchase of solar credits does not affect any other type of co-op pricing we obtain through NIMEC, but is a reduction of \$0.007 per kwh on all of ut

accounts as we transition in theory to 100% of our energy being solar power. As a result of this agreement, the Village will save anywhere from \$1,862 to \$5,585 per year on its own electric accounts. There is a \$500 subscription fee that has to be paid up from the Mayors Caucus but this program will be large benefit in the long run. Staff recommends approval of the enclosed agreement and program.

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

1. CONSIDER A MOTION AUTHORIZING PAYMENT TO G.T.I. IN THE AMOUNT OF \$9,500 FOR ELECTRICAL WORK AT 533 REED. Since we do not meet again until July 17<sup>th</sup> and this bill was received the day after our last meeting the Supt. would like to be paid now. Please see the enclosed invoice.

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

1. COMPREHENSIVE PLAN UPDATE. CMAP has made several recommended changes to the plan that requires a re-write of much of the text. As a result the PZC meeting for June has been canceled and we will shoot for a July meeting.

**D. PUBLIC SAFETY COMMITTEE - Todd Kraus, Scott Wehling**

1. CONSIDER A MOTION AUTHORIZING THE PURCHASE OF A NEW POLICE SQUAD: 2019 DODGE RAM 1500 SSV PICK-UP TRUCK FOR AN AMOUNT NOT TO EXCEED \$28,000. \$30,000 was budgeted for the purchase of an SUV, but it is impossible right now to purchase and equip a new SUV for less than the \$43,000 budgeted for the project. Purchasing the pick-up will allow for the project to stay within budget. Please see the enclosed proposal. The Chief can explain this more in his report.

**E. PUBLIC WORKS COMMITTEE - Jonathan Kypuros, Stacy Mazurek**

1. WASTEWATER TREATMENT PLANT UPDATE. The new belt press has arrived and is being connected. The UV lighting system for disinfection has been installed. Clarifier #2 is being rebuilt. It has been so wet that we have been unable to dispose of our liquid sludge so work can begin the orbal ditch. The extension of time granted was prudent and necessary.

2. RESULT OF GOULD STREET WATERMAIN BID. Five bids were received and opened and a bid tab sheet is enclosed for your review. The low bidder was Brandt Excavating for \$880,719.41 and we have until October 4<sup>th</sup> to award the bid or negotiate an extension of the bid price. We have to wait and see how the \$950,000 in capital bill funds will be released and awarding a bid before the grant agreement is signed could nullify the grant.

3. CONSIDER FUTURE WATERMAIN PROJECTS. Since it appears we have Gould Street watermain fully funded we would like to select the next project for design in the range of about \$500,000 which is the cash we will have on hand after we complete Gould and the lead service line replacement program. Once the project is selected we want to go to design and have it ready for bid once we have Gould Street and the lead line project mailed down. There are several project on the drawing board and the committee just needs to select the next one in line. This will be discussed further in the meeting.

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

5. CONSIDER A MOTION WAIVING BID REQUIREMENT FOR EMERGENCY ROAD REPAIRS ON WOODWARD, REED AND DUNBAR STREETS. The Supt. has identified seven areas on these roads that are in substantial failure and wishes to address these failures as soon as possible. These areas are in the 500, 600 and 700 block of Woodward, 527 Dunbar, 540 Dunbar, 623 Reed and 633 Reed. Three proposals were solicited and two were obtained.

6. CONSIDER AUTHORIZING ACCEPTANCE OF A PROPOSAL IN THE AMOUNT OF \$44,858 FROM WIRKUS PAVING FOR 10,265 SQ. FT. OF PATCHING REPAIRS. Two proposals were received: Quality Paving in the amount of \$67,732.00 and Wirkus Paving in the amount of \$44,858. All-Pro declined to provide a proposal. It is recommended that the Wirkus proposal be approved.

7. 400 BLOCK OF WOODWARD ROAD PATCHING UPDATE to be provided by the Supt.

8. LEAD SERVICE LINE PROJECT UPDATE. A kick-off meeting was held about three weeks ago and the process of identifying the exact location and number of lead service lines has begun. Enclosed are some of the materials that will be used in the near future as we begin to prepare the loan package. This project was not funded so along with the Gould Street watermain we will have to supplemental appropriate before the end of the fiscal year.

#### F. ECONOMIC DEVELOPMENT AND COMMUNITY RELATIONS COMMITTEE

- Marcy Meyer, Frank Basile

1. CONSIDER A PROPOSAL FOR A LASER LIGHT SHOW ON SATURDAY, AUGUST 1<sup>ST</sup>, 2020 IN FIREMEN'S PARK IN THE AMOUNT OF \$12,000 TO CELEBRATE THE VILLAGE'S SESQUICENTENNIAL. A proposal for a laser light show is enclosed appears to be feasible. Power, sound, location and weather dates are being worked out. The show is about 20 to 30 minutes long and would occur at the north end of the park. Some of the proceeds from the sale of the book can be used to fund this item but the Village would have to foot the rest of the bill, find sponsors or have a fund raiser.

2. SESQUICENTENNIAL UPDATE. The book is progressing well. \$17,000 in ad sales have been raised so far and the book should cost about \$10-12k to produce depending on the length. The committee wants to hold the street dance/birthday bash on July 25<sup>th</sup>, 2020 one week before

the Lions Summerfest on a Saturday night so as to not burn everyone out.

G. VILLAGE PRESIDENT REPORT

1. CONSIDER A COMMITTEE OF THE WHOLE PROCESS AND APPOINTMENTS TO COMMITTEES.

H. OLD BUSINESS

I. NEW BUSINESS

J. ADJOURN INTO EXECUTIVE SESSION (if necessary)

K. ADJOURNMENT

MONTHLY REPORTS (for your information only):

1. COMM ED 2018 ANNUAL REPORT
2. BUILDING DEPARTMENT MONTHLY REPORT
3. POLICE DEPARTMENT MONTHLY REPORT
4. EMA MONTHLY REPORT
5. CODE ENFORCEMENT MONTHLY REPORT
6. WATER DEPARTMENT MONTHLY REPORT
7. SEWER DEPARTMENT MONTHLY REPORT

**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 10, 2019 -- 7:00 P.M.**

All present joined in the Pledge to the Flag.

President Szymanski called the meeting to order.

**ROLL CALL**

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

ABSENT: Trustee Kraus.

**STAFF PRESENT:** Clerk Janett Conner, Administrator Robert Barber, Public Works Superintendent Matt Conner, Chief of Police Greg Smith and Treasurer Donna Rooney.

**GUESTS:** Diane Basile and George Schuitema.

President Szymanski asked for consideration of the minutes of the May 13, 2019 Board meeting. Trustee Wehling made a motion to approve the minutes as written. Trustee Basile seconded the motion.

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

NAYS: (0) None.

Motion carried.

**REPORTS OF VILLAGE COMMISSIONS**

Beautification Commission. – No report.

Trustee Meyer provided a Fourth of July Commission update. The Commission has received \$21,000 in sponsorships so far. Debbie Falaschetti has become a new Commission member.

Trustee Mazurek provided a Youth Commission update. They held a fundraiser at the Ride for Life event the previous weekend. The next meeting is scheduled for June 19<sup>th</sup> at 7:30 p.m.

Trustee Wehling provided a Historic Preservation Commission update. A special fieldtrip held with kids from Zion School went well. The Commission welcomes other school groups that wish to tour the museum. A special display of Milt Pappas memorabilia will be at the Depot/Museum on Saturday, June 15<sup>th</sup>, in conjunction with the Drivin' the Dixie, and four other Saturdays after that. Trustee Wehling explained the traffic flow for Drivin' the Dixie, and is working with Chief Smith on traffic control. Lions Club will be serving hot dogs at the Depot on June 15<sup>th</sup> for visitors. Trustee Wehling encouraged residents to come visit the Depot.

**A. FINANCE AND ADMINISTRATION COMMITTEE**

**TREASURER'S REPORT:** A copy of the Treasurer's report was provided to the Board for review and Treasurer Rooney 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 Mazurek, Basile, Wehling, Kypuros and Meyer.

NAYS: (0) None.

Motion carried.

Variance reports for the preceding month were provided in the packet for review. Administrator Barber provided a report on the final variance report for the 2018-2019 fiscal year.

A list of bills totaling \$248,806.39 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 Wehling seconded the motion.

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

NAYS: (0) None.

Motion carried.

In order to approve the TIF District, State law requires the Village adopt three ordinances as listed below. The ordinances then have to be certified by the Village Clerk and recorded with the Will County Clerk and the Recorder of Deeds Office. All three ordinances were provided in the packet for review.

ORDINANCE #1308 – An Ordinance approving the Beecher TIF #1 Redevelopment Plan Project. Trustee Meyer made a motion to approve Ordinance #1308. Trustee Kypuros seconded the motion.

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

NAYS: (0) None.

Motion carried.

ORDINANCE #1309 – An Ordinance adopting tax increment financing for the Beecher TIF #1 Redevelopment Project Area. Trustee Meyer made a motion to approve Ordinance #1309. Trustee Mazurek seconded the motion.

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

NAYS: (0) None.

Motion carried.

ORDINANCE #1310 – An Ordinance designating the Beecher TIF #1 Redevelopment Project Area. Trustee Meyer made a motion to approve Ordinance #1310. Trustee Kypuros seconded the motion.

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

NAYS: (0) None.

Motion carried.

Trustee Kypuros made a motion to approve a proposal for the mud jacking of 76 squares of public sidewalk in the Village by Affordable Concrete Raising in the amount of \$4,940. Trustee Meyer seconded the motion.

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

NAYS: (0) None.

Motion carried.

Trustee Kypuros made a motion to approve a proposal in the amount of \$14,375 from Perino Brothers for curb repair in the Village. Trustee Wehling seconded the motion.

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

NAYS: (0) None.

Motion carried.

Trustee Kypuros made a motion to approve a proposal for sidewalk replacement to Perino Brothers in the amount of \$17,650. Trustee Wehling seconded the motion.

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

NAYS: (0) None.

Motion carried.

Trustee Kypuros made a motion to approve a proposal in the amount of \$12,549 from Quality Paving for the grinding, milling, and overlay of certain sections in the 400 and 500 blocks of Woodward Street. Road will receive 2" of binder and 2" of surface. Trustee Mazurek seconded the motion.

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

NAYS: (0) None.

Motion carried.

Trustee Kypuros made a motion to approve payment to Baxter and Woodman in the amount of \$27,162.10 for construction management services at the Beecher Wastewater Treatment Plant pending receipt of IEPA loan funds.

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

NAYS: (0) None.

Motion carried.

Trustee Wehling made a motion approving a proposal from Custom Brick and Stone in the amount of \$5,200 to replace the steel doors and frames and tuck point on stage in Firemen's Park. Trustee Mazurek seconded the motion.

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

NAYS: (0) None.

Motion carried.

President Szymanski announced his annual appointments. Trustee Wehling made a motion to approve President Szymanski's appointments as follows:

**LIST OF APPOINTMENTS BY VILLAGE PRESIDENT  
FY: 2019-2020  
June 10, 2019**

**Village Administrator, Zoning Administrator and Economic Development:** Robert Barber

**Village Clerk:** Janett Conner

**Village Prosecutor:** Tom Knuth

**Village Corporate Counsel:** Tim Kuiper, Austgen and Kuiper, P.C.

**Code Enforcement Officer:**

**ESDA Coordinator:** Denis Tatgenhorst

**Chief of Police:** Greg Smith

**Public Works Superintendent:** Matt Conner

**Village Treasurer:** Donna Rooney

**Building Department Services:** Safebuilt

**EASTCOM and Laraway Communications Board of Directors:**

Member: Bob Barber, Alternate:

**Planning and Zoning Commission Secretary:** Patty Meyer

**Joint Fuel Committee:** Greg Szymanski and Robert Barber

**Village Engineer:** Baxter and Woodman: (project engineers TBD on a case by case basis)

**Planning and Zoning Commission:**

Bob Heim (term expires 5/1/20)

Bill Hearn (term expires 5/1/21)

Diane Basile (term expires 5/1/20)

Phil Serviss (term expires 5/1/21)

George Schuitema (term expires 5/1/21)

Denis Tatgenhorst (term expires 5/1/22)

Kevin Bouchard (term expires 5/1/22)

**Beautification Commission:**

Matt Conner (Village Liaison)  
Sandy Lohmann  
Steve Weishaar  
Jessica Treco

George Obradovich  
Paula Weishaar  
Jean Smith

**Fourth of July Commission:**

Marcy Meyer (Village Liaison)  
Kim Coleman  
Ron Kuhlman  
Debbie Falaschetti  
Lau  
Jerry Meyer  
Patty Meyer  
Office)  
Bruce Becker  
Howard Perry (ex-officio)

Bill Voss  
Chuck Hoehn  
Cameron Ohlendorf  
Robert Barber

Barb Hodgett  
Bridget Goedke  
Nicholas Hoehn  
Mike

Marge Cook  
Ken Bobowski  
Kevin Bouchard  
Mary Lou Cooper (ex-officio)

Phil Salmen  
Jenna Barber (ex-

**Beecher Youth Commission:**

Stacy Mazurek, (Village Liaison)  
Teri Kasput  
Catherine Gonzalez  
Trish Moran  
Brandy Flores  
Sarah Murphy

Laura Irwin  
Roger Sipple, ex-officio  
Emanuel Gonzalez  
Diana Jerkatis  
Mary Rose Gianotti  
Elizabeth Rapacz

**Historic Preservation Commission:**

Scott Wehling, (Village Liaison)  
Virginia Bath  
Roberta Patzer

Janett Conner  
Don Sala  
Arnie Cooper

Trustee Basile seconded to approve the appointments.

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

NAYS: (0) None.

Motion carried.

**I. NEW BUSINESS**

Clerk Conner read aloud a thank you note from the family of William Merritt, former sewer plant operator, who passed away recently.

President Szymanski announced that Popovich Sporting Arms, a local business, is closing due to new state regulations. A letter regarding this was provided for review.

President Szymanski provided a Proclamation declaring Beecher Public Works Day on May 24<sup>th</sup> in honor of National Public Works Week from May 19-25, 2019.

President Szymanski proclaimed June 7<sup>th</sup> as Beecher Ladycats Day due to winning their State Championship. A special event was held for the team in Firemen's Park on Friday. Trustee Kypuros asked about updating the sign at the entrance to town to add the Ladycat's 2019 Championship. President Szymanski said he is working on this.

President Szymanski said the South Suburban Mayors and Managers will be hosting a screening of the movie "All the Queen's Horses" about Dixon's Treasurer stealing public funds. Board members were invited to attend.

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

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

NAYS: (0) None.

Motion carried.

Meeting adjourned at 7:24 p.m.

Respectfully submitted by:

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Janett Conner  
Village Clerk



Joseph T. Tamburino  
Mayor, Village of Hillside  
Executive Board Chairman

Vacant  
Executive Board 1<sup>st</sup> Vice Chairman

Kevin Wallace  
Mayor, Village of Bartlett  
Executive Board 2<sup>nd</sup> Vice Chairman

May 31, 2019

Robert Barber  
Village Administrator  
Village of Beecher  
625 Dixie Highway  
P.O. Box 1154  
Beecher, IL 60401-1154

Dear Robert:

Thank you for expressing interest in the Community Solar Clearinghouse Solutions Program (CS<sup>2</sup>). This letter provides an overview of the CS<sup>2</sup> Program process and describes the steps for enrolling in the purchasing pool.

The Metropolitan Mayors Caucus is partnering with The Power Bureau to bring the benefits of Community Solar to Caucus member municipalities through the CS<sup>2</sup> Program. The CS<sup>2</sup> Program provides technical and management expertise to secure Subscriptions to Community Solar projects for participating Caucus members. A Subscription assigns a portion of the energy output of one or more Community Solar assets to a ComEd account. With Subscriptions, Caucus members will receive on-bill credits for their portion of the output from Community Solar assets resulting in a lower monthly ComEd bill.

The CS<sup>2</sup> Program will operate through the following steps:

- **Step 1: Municipal Expression of Interest.** Caucus members uploaded their ComEd utility billing information for analysis and submit an Expression of interest. *Completed: February 2019*
- **Step 2: ComEd Account Analysis.** The Power Bureau identified which ComEd utility accounts achieve cost savings with Community Solar subscriptions. Municipalities were given a no-cost Community Solar Subscription Opportunity Assessment Report identified accounts which are suitable for subscription. *Completed: March/April 2019*
- **Step 3: Request for Community Solar Developer Qualifications** – The Power Bureau issued a Request for Qualifications to all Community Solar developers registered with the Illinois Power Agency. Ten (10) Community Solar developers were scored as 'Qualified' and will serve as the bidder pool for the Request for Pricing. *Completed: April 2019*
- **Step 4: Community Solar Lottery** - The Illinois Power Agency conducted a lottery to select community solar projects to receive solar renewable energy credit incentives and therefore proceed to development. *Completed: April 2019*

City of Chicago · DuPage Mayors and Managers Conference · Lake County Municipal League · McHenry County Council of Governments  
Metro West Council of Governments · Northwest Municipal Conference · South Suburban Mayors and Managers Association  
Southwest Conference of Mayors · West Central Municipal Conference · Will County Governmental League

233 South Wacker Drive, Suite 800, Chicago, Illinois 60606  
Tel: 312.201.4505 Fax: 312.454.0411  
[www.mayorscaucus.org](http://www.mayorscaucus.org)

- **Step 5: CS<sup>2</sup> Program Purchasing Pool** - Municipalities may formally enroll in the collaborative procurement process. Municipalities complete a Purchasing Pool Enrollment Agreement and pay a one-time enrollment fee\* to participate in the purchasing pool. ***To participate in the Purchasing Pool, municipalities must accept and return the Agreement to the Caucus and pay the enrollment fee by August 16, 2019.***
- **Step 6: Request for Pricing from Qualified Community Solar Developers** - The Power Bureau will request pricing on behalf of CS<sup>2</sup> Program Purchasing Pool participants. Pricing will be presented in the form of a fixed discount to the ComEd Default rate. ***Targeted Completion: August 2019***
- **Step 7: Subscription Agreements.** Municipalities will enter into subscription agreements with Community Solar Developers selected through the Request for Pricing for a period of up to 20 years. ***Targeted Completion: September 2019***
  - Note – one community solar pilot project will be available on a shorter timeline for certain accounts and a limited number of communities. See below.
- **Step 8: Deliveries Commence.** Community Solar developments are energized and begin generating Subscription credits for Caucus members. ***Targeted Completion: Fall-Winter 2019;***
- **Step 9: Ongoing Credits and Billing Management.** The CS<sup>2</sup> Program will manage ongoing billing activities for participating municipalities over the term of their subscription agreements with the Community Solar Developers. Ongoing operating costs of the CS<sup>2</sup> Program will be paid for by the Community Solar project Developers. ***Targeted Completion: Fall-winter 2019***

One-time Purchasing Pool enrollment fees:

Because the CS<sup>2</sup> Program allows member communities to address sustainability goals of the Greenest Region Compact (GRC), enrollment fees are discounted for communities that have adopted the GRC and are dues-paying members of the Metropolitan Mayors Caucus.

A. The one-time enrollment fee for municipalities with *10 or fewer* eligible small accounts is:

- GRC Communities - \$200;
- Communities that have not adopted the GRC or are not dues contributing members of the Mayors Caucus - \$400.

B. The one-time enrollment fee for municipalities with *more* than 10 eligible small accounts is:

- GRC Communities - \$500;
- Communities that have not adopted the GRC or are not dues contributing members of the Mayors Caucus - \$700.

Join the 120+ GRC Communities in adopting the GRC consensus sustainability goals by municipal resolution. Find more information about the GRC here. To join the Caucus as a dues-paying member, contact Dave Bennett, Executive Director, [dbennett@mayorscaucus.org](mailto:dbennett@mayorscaucus.org), 312-201-4505

➤ ***Just added - CS<sup>2</sup> Program Community Solar Early Pilot Project Opportunity***

*Participants in the CS<sup>2</sup> Program have an opportunity to Subscribe to the first Community Solar project in Illinois. This project is already built and will be available to deliver power before any of the other community solar projects addressed by the timeline, above.*

The CS<sup>2</sup> Program Community Solar Pilot Project offers participants the following:

1. A twenty-year Subscription agreement to the first Community Solar project developed in Illinois;
2. Delivery of Subscription credits starting in Summer 2019;
3. A Subscription pricing structure that requires no down payment, and guarantees a fixed discount off the monthly ComEd Default rate;
4. The option to cancel the Subscription Agreement at any time without penalty with only thirty (30) days notice.

Participation in the CS<sup>2</sup> Program Community Solar Pilot Project is limited due to project size. This pilot project will also be the first project to test bill credit processes that are now being designed. Subscription to this project will be handled separately from the purchasing pool. Contact Mark Pruitt or Edith Makra for more information.

Thank you for being a part of the CS2 Program. Attached, in electronic form, you will find:

- The Agreement to participate in the Purchasing Pool. This must be executed and returned by August 16, 2019
- An invoice for your enrollment fee;
- The list of accounts recommended for enrollment in the purchasing pool;
- The full Community Solar Opportunity Assessment Report (provided previously).

Note that documents may conveniently be exchanged through our online form (Submittable). Please upload your executed agreement using the link provided in this email. You may also submit them to Edith Makra via conventional email.

For more information contact Edith Makra, Director of Environmental Initiative, 312-201-4506, [emakra@mayorscaucus.org](mailto:emakra@mayorscaucus.org) or contact Mark Pruitt, Principal, the Power Bureau, [markpruitt@thepowerbureau.com](mailto:markpruitt@thepowerbureau.com)

Sincerely,



David E. Bennett  
Executive Director



June 3, 2019

### Community Solar Clearinghouse Solutions Purchasing Pool Enrollment Agreement

Community Solar Clearinghouse Solutions (CS<sup>2</sup>) is a Program of the Metropolitan Mayors Caucus (Caucus) in partnership with The Power Bureau designed to bring the benefits of Community Solar to Caucus member municipalities and other local governments. The CS<sup>2</sup> Program will solicit competitive offers (Bidding Process) on behalf of members of the CS<sup>2</sup> program Purchasing Pool for Community Solar Subscriptions (Subscriptions) to new Community Solar assets located in Illinois. A Subscription provides monthly billing credits resulting in lower ComEd bills. If the Bidding Process is successful, then municipalities participating in the Purchasing Pool may elect to procure a portion of the electricity generated from one or more of these Community Solar assets selected through the Bidding Process for a period of up to 20 years.

**1. Roles of Participants.** The roles of the parties in CS<sup>2</sup> Program Purchasing Pool are described below.

**A. Metropolitan Mayor Caucus.** As sponsor of the CS<sup>2</sup> Program, the Caucus will represent the interests of participating municipalities and oversee the management of the Bidding Process. Specifically, the Caucus will:

1. Maintain a CS<sup>2</sup> Program webpage to communicate information about the procurement process, associated costs and benefits, educational resources and relevant timelines.
2. Collect, disseminate and manage all documents required for a municipality to enroll in the CS<sup>2</sup> Program. This will be done primarily through Submittable, a web-based service through which the Village of Beecher has Expressed Interest.
3. Collect enrollment fees from municipalities and local governments who have Expressed Interest and wish to participate in the Purchasing Pool.
4. Monitor the performance of the Program Manager (Power Bureau) to ensure the success of the Bidding Process and facilitate payment for services provided.

**Contact:**

Dave Bennett, Executive Director  
Metropolitan Mayors Caucus  
233 S. Wacker Drive, Suite 800, Chicago, IL 60606  
312-201-4505, [dbennett@mayorscaucus.org](mailto:dbennett@mayorscaucus.org)

Edith Makra, Director of Environmental Initiatives  
312-201-4506, [emakra@mayorscaucus.org](mailto:emakra@mayorscaucus.org)

**B. The Program Manager.** The Power Bureau will act as Program Manager for the CS<sup>2</sup> Program under the direction of the Caucus. For the Bidding Process, the Power Bureau will provide all necessary technical analyses, supplier outreach, bid evaluation, and pricing evaluation. Specifically, the Power Bureau will:

1. Utilize a Request for Qualifications (RFQ) process to identify the most qualified Approved Vendors that are licensed by the Illinois Power Agency to sell Subscriptions.
2. Utilize a Request for Pricing (RFP) process to request and receive pricing for Subscriptions, on behalf of the Purchasing Pool from Approved Vendors that are deemed as qualified through the RFQ process.
3. Negotiate Subscription Contract terms and conditions that are preferable to municipalities participating in the Purchasing Pool to accompany pricing generated through the RFP process.
4. Provide participating municipalities with technical analysis and recommendations concerning which accounts can achieve savings with Subscriptions. See Appendix A

**Contact:**

Mark Pruitt  
Principal, The Power Bureau  
219-921-3828, [markjpruitt@gmail.com](mailto:markjpruitt@gmail.com)

**C. Municipality's Role. The Village of Beecher will:**

1. Provide requested utility account and retail energy supply information to support financial analysis.
2. Identify a staff contact to administer participation in the CS<sup>2</sup> Program. Please correct contact information below, as needed.
3. Execute this Agreement and pay the enrollment fee **by August 16, 2019** to join the Purchasing Pool.
4. Evaluate the contract terms and pricing for Subscriptions resulting from the Bidding Process to determine whether to purchase Subscriptions under a separate agreement.

**Staff Contact:**

Robert Barber  
Village Administrator  
Village of Beecher  
7089462261.00, [bobadm@villageofbeecher.org](mailto:bobadm@villageofbeecher.org)

2. **Enrollment Fee.** A one-time Enrollment Fee is required to enroll accounts into the Purchasing Pool to cover initial CS<sup>2</sup> Program costs. Because the CS<sup>2</sup> Program allows communities to address sustainability goals of the Greenest Region Compact (GRC), enrollment fees are discounted for communities that have adopted the GRC and are dues-paying member of the Metropolitan Mayors Caucus. Caucus membership is restricted to municipalities only.

According to Caucus records, the Village of Beecher

Is a member of the Greenest Region Compact? yes

Is a dues-paying member of the Metropolitan Mayors Caucus? yes

The one-time enrollment fee for municipalities with 10 *or fewer* eligible small accounts is:

- o GRC Communities - \$200;
- o Communities that have not adopted the GRC or are not dues contributing members of the Mayors Caucus - \$400.

The one-time enrollment fee for municipalities with *more* than 10 eligible small accounts is:

- o GRC Communities - \$500;
- o Communities that have not adopted the GRC or are not dues contributing members of the Mayors Caucus - \$700.

Based on the above and 17 utility accounts recommended for inclusion in the Purchasing Pool identified in Appendix A, the Enrollment Fee for the Village of Beecher is \$500

Please pay the enrollment fee to the Metropolitan Mayors Caucus, 233 S. Wacker Drive, Suite 800, Chicago, IL 60606; Attention: CS<sup>2</sup>

- 3. Background.** The Future Energy Jobs Act (FEJA) created new incentives for the development of renewable energy assets in Illinois – including Community Solar. Community Solar refers to solar facilities that are shared by multiple consumers (called Subscribers) who receive credit on their electricity bills for their share of the power produced by the Community Solar facility. By claiming a portion of a large solar facility, Subscribers can access the benefits of solar without installing solar panels on their own property. Additionally, Subscribers avoid up-front costs and ongoing maintenance obligations while securing lower costs with economies of scale.

Community Solar facilities funded under the FEJA are limited to 4 MW in generating capacity and are to be developed and operated by non-utility owners. The projects are partly funded by the sale of the Renewable Energy Credits (REC) generated by the Community Solar facilities to the investor-owned utilities in Illinois (ComEd, Ameren Illinois and MidAmerican Energy). The remainder of the funding to support Community Solar development comes through the sale of Subscriptions. The CS<sup>2</sup> Program seeks to buy in bulk to reduce the cost of Subscriptions, maximize on-bill credits, and thereby deliver the highest cost savings for participating municipalities.

- 4. Terms of Service.** The start date of this Agreement is upon Acceptance by the Village of Beecher and will extend until August 31, 2019 or the date upon which final pricing resulting from the RFP process are made available by the Program Manager.

**This Purchasing Pool Enrollment Agreement (Agreement) between the Village of Beecher and the Caucus serves to include the utility accounts identified in Appendix A into the Purchasing Pool. The Caucus, through its Program Manager (the Power Bureau) will conduct a competitive Bidding Process to request and receive pricing for Subscriptions from qualified providers on behalf of municipalities participating in the Purchasing Pool. This Agreement does not obligate the Village of Beecher enter any Subscription agreements or undertake any activities outside of those identified in this Agreement.**

SIGNATURE PAGE

**This agreement must be executed and returned to the Caucus on or before August 16, 2019 with the payment for the enrollment fee.** Return by responding to the email sent on behalf of the Caucus through Submittable and uploading the Agreement as prompted, or directly to Edith Makra at [emakra@mayorscaucus.org](mailto:emakra@mayorscaucus.org)

Agreed and executed:

For the Village of Beecher

For the Metropolitan Mayors Caucus

\_\_\_\_\_  
Title

\_\_\_\_\_  
Executive Director

Title

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
David E. Bennett

Printed Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

**Appendix A**

CS2 Accounts to Enroll for Village of Beecher

**Appendix B**

Community Solar Subscription Opportunity Assessment for the Village of Beecher



Joseph T. Tamburino  
Mayor, Village of Hillside  
Executive Board Chairman

Vacant  
Executive Board 1<sup>st</sup> Vice Chairman

Kevin Wallace  
Mayor, Village of Bartlett  
Executive Board 2<sup>nd</sup> Vice Chairman

## INVOICE

June 3, 2019

Robert Barber  
Village Administrator  
Village of Beecher  
625 Dixie Highway  
P.O. Box 1154  
Beecher, IL 60401-1154

Community Solar Clearinghouse Solutions Program (CS<sup>2</sup>)  
Purchasing Pool Enrollment Fee

Fee calculation:

Number of accounts to enroll -	17
Greenest Region Compact member -	yes
Dues-paying member of the Metropolitan Mayors Caucus -	yes
Enrollment fee due	\$500

Please remit to:

Metropolitan Mayors Caucus  
233 S. Wacker Drive, Suite 800  
Chicago, IL 60606  
Attention: CS<sup>2</sup>

Edith Makra  
312-201-4506  
emakra@mayorscaucus.org

City of Chicago · DuPage Mayors and Managers Conference · Lake County Municipal League · McHenry County Council of Governments  
Metro West Council of Governments · Northwest Municipal Conference · South Suburban Mayors and Managers Association  
Southwest Conference of Mayors · West Central Municipal Conference · Will County Governmental League

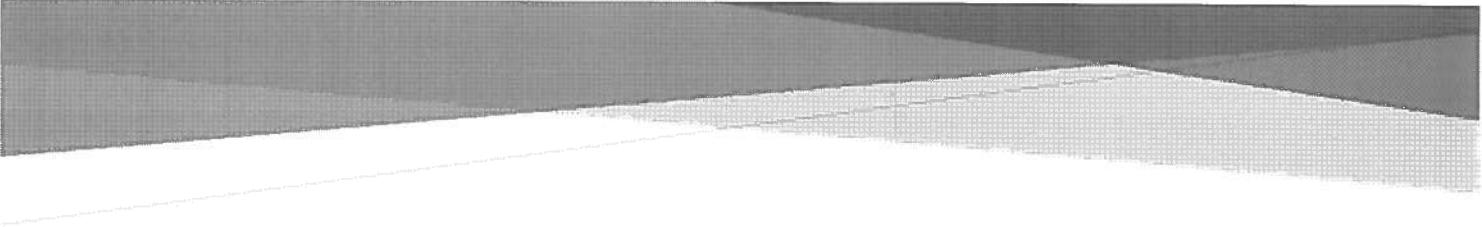
233 South Wacker Drive, Suite 800, Chicago, Illinois 60606  
Tel: 312.201.4505 Fax: 312.454.0411  
[www.mayorscaucus.org](http://www.mayorscaucus.org)

## Village of Beecher

Account Number	Annual kWh	Recommendation for inclusion in CS2 Program Request for Pricing	Potential Annual Savings for Municipality (Low Range)	Potential Annual Savings for Municipality (High Range)
0036001046	93,600	Yes. Savings are likely.	\$309	\$926
0120148147	91,589	Yes. Savings are likely.	\$302	\$906
0409100045	257,136	No. Savings are unlikely.	-	-
0771133030	8,129	Yes. Savings are likely after retail contract expires.	\$27	\$80
0925044006	3,155	Yes. Savings are likely.	\$10	\$31
0933346000	786	Yes. Savings are likely after retail contract expires.	\$3	\$8
0959310000	760,035	No. Savings are unlikely.	-	-
1186136015	10,183	Yes. Savings are likely after retail contract expires.	\$34	\$101
1186297031	47,268	Yes. Savings are likely after retail contract expires.	\$156	\$468
1187165038	37,380	Yes. Savings are likely after retail contract expires.	\$123	\$370
1346286003	40,740	Yes. Savings are likely after retail contract expires.	\$134	\$403
1935239018	11,029	Yes. Savings are likely.	\$36	\$109
2523087187	6,357	Yes. Savings are likely.	\$21	\$63
3243132080	42,840	Yes. Savings are likely.	\$141	\$424
3587097008	24	Yes. Savings are likely after retail contract expires.	\$0	\$0
3635147039	24	Yes. Savings are likely after retail contract expires.	\$0	\$0
3756155006	108,780	Yes. Savings are likely.	\$359	\$1,076
4392026054	1,513	Yes. Savings are likely after retail contract expires.	\$5	\$15
6083107042	66,192	Yes. Savings are likely after retail contract expires.	\$202	\$606
6771169036	37,966	No. Savings are unlikely.	-	-
<b>Total</b>			<b>\$1,862</b>	<b>\$5,585</b>

Number of accounts recommended for inclusion in the CS2 Program Request for Pricing

17



# COMMUNITY SOLAR SUBSCRIPTION OPPORTUNITY ASSESSMENT: VILLAGE OF BEECHER

Community Solar Clearinghouse Solution Program  
by the Metropolitan Mayors Caucus

## Abstract

This analysis identifies which Commonwealth Edison utility accounts currently serving municipal facilities can achieve cost savings with Community Solar Subscriptions



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**EXECUTIVE SUMMARY**

The Metropolitan Mayors Caucus (MMC) is assisting local governments to support renewable energy development and secure energy cost savings through the Community Solar Clearinghouse Solution (CS<sup>2</sup>) Program. This report presents the potential benefits of Community Solar for accounts identified by the Village of Beecher.

WHAT IS THE CS<sup>2</sup> PROGRAM? The CS<sup>2</sup> Program provides municipalities with access to new Community Solar resources by providing:

- **Analysis.** Identify Community Solar subscriptions that generate long-term cost savings.
- **Competitive Procurement.** Conduct one or more competitive solicitations to select Community Solar resources to provide Subscriptions at a uniform price to municipalities.
- **Ongoing Management.** Facilitate program billing and reporting throughout the terms of their Community Solar Subscriptions.

WHAT IS COMMUNITY SOLAR? Community Solar allows municipalities to offset all or a portion of their electricity consumption with electricity generated by shared solar resources. Community Solar is a simple alternative to rooftop solar:

- **No Capital Cost/Guaranteed Savings.** Community Solar operates on a pay-as-you-go basis that also guarantees a discount to the ComEd default rates.
- **No Equipment or Construction.** Community Solar does not require the complication of installing solar panels on municipal facility roofs.
- **Value for Franchise Facilities.** Community Solar can generate billing credits for accounts serving Franchise facilities that can be applied to other municipal accounts.
- **Blends with On-Site Solar.** Community Solar Subscriptions bring benefits even if solar panels are installed at some point in the future.

WHAT BENEFITS HAS THE CS<sup>2</sup> PROGRAM IDENTIFIED?

Figure 1 conveys the results of an analysis showing that with Community Solar the Village could:

- Meet 35.1% of annual electricity consumption (569,589 kWh) at municipal facilities.
- Save between \$1,862 and \$5,585 in annual electricity costs (compared to the ComEd Default supply rate); and,
- Support 356 kW of new solar capacity in Illinois.

We encourage the Village to identify all utility accounts (Default, Franchise, and Retail) accounts for analysis by the CS<sup>2</sup> Program.

FIGURE 1: POTENTIAL FOR COMMUNITY SOLAR WITH MUNICIPAL ACCOUNTS

Municipality	Community Solar Subscription Potential				Annual Cost Savings	
	Consumption of Municipal Facilities (kWh/Year)	Community Solar Subscription (kWh/Year)	Subscription as % of Municipal Load	Community Solar Generating Capacity (kW)	Low Estimate	High Estimate
<b>Village of Beecher</b>	1,624,726	569,589	35.1%	356	\$1,862	\$5,585
<b>Equivalent:</b>	~207 Single Family Homes in the ComEd Region	~73 Single Family Homes in the ComEd Region		~496 Tons Annual CO <sub>2</sub> Emissions	5% discount to the ComEd Default Supply Rate	15% discount to the ComEd Default Supply Rate

## BACKGROUND

The Future Energy Jobs Act (FEJA) created new incentives for the development of renewable energy assets in the Commonwealth Edison (ComEd) service region. This analysis identifies how Community Solar (a new approach to delivering renewable energy to consumers authorized by FEJA) can allow your municipality to access solar energy generated from remote solar farms and achieve cost savings.

**COMMUNITY SOLAR.** Community Solar refers to mid-sized solar facilities that are shared by multiple consumers (called 'Subscribers') who receive credit on their electricity bills for their share of the power produced by the Community Solar facility. By claiming a portion of a large solar facility, Subscribers can access the benefits of solar without installing solar panels on their own property. Additionally, Subscribers avoid up-front costs and

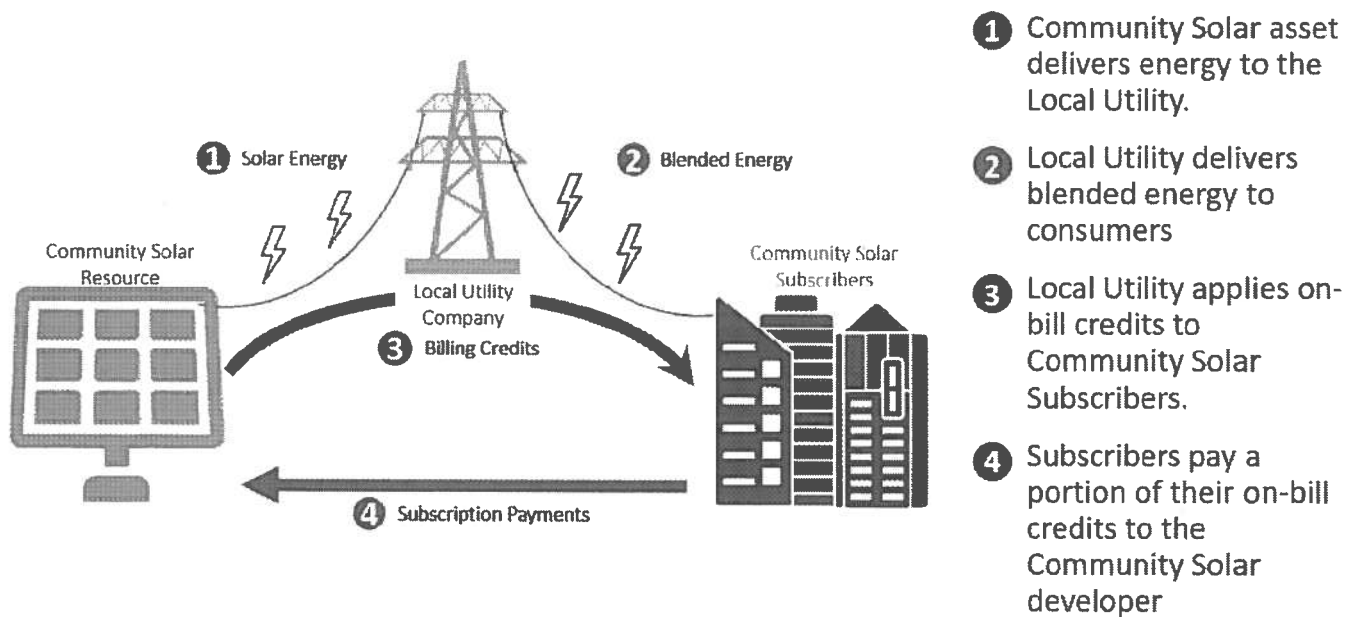
ongoing maintenance obligations while securing lower costs with economies of scale.

Figure 2 conveys how Community Solar works.

**COMMUNITY SOLAR IN ILLINOIS.** With FEJA Illinois joins over 40 other states where Community Solar facilities operate<sup>1</sup> by requiring ComEd to connect Community Solar facilities to the distribution system, and to apply on-bill credits to Subscribers for their share of the energy generated by the new Community Solar facilities.

Community Solar facilities under the FEJA are limited to 4 MW in generating capacity and are to be developed and operated by non-utility owners. As in other states, the cost of developing Community Solar facilities is financed through a combination of federal, state, and utility incentives along with revenues related to the sale of electricity to Subscribers.

FIGURE 2: HOW COMMUNITY SOLAR WORKS



<sup>1</sup> Solar Energy Industries Association (<https://www.seia.org/initiatives/community-solar>)

**ECONOMICS OF COMMUNITY SOLAR**

Community Solar in Illinois not only provides consumers with new access to solar and increases the portion of renewable energy in the regional grid – it also provides municipalities with an opportunity to reduce total energy costs. For municipalities, the savings opportunity presented by Community Solar is driven by the balance between Subscription Cost and Subscription Value. **Based on this, it is important to note that not all utility accounts can generate cost savings with Subscriptions.**

SUBSCRIPTION COSTS. Figure 3 conveys how Community Solar development costs are supported by incentives and Subscription revenues. Based on current industry averages and incentives, Community Solar facilities in Illinois can be developed and operated over the long term if they are supported by Subscriptions with a net value of between \$0.0463 and \$0.0616 per kWh. These low Subscription costs are attainable if a Community Solar facility is granted a long-term contract by the

Illinois Power Agency (IPA) to sell the Solar Renewable Energy Credits (SRECs) generated by the Community Solar facility (see item G in Figure 2).

Approximately seventy-five (75) Community Solar facilities will receive long-term SREC contracts in the ComEd service region. The IPA will select Community Solar facilities for funding through a lottery process to be completed in February 2019. Once the lottery process is completed, the approved Community Solar facilities are expected to be built and operational between late 2019 and mid-2020.

In order to qualify to receive a long-term SREC contract a Community Solar facility must have Subscribers that commit to purchase the output from the Community Solar facilities in return for on-bill credits.

SUBSCRIPTION VALUE. Subscription value is a function of a Subscriber’s account size and electricity supply arrangements. Figure 4 conveys how a Community Solar Subscription (Column A) with a cost of \$0.05/kWh can yield different Subscription Credits

FIGURE 3: COMMUNITY SOLAR COST AND INCENTIVE STRUCTURES AND RESULTING RANGE OF SUBSCRIPTION COSTS

Cost Element	Calculation	Low Range (\$/kWh)	High Range (\$/kWh)
<b>Cost to Build Community Solar</b>			
Capital & Development (land, equipment, interconnection)	A	\$0.1300	\$0.1400
Operations (maintenance, taxes, refurbishments)	B	\$0.0250	\$0.0350
Transactions (Subscriber & bill credit management)	C	\$0.0150	\$0.0150
<b>Community Solar Development Cost Subtotal</b>	<b>D = A + B + C</b>	<b>\$0.1700</b>	<b>\$0.1900</b>
<b>Incentives to Support Community Solar</b>			
Investment Tax Credit (Federal)	E	\$0.0390	\$0.0420
Accelerated Depreciation (Federal)	F	\$0.0221	\$0.0238
Solar Renewable Energy Credits (Illinois Power Agency)	G	\$0.0540	\$0.0540
Inverter Rebate (Utility)	H	\$0.0086	\$0.0086
<b>Community Solar Development Incentives Subtotal</b>	<b>I = E + F + G + H</b>	<b>\$0.1237</b>	<b>\$0.1284</b>
<b>Net Revenue Requirement from Energy Sales</b>			
<b>Subscription Cost Range</b>	<b>J = D - I</b>	<b>\$0.0463</b>	<b>\$0.0616</b>

(Column E) based on account size (i.e. smaller or larger than 100 kW annual peak demand) and energy commodity supplier (i.e. ComEd through a default tariff or a Retail Energy Supplier).

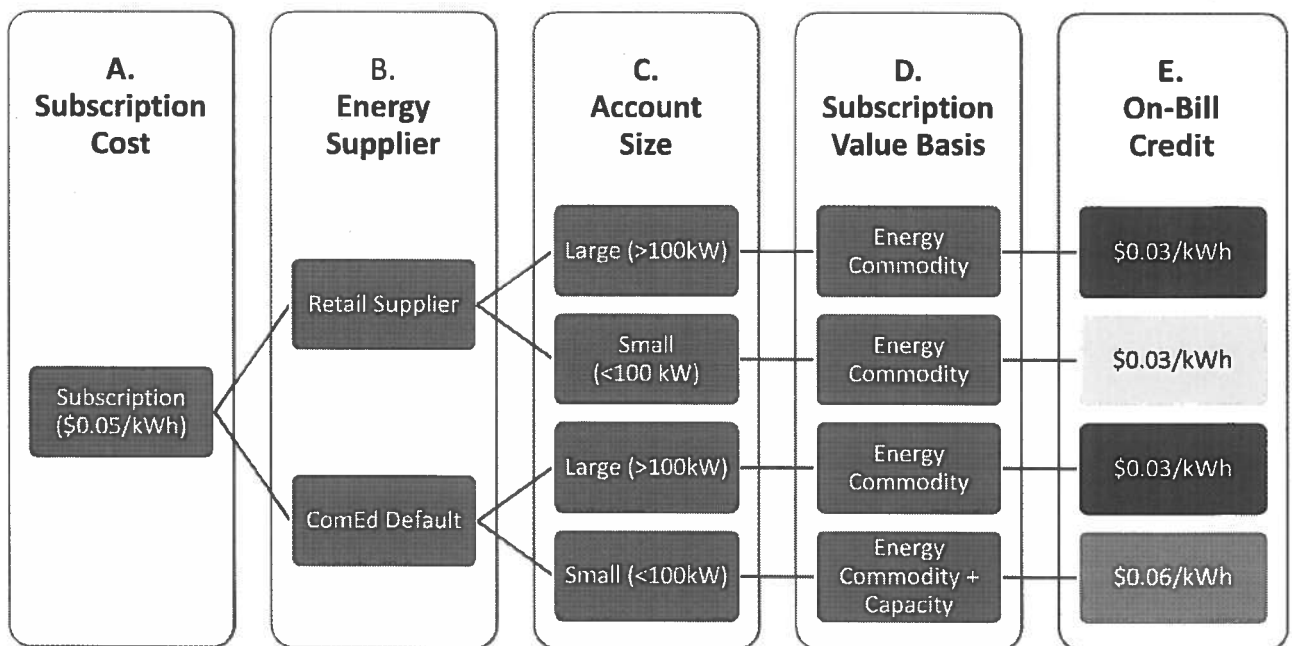
We note the following general observations regarding Subscription Values for various account sizes and supplier arrangements.

- Large utility accounts (i.e. accounts with peak demand higher than 100 kW, indicated in Red) purchasing energy supply from either a retail energy supplier or ComEd will only receive Subscription credits equivalent to the wholesale price of the energy commodity (approximately \$0.03/kWh). ***This indicates that large accounts – regardless of energy supply provider – are not likely to receive cost-savings from a Community Solar Subscription.***
- Small utility accounts purchasing energy supply from ComEd (i.e. accounts with peak demand less than 100 kW, indicated in Green) will receive

Subscription credits valued at the wholesale price of energy commodity plus the price of energy capacity (a total of approximately \$0.06/kWh). ***This indicates that small default rate accounts are very likely to receive cost-savings from a Community Solar Subscription. For Franchise or Zero-Bill accounts, on-bill credits will accumulate and can be transferred to other ComEd accounts carrying balances.***

- Small utility accounts purchasing energy supply from a retail energy supplier (i.e. accounts with peak demand less than 100 kW, indicated in yellow) will receive Subscription credits equivalent to the wholesale price of the energy commodity (approximately \$0.03/kWh). ***This indicates that small retail supply accounts are not likely to receive cost-savings from a Community Solar Subscription – unless they are transferred back to ComEd Default service.***

FIGURE 4: COMMUNITY SOLAR SUBSCRIPTION VALUE DIFFERS BASED ON MULTIPLE VARIABLES



**CS<sup>2</sup> PROGRAM**

The Board of the Metropolitan Mayors Caucus (MMC) has approved the creation of the Community Solar Clearinghouse Solution (CS<sup>2</sup>) Program to assist members in maximizing their Community Solar Subscription potential. Specifically, the CS<sup>2</sup> Program seeks to facilitate the following:

- **Sustainability Goals.** The CS<sup>2</sup> Program can help municipalities meet clean energy goals by connecting municipal facilities to Community Solar facilities in Illinois with Subscription.
- **Achieving Cost Savings.** The CS<sup>2</sup> Program can help municipalities reduce the cost of operating municipal facilities by Subscribing some ComEd accounts to cost-competitive Community Solar Facilities.

To accomplish these goals, the CS<sup>2</sup> Program will provide the following services to MMC members.

- **Account Analysis.** The CS<sup>2</sup> Program will provide interested municipalities with analyses (such as

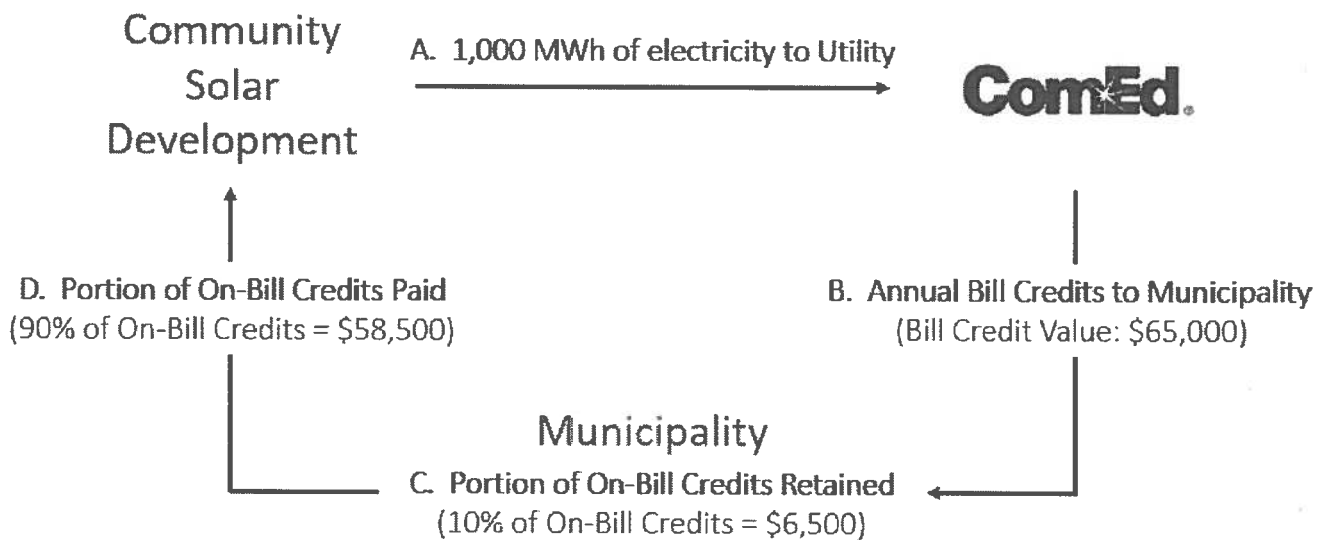
this analysis) to identify which ComEd accounts serving can generate cost savings.

- **Procurement.** The CS<sup>2</sup> Program will conduct a competitive solicitation on behalf of interested municipalities to select specific Community Solar facilities to provide Subscriptions at a uniform price after the IPA has finalized its lottery process.
- **Management.** The CS<sup>2</sup> Program will provide members with ongoing support throughout the terms of their Community Solar Subscriptions.

The MMC has retained The Power Bureau to assist in the development and management of the CS<sup>2</sup> Program on a Shared Savings model. Through the Shared Savings model, the cost of Community Solar Subscriptions will be paid by sharing the On-Bill credits provided through ComEd between the municipality and the Community Solar facility.

Figure 5 conveys the general agreement structure for CS<sup>2</sup> Program participants.

FIGURE 5: ANTICIPATED CS<sup>2</sup> PROGRAM COMMUNITY SOLAR SUBSCRIPTION STRUCTURE



## INITIAL ACCOUNT ANALYSIS

This report provides an initial analysis of the ComEd accounts provided by your municipality to the CS<sup>2</sup> Program. The results of the account analysis are contained in Attachment A and are arranged with the following information:

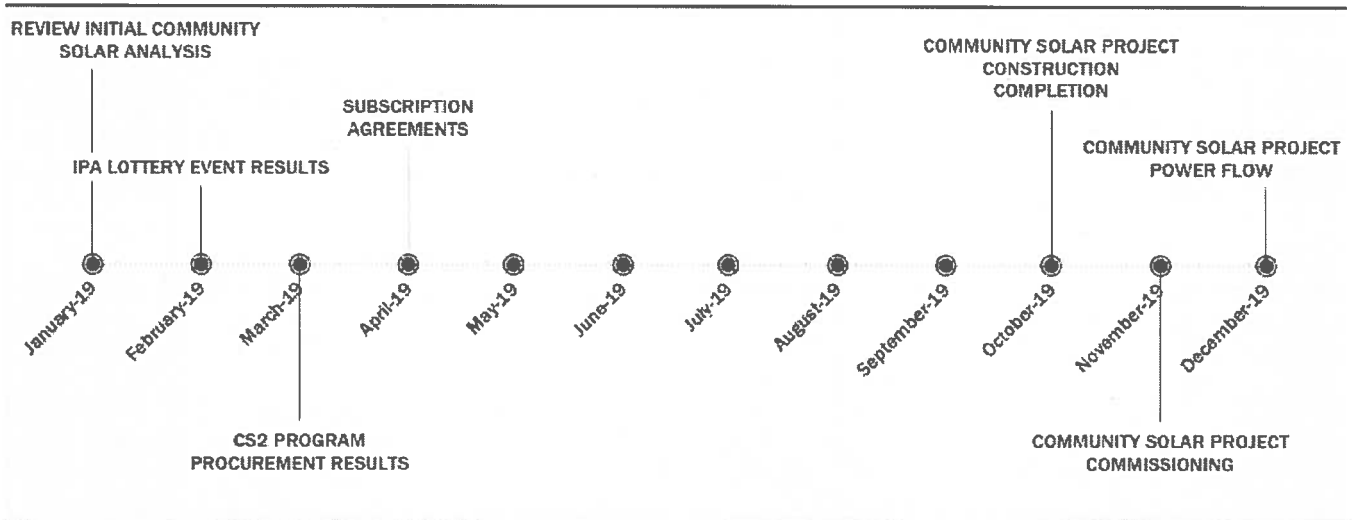
- **Account Number.** The 10-digit number assigned by ComEd to the municipal account. The account number allowed The Power Bureau to access account attribute and the historical consumption data through the ComEd Power Path website regardless of whether the account was served by a retail energy supplier or through the ComEd Default service.
- **ComEd Tariff.** The tariff designation for the specific account for the most recent billing cycle. Knowing the ComEd tariff tells us whether a retail energy supplier or ComEd provides energy supply for the account as well as the size of the account.
- **Annual kWh.** The volume of metered electricity consumption for the account over the past twelve (12) billing cycles according to the ComEd PowerPath website.
- **Recommendation for Community Solar Subscription.** An indication of whether the account is suitable for a Community Solar Subscription that generates cost savings for the municipality. Recommendations include:
  - **Suitable.** Accounts with appropriate size and tariff that will generate cost savings with a Community Solar Subscription.
  - **Possible Subscription.** Accounts of appropriate size but with a tariff placement that would prevent cost savings with a Community Solar Subscription. Transferring these accounts back to ComEd Default service would increase the value of a Community Solar Subscription and generate cost savings for the municipality.
  - **No Subscription.** Accounts that are of a size (>100 kW peak demand) or tariff (i.e. Hourly Energy pricing, Dusk to Dawn Streetlighting) that prevent cost savings with a Community Solar Subscription.
- **Annual Subscription Volume (kWh).** The maximum potential annual Community Solar Subscription volume that could be applied to the account to generate cost savings.
- **Subscription as % of Total Municipal Load.** The % of the municipality's total annual electricity load (as defined by the accounts provided) represented by the identified level of Annual Subscriptions.
- **Total Annual Value of On-Bill Credits.** The value of the Annual Subscriptions based on the current ComEd tariff (energy supply + capacity). This represents the value of all on-bill credits applied by ComEd over the course of a year to the specified account based on historical consumption and current energy supply and capacity values.
- **Net Annual Savings Retained by Municipality (Low Range).** The low-end estimate of value of on-bill credits retained by the municipality over the course of a year after splitting on-bill credits with the Community Solar Facility.
- **Net Annual Savings Retained by Municipality (High Range).** The high-end estimate of value of on-bill credits retained by the municipality over the course of a year after splitting on-bill credits with the Community Solar Facility.

## NEXT STEPS

This Initial Cost Analysis report is for informational purposes only and does not obligate your municipality to any Community Solar Agreements. If your municipality is interested in pursuing Community Solar Subscriptions, we recommend the following next steps for your consideration.

FIGURE 6: ANTICIPATED CS<sup>2</sup> PROGRAM TIMELINE

## CS<sup>2</sup> Program Timeline



- **Review Initial Analysis Results (January 2019).** Identify whether we missed any of your municipal accounts. If more accounts require analysis, simply forward that information to The Power Bureau at the email address provided in the 'For Further Information' section. If your municipal leaders want to discuss the Community Solar Subscription opportunity, please contact Mark Pruitt at 219/921-3828 to schedule a convenient time for a meeting or conference call.
- **Illinois Power Agency Lottery Results (February 2019).** The IPA will select Community Solar projects for approval through a lottery process.
- **CS<sup>2</sup> Program Procurement (March 2019).** Once we know which Community Solar facilities have been approved, the CS<sup>2</sup> Program will solicit pricing offers on behalf of interested municipalities.
- **Subscription Agreements (April 2019).** Municipalities will be invited to accept or reject the Community Solar Subscription offers from the Community Solar developers selected through the competitive solicitation process.
- **Community Solar Project Construction (October 2019).** Community Solar facilities require approximately six (6) months to complete construction.
- **Community Solar Project Commissioning (November 2019).** The Community Solar projects must be commissioned by ComEd prior to delivering energy to the regional grid. The timing of this phase is completely controlled by ComEd.
- **Community Solar Project Power Flow (December 2019).** The Community Solar projects begin delivering energy to the regional grid. On-bill credits begin to appear on Subscribed accounts.

### FOR FURTHER INFORMATION

To receive more information concerning this initial analysis or the CS<sup>2</sup> Program please contact:

**Mark Pruitt**  
**The Power Bureau**  
[markpruitt@thepowerbureau.com](mailto:markpruitt@thepowerbureau.com)  
**219/921-3828**

Attachment A: Account Analysis

Municipal Accounts Analyzed

**Accounts Evaluated for Community Solar Subscriptions**

Account Number	Name	Address
0036001046	Village of Beecher	1475 Rolling Pass
0120148147	Village of Beecher	638 Gould St
0409100045	Village of Beecher	1668 Woodbury Bend Lite
0771133030	Village of Beecher	620 Reed St
0925044006	Village of Beecher	0 S Fairway Dr.
0933346000	Village of Beecher	1 S Ahrens Dr
0959310000	Village of Beecher	625 Dixie Hwy
1186136015	Village of Beecher	380 Ahrens Dr
1186297031	Village of Beecher	625 Dixie Hwy
1187165038	Village of Beecher	30300 Towncenter Rd
1346286003	Village of Beecher	724A Penfield
1935239018	Village of Beecher	711 Penfield St
2523087187	Village of Beecher	300 Miller St
3243132080	Village of Beecher	30200 Cardinal Creek BLFD
3587097008	Village of Beecher	3E Dixie Hwy
3635147039	Village of Beecher	628 Gould St
3756155006	Village of Beecher	1 Roman Rd
4392026054	Village of Beecher	638 Gould St
6083107042	Village of Beecher	1260 E Dixie Hwy
6771169036	Village of Beecher	0 Dixie Highway Lite

Metropolitan Mayors Caucus: CS<sup>2</sup> Program for Community Solar

## Village of Beecher

		Potential Community Solar Subscription Savings Analysis Results						
Account Number	ComEd Tariff	Annual kWh	Recommendation for Community Solar Subscription <sup>1</sup>	Annual Subscription Volume (kWh)	Subscription as % of Total Municipal Load	Total Annual Value of On-Bill Credits <sup>2</sup>	Net Annual Savings Retained by Municipality <sup>3</sup> (Low Range)	Net Annual Savings Retained by Municipality <sup>4</sup> (High Range)
0036001046	R73	93,600	Possibly Suitable for Subscription (If Retail Supply Price > \$0.063/kWh)	93,600	5.76%	\$6,172	\$309	\$926
0120148147	R73	91,589	Possibly Suitable for Subscription (If Retail Supply Price > \$0.063/kWh)	91,589	5.64%	\$6,039	\$302	\$906
0409100045	R81	257,136	Unsuitable for Subscription (Subscription Price > Subscription Credit Value)	-	-	-	-	-
0771133030	B73	8,129	Suitable for Subscription (Fixed Default + Subscription yields cost savings)	8,129	0.50%	\$536	\$27	\$80
0925044006	R73	3,155	Possibly Suitable for Subscription (If Retail Supply Price > \$0.063/kWh)	3,155	0.19%	\$208	\$10	\$31
0933346000	B73	786	Suitable for Subscription (Fixed Default + Subscription yields cost savings)	786	0.05%	\$52	\$3	\$8
0959310000	R74	760,035	Unsuitable for Subscription (Subscription Price > Subscription Credit Value)	-	-	-	-	-
1186136015	B73	10,183	Suitable for Subscription (Fixed Default + Subscription yields cost savings)	10,183	0.63%	\$671	\$34	\$101
1186297031	B73	47,268	Suitable for Subscription (Fixed Default + Subscription yields cost savings)	47,268	2.91%	\$3,117	\$156	\$468
1187165038	B73	37,380	Suitable for Subscription (Fixed Default + Subscription yields cost savings)	37,380	2.30%	\$2,465	\$123	\$370
1346286003	B73	40,740	Suitable for Subscription (Fixed Default + Subscription yields cost savings)	40,740	2.51%	\$2,686	\$134	\$403
1935239018	R73	11,029	Possibly Suitable for Subscription (If Retail Supply Price > \$0.063/kWh)	11,029	0.68%	\$727	\$36	\$109
2523087187	R73	6,357	Possibly Suitable for Subscription (If Retail Supply Price > \$0.063/kWh)	6,357	0.39%	\$419	\$21	\$63
3243132080	R73	42,840	Possibly Suitable for Subscription (If Retail Supply Price > \$0.063/kWh)	42,840	2.64%	\$2,825	\$141	\$424
3587097008	B69	24	Suitable for Subscription (Fixed Default + Subscription yields cost savings)	24	0.00%	\$2	\$0	\$0
3635147039	B69	24	Suitable for Subscription (Fixed Default + Subscription yields cost savings)	24	0.00%	\$2	\$0	\$0
3756155006	R73	108,780	Possibly Suitable for Subscription (If Retail Supply Price > \$0.063/kWh)	108,780	6.70%	\$7,173	\$359	\$1,076
4392026054	B72	1,513	Suitable for Subscription (Fixed Default + Subscription yields cost savings)	1,513	0.09%	\$99	\$5	\$15
6083107042	B85	66,192	Suitable for Subscription (Fixed Default + Subscription yields cost savings)	66,192	4.07%	\$4,039	\$202	\$606
6771169036	R83	37,966	Unsuitable for Subscription (Subscription Price > Subscription Credit Value)	-	-	-	-	-
<b>TOTAL/AVERAGE</b>		<b>1,624,726</b>		<b>569,589</b>	<b>35.06%</b>	<b>\$37,232</b>	<b>\$1,862</b>	<b>\$5,585</b>

Metropolitan Mayors Caucus: CS<sup>2</sup> Program for Community Solar

<sup>1</sup> Recommendations fall into the following categories:

'Suitable for Subscription' = Accounts that can generate cost savings with a Community Solar Subscription.

'Possibly Suitable for Subscription' = Accounts that can generate cost savings with a Community Solar Subscription *if* the account is returned to Fixed Default rates with ComEd.

'Unsuitable for Subscription' = Accounts that cannot generate cost savings with a Community Solar Subscription.

'No Recommendation' = No recommendation was possible as account data was not accessible through ComEd Powerpath.

<sup>2</sup> Total Annual Value of On-Bill Credits = The recommended annual community solar subscription volume (kWh) multiplied by current ComEd Default Purchased Electricity Charge (\$/kWh) for each account on the ComEd Fixed Default tariff. This is the total value of the on-bill credits that ComEd would apply to the account's billing statements, and would be split between the municipality and the Community Solar Developers selected through the CS<sup>2</sup> Program.

<sup>3</sup> Net Annual Savings Retained by Municipality (Low Range) = Total Value of On-Bill Credits multiplied by 5%, representing the Low Range estimated value that the municipality would retain with a Community Solar subscription depending on the the final results of the CS<sup>2</sup> Program procurement.

<sup>4</sup> Net Annual Savings Retained by Municipality (High Range) = Total Value of on-bill Credits multiplied by 15%, representing the High Range estimated value that the municipality may retain with a Community Solar subscription depending on the the final results of the CS<sup>2</sup> Program procurement.

GENERATOR TECHNOLOGIES, INC.

# Invoice

PO BOX 176  
 STEGER, IL 60475  
 (708) 672-6251  
 www.generatortec.com

Date	Invoice #
6/10/2019	24744

Bill To
VILLAGE OF BEECHER MATT CONNER

P.O. No.	Terms	Project
SW/AP		

Quantity	Description	Rate	Amount
	<p>LABOR FOR ELECTRICAL WORK PERFORMED:</p> <ol style="list-style-type: none"> <li>1. Install Siemens 200 Amp, 40 Circuit Load Center with new wire feeder wires replaced 120/240 single phase from existing meter socket.</li> <li>2. Install LED wall pack lights on North, East, South and West wall of exterior of building (one per side) with photo cell</li> <li>3. Install 120 Volt outlets for garage door openers</li> <li>4. Install (6) 20 Amp receptacles on North side of shop</li> <li>5. Install (6) 20 Amp receptacles on South side of shop</li> <li>6. Install (2) outdoor GFCI on South end of building with bubble covers</li> <li>7. Wire hanging furnaces 120 Volt @ both ends of shop</li> <li>8. Install owner provided High Bay Lighting with L5-15P receptacles and junction box.</li> <li>9. Install 3 Way switch at East and West Service doors of shop.</li> </ol>	9,500.00	9,500.00
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <p>Now accepting Credit Cards:                      Visa/Mastercard &amp; Discover                      WITH a 2% Surcharge                      Prefer email? Provide email for                      convenient service:                      tcook@generatortec.com                      Fax: 708.672.6273</p> </div>			
THANK YOU FOR CHOOSING GENERATOR TECHNOLOGIES:)		<b>Total</b>	\$9,500.00



# Village of Beecher

## Police Department

**MEMO**

---

**To:** Village President and Trustees

**From:** Chief Smith

**Date:** 06/20/19

**Message:** Request for authorization for squad car

Request for authorization to purchase one (1) 2019 Dodge Ram 1500 SSV. The purchase for the request is not to exceed \$28,000 for the vehicle from Napleton Fleet Group through the NWMC Purchasing Cooperative.

The specifications for the vehicle are attached to this cover sheet.

# 2019 RAM 1500 4x4 Crew Cab Pickup, 5.5' bed 140" wb Tradesman (SSV)

## Standard Equipment

### Powertrain

- 5.7L V-8 OHV SMPI 16 valve engine with variable valve control, variable intake length, cylinder deactivation
- 180 amp alternator
- 730 amp battery
- Engine oil cooler, HD transmission oil cooler
- 8-speed electronic sequential shift control automatic transmission with overdrive, lock-up, rotary dial electronic shifter
- Part-time four-wheel drive with shift-on-the-fly
- ABS & driveline traction control
- 3.21 axle ratio
- Stainless steel exhaust

### Steering and Suspension

- Electric power-assist rack and pinion steering
- 4-wheel disc brakes with front vented discs
- Electronic stability control
- Independent front suspension
- Front short and long arm suspension
- Front anti-roll bar
- Front coil springs
- HD front shocks
- Rigid rear axle
- Rear multi-link suspension
- Rear anti-roll bar
- Rear coil springs
- HD rear shocks
- Front and rear 17.0" x 7.00" argent styled steel wheels with center caps
- P265/70R17 BSW AS front and rear tires
- Underbody with crank-down mounted full-size spare tire on steel spare wheel

### Safety

- 4-wheel anti-lock braking system
- Center high mounted stop light
- Dual front airbags, seat-mounted front seat side-impact airbags, 1<sup>st</sup> row and 2<sup>nd</sup> row side curtain airbags
- Front height adjustable seatbelts with front pre-tensioners
- Immobilizer, panic alarm
- Rear Back-up camera
- Tire pressure monitoring display

### Comfort and Convenience

- Air conditioning, under seat ducts, console ducts
- AM/FM/Satellite-prep, clock, seek-scan, external memory control, 6 speakers, fixed antenna
- Cruise control with steering wheel controls
- Power door locks with 2-stage unlock, key fob (all doors) keyless entry, child safety rear door locks, tailgate & rear door lock included with power door locks
- Two 12V DC power outlets, retained accessory power, one AC power outlet
- Analog instrumentation display includes tachometer, oil pressure gauge, engine temperature gauge, voltmeter gauge, oil temperature gauge, transmission fluid temp gauge, engine hour meter, systems monitor, trip odometer
- Warning indicators include engine temperature, lights on, key, low fuel, low washer fluid, door ajar, brake fluid, tire specific low tire pressure, transmission fluid temp
- Tilt steering column
- Power front and rear windows with deep tint, driver and passenger 1-touch down
- Variable intermittent front windshield wipers
- Day-night rearview mirror
- Interior lights include dome light with fade, illuminated entry. No courtesy lights. Dome light actuated only by rocker switch on light base not actuated by cab doors
- Glove box, front and rear cup holders, instrument panel bin, dashboard storage, driver and passenger door bins, rear door bins, 2<sup>nd</sup> row under seat storage
- Cargo concealed storage

## Seating and Interior

- Seating capacity of 5
- Bucket front seats with adjustable head restraints, bare painted metal floor between bucket seats with exposed wiring harnesses and electrical components
- 8-way adjustable (8-way power) driver seat includes power 2-way lumbar support
- 4-way adjustable passenger seat
- Full folding rear bench seat with fold-up cushion, 3 adjustable rear head restraints, center armrest
- Cloth faced front seats with cloth back material
- Vinyl rear seat with carpet back material
- Full cloth headliner, full black vinyl floor covering, sound insulation, metal-look instrument panel insert, urethane gear shift knob, chrome and metal-look interior accents

## Exterior Features

- Side impact beams, front license plate bracket, galvanized steel/aluminum body material
- Black side window moldings, black front windshield molding
- Black door handles
- Black grille
- 4 doors with locking tailgate
- Spray-in bed liner
- Class IV receiver hitch, trailer harness, trailer hitch, trailer sway control
- Driver and passenger power remote black heated folding outside mirrors
- Fixed rear window
- Front and rear black bumpers, with front black rub strip/fascia accent, rear step bumper
- Aero-composite halogen fully automatic headlamps with multiple headlamps, delay-off feature
- Additional exterior lights include pickup cargo box light, remote activated perimeter/approach lights
- Clear coat monotone paint

## Dimensions and Capacities

Output.....	395 hp @ 5,600 rpm	Front legroom.....	41.0 "
Torque.....	410 lb.-ft. @ 3,950 rpm	Rear legroom.....	40.3 "
Drag coefficient.....	.42	Front headroom.....	41.0 "
1st gear ratio.....	4.710	Rear headroom.....	39.9 "
2nd gear ratio.....	3.140	Front hiproom.....	63.2 "
3rd gear ratio.....	2.100	Rear hiproom.....	63.2 "
4th gear ratio.....	1.670	Front shoulder room.....	66.0 "
6th gear ratio.....	1.000	5th gear ratio.....	1.290
7 <sup>th</sup> gear ratio.....	.840	Rear shoulder room.....	65.7 "
8 <sup>th</sup> gear ratio.....	.670	Passenger area volume.....	125.3 cu.ft.
Reverse gear ratio.....	3.300	Length.....	229.0 "
City/hwy.....	15 mpg/21 mpg	Body width.....	79.4 "
Curb weight.....	5,422 lbs.	Body height.....	77.5 "
GVWR.....	6,800 lbs.	Wheelbase.....	140.0 "
Front GAWR Weight.....	3,900 lbs.	Cab to axle.....	28.0 "
Rear GAWR Weight.....	3,900 lbs.	Axle to end of frame.....	48.4 "
Payload.....	1,430 lbs.	Front track.....	68.2 "
Front curb weight.....	3,128 lbs.	Rear track.....	67.5 "
Rear curb weight.....	2,294 lbs.	Turning radius.....	22.7 "
Front axle capacity.....	3,900 lbs.	Fuel tank.....	26.0 gal.
Rear axle capacity.....	3,900 lbs.	Exterior cargo length.....	67.4 "
Towing capacity.....	8,070 lbs.	Exterior cargo maximum width.....	66.4 "



**WIRKUS PAVING CO. 708-946-2683**  
**P.O. BOX 437 FAX 708-946-2754**  
**STEGER, IL 60475**  
**PROPOSAL**

<b>Submitted to:</b>	<b>Performed At:</b>
Matt Conner Public Works Sup. Beecher IL 60401	Various Areas in Beecher

This Contract is for the services and/or products of WIRKUS PAVING COMPANY (hereinafter referred to as "WIRKUS") and the undersigned (hereinafter referred to as the "customer"), which is according to the terms and conditions set forth herein. Any conversations or agreements to the contrary are superseded by the terms of this written agreement, which is the full, final expression of the intention of the parties hereto.

WHEREFORE, WIRKUS proposed to furnish the following materials and perform all of the labor necessary for the completion of the work:

Patching various location APPROX 10,265 SQFT
Patches will be removed to a depth of 4 inches
2.5 inches of binder when compacted will be installed
1.5 inches of Surface asphalt when compacted will be the finished product
- unit cost is \$4.37 per SQFT
<b>TOTAL COST \$ 44,858.00</b>

In consideration thereof, the customer agrees to pay WIRKUS in full for its services and materials, the total amount of \$ 44,858.00. It will be paid according to the following schedule (in all instances, payments must be made in full no later than the end of WIRKUS' performance of contract):

Amount due upon signing of the contract: \_\_\_\_\_ other payments: \_\_\_\_\_

ACCEPTANCE: I, the undersigned, agree and contract with WIRKUS on the terms set forth above. All prices, specifications, and conditions on this page are accepted, and WIRKUS is authorized to do the work specified.

Customer Signed: \_\_\_\_\_ WIRKUS Signed: \_\_\_\_\_

**Wirkus Paving Co.**  
 P.O Box 437 Steger, IL 60475 |  
 708-946-2683 Fax 708-946-2754

# QUALITY PAVING, Inc.

P.O. Box 636  
 648 Margaret St. -- Dolton, IL 60419-2777  
 Office -- 708-841-4194 Fax -- 708-841-4224  
 E-mail -- rrei@att.net -- Bob@reichelquality.com


## PROPOSAL

NAME / ADDRESS
VILLAGE OF BEECHER

DATE	ESTIMATE #
6/6/2019	13311

### MORE THAN JUST A NAME – A WAY OF DOING BUSINESS

DESCRIPTION	TERMS
	Net 30
DESCRIPTION	TOTAL
<p>RE: STREET ASPHALT PATCHING.</p> <p>SAW CUT, REMOVE, AND HAUL AWAY ASPHALT IN MULTIPLE LOCATIONS. GRADE AND COMPACT EXISTING STONE FOR 4" OF NEW ASPHALT. DELIVER AND PAVE WITH 2" OF IDOT N-50 BINDER AND 2" OF IDOT N-50 SURFACE.</p> <p>LOCATIONS WITH SQUARE FOOTAGE:                      -500 BLOCK OF WOODWARD - 3,540 SF                      -600 BLOCK OF WOODWARD - 2,220 SF                      -700 BLOCK OF WOODWARD - 1,124 SF                      -527 DUNBAR - 451 SF                      -540 DUNBAR - 1,190 SF                      -623 REED - 881 SF                      -633 REED - 550 SF</p> <p>*NOTE:                      -UNDERCUTTING OF SOFT AREAS AND ADDITIONAL STONE ARE NOT INCLUDED.                      -DENSITY TESTING IS NOT INCLUDED.                      -TAX EXEMPTION FORM IS REQUIRED FOR MATERIAL.                      -STRIPING IS NOT INCLUDED.</p> <p>**ADDITIONAL:                      THERMOPLASTIC STRIPING FOR PATCHED AREAS. --- \$3,584.00</p>	67,732.00

AUTHORIZED SIGNATURE 
PROPOSAL WILL BE WITHDRAWN WITHIN 45 DAYS

**Total** \$67,732.00

ACCEPTANCE OF PROPOSAL  
 THE ABOVE PRICES, SPECIFICATIONS, AND CONDITIONS ARE SATISFACTORY AND ARE HEREBY ACCEPTED. YOU ARE AUTHORIZED TO DO THE WORK AS SPECIFIED. PAYMENT WILL BE MADE AS ABOVE TERMS.

ALL MATERIAL IS GUARANTEED TO BE AS SPECIFIED, AND THE ABOVE WORK TO BE PERFORMED IN ACCORDANCE WITH THE DRAWINGS. ALL WORK TO BE COMPLETED IN A SUBSTANTIAL WORKMANLIKE MANNER ACCORDING TO SPECIFICATIONS SUBMITTED PER STANDARD PRACTICES. ANY ALTERATION OR DEVIATION FROM ABOVE SPECIFICATIONS INVOLVING EXTRA COSTS WILL BE EXECUTED ONLY UPON WRITTEN ORDERS, AND WILL BECOME AN EXTRA CHARGE OVER AND ABOVE THE ESTIMATE. ALL AGREEMENTS CONTINGENT UPON STRIKES, ACCIDENTS, OR DELAYS BEYOND OUR CONTROL. OWNER TO CARRY FIRE AND OTHER NECESSARY INSURANCE UPON ABOVE WORK. ANY PERMITS, LICENSES, OR BONDS REQUIRED WILL BE ADDED TO COST OF JOB.

Signature \_\_\_\_\_  
 Date \_\_\_\_\_



**IMPORTANT PROJECT NOTICE**  
**Lead Water Service Replacements**

Dear :

Re: Beecher Parcel(s), Tax ID No:

Over the next two years, the Village is going to replace all of the lead water service pipes in town. The lead services are a risk to your health.

A water service is a small <sup>2 1/2</sup> inch pipe that is attached to the water main in the street and connects to your home at your water meter. Due to the age of the neighborhood, that may be a lead pipe. If it is determined to be a lead pipe, the Village is offering to replace it with a modern "lead free" line, at **NO COST** to you. The average cost per house to replace this pipe is approximately \$8,000. So, this is a great opportunity for you to get rid of your old lead service line. You will need to sign a simple agreement granting access to your property to do the work. After the line is replaced, we'll restore any landscaping that was disturbed. This is **COMPLETELY VOLUNTARY**, but participation is strongly encouraged.

We invite you, and urge your attendance at a short Public Information Meeting on **July 30, 2019** that will be just for the residents suspected to have lead water service pipes. We'll provide additional project details, and do our best to answer any questions you may have. You may also call the Village Hall to schedule a meeting with Village staff at your home if you wish to further understand the process as it relates to your particular situation.

We hope to see you at the public meeting.

Bob Barber  
Village Administrator

**Lead Water Service Pipe Replacement  
Informational Meeting**

**July 30, 2019 @ 7:30 – 8:00pm**

**Beecher Village Hall  
632 S. Dixie Highway  
Refreshments will be served**

*The second page will provide additional information that you may find helpful.*

*Below you will find additional information regarding the health risks of lead, and the best way to mitigate those risks during and following this construction project:*

During the process of replacing the lead water service pipe, the lead may be disturbed, and temporarily affect the content of your potable water. We can't know for certain whether or not this particular construction project will adversely affect the lead plumbing (*if any is present*) inside and outside your home. So, we recommend you follow the preventative measures below to reduce your risks.

**Run your water to flush the line.** IT IS VERY IMPORTANT TO FLUSH ALL INTERIOR PLUMBING BEFORE WATER USE FOLLOWING THE WATER SERVICE REPLACEMENT. FLUSHING FOR AT LEAST 30 MINUTES IS NECESSARY. Also, flush once every two weeks for three months following the water service replacement. Use the following flushing procedure:

- Locate all faucets on all floors in your building (including laundry tubs, hose bibbs, bathtubs, and showers).
- Remove aerators and screens whenever possible (including shower heads) from all faucets to be flushed.
- Run the cold water in the faucets in the basement or lowest floor at the highest rate possible. Leave all the faucets running.
- After the faucets are all open in the lowest floor, open the faucets on the next highest floor of the building. Continue until all faucets are open on all floors.
- After all faucets are opened, leave the water running for at least 30 minutes.
- After 30 minutes, turn off the first faucet opened and continue to turn off the other faucets in the same order they were turned on.
- Clean the aerators/screens at each faucet. You may need to replace them if they are too old or worn.

For six months following the water service replacement, **perform a daily mini-flush.** When water sits in the piping for at least six hours before use, flush for five minutes by taking a shower, running the dishwasher, flushing a toilet, collecting water for plants/garden, or running a faucet. Perform this daily mini-flush before using any water for drinking, cooking, or infant formula. Also, during this six-month period clean debris from aerators/screens.

**Use cold water only for drinking, cooking, and preparing baby formula.** Do NOT cook with or drink water from the hot water tap. Do NOT use water from the hot water tap to make baby formula.

**Look for alternative sources or treatment of water.** You may want to consider purchasing bottled water or a water filter that is certified to remove "total lead."

- *Clean and remove any debris from faucet aerators on a regular basis.*
- *Do not boil water to remove lead. Boiling water will not reduce lead.*
- *Purchase lead-free faucets and plumbing components.*

**Consider testing your water for lead.** Below are laboratories that have been certified by the Illinois EPA to test for lead. These are just a few labs that are based in Illinois. For a complete and updated list of laboratories, please visit the EPA's website at <http://www.epa.illinois.gov/topics/drinking-water/private-well-users/accruited-labs/index> Laboratories will send you the bottles for sample collection. Please note that we are not affiliated with the laboratories and they will charge you a fee. If test results indicate a lead level above 15 ug/L (acceptable level), bottled water should be used by pregnant women, breastfeeding women, young children, and formula-fed infants.

**American Water Central Laboratory**  
1115 South Illinois  
Belleville, IL 62220-6349  
(618) 239-0516

**PDC Laboratories, Inc.**  
2231 W. Altorfer Drive  
Peoria, IL 61615  
(309) 692-9688

**Environmental Monitoring and Technologies, Inc.**  
8100 North Austin Ave.  
Morton Grove, IL 60053-3203  
(847) 324-3341

**Suburban Laboratories, Inc.**  
4140 Litt Drive  
Hillside, IL 60162-1183  
(708) 544-3260

## **Agenda**

### **Beecher Lead Water Service Replacements**

Friday, May 30, 2019 at 10:00 am

#### **Introduction**

- 1) Meet and greet personnel and project roles (Typ.)
- 2) Communication protocol
- 3) Village's priorities for the project.
- 4) Brief review of project scope
  - a. Replace all Pb services in Village or only up to \$2M?

#### **Project Plan**

- 1) Need to gather information about the Village's current water system. Any prior documents to reference? Question list forthcoming.

#### **Finding Lead Services**

- 1) Identify Village staff familiar with the age of neighborhoods and likely end of Pb use.
- 2) Discuss development of lead services map.
- 3) Identify residents in target areas that we can visit for a spot check to confirm Pb/take photos for bid documents.
- 4) Any Village water meter records?

#### **Public Involvement**

- 1) Notice to residents -provide sample for discussion.
- 2) Public meeting.
- 3) Agreement with residents - provide sample for discussion.
- 4) Agreement receipt - when to bid? Contractor's public involvement responsibility.

#### **Preliminary Design**

- 1) Village to locate water main.
- 2) Village to locate b-boxes.
- 3) JULIE design stage locate to identify utility locations.
- 4) Any Village information regarding service lines entering homes?

#### **Final Design**

- 1) Auger to basement wall w/copper. Excavation and drilling at wall. Any ROW issues?
- 2) Restoration is on contractor outside of home, resident inside of home.
- 3) Contractor to take "before" photos once inside house.
- 4) Contractor will contact resident 3 times prior to turning over to Village to obtain signature. Once Agreement is signed and appointment is made, Contractor will call 24 hours prior. The

Contractor will give resident a 4-hour window to perform work. Water service will be out less than half a day. Contractor may work weekends to meet all appointments.

- 5) Sod/Seed - Village preference?
- 6) Design details/specs/front end documents that the Village requests?
- 7) Street restoration - Village preference?
- 8) Tree policy?

#### Future Meetings

- 1) Likely lead service line location determination
- 2) 50% design completion
- 3) 90% design completion

#### IEPA Loan Application

- 1) Near design completion will need to coordinate with the Village to prepare the loan application. Primarily financial information needed regarding ability to repay the loan along with formwork.

#### Comments/Questions?

VILLAGE TO CONDUCT LEAD

SUPERVISOR  
1-520-582-8418

# PROPERTY ACCESS AGREEMENT FORM

## WATER SERVICE LINE REPLACEMENT

The Village of Beecher Lead Water Service Replacement Project will require access to private property to install a new underground water service line. The Village and its Contractor (listed below) will require access to the front yard and inside of the home to connect the new water service line to the existing water meter location.

The undersigned, \_\_\_\_\_ ("Customer") grants to the Village of Beecher  
*(property owner name)*  
("Village") and to its approved Contractor an agreement to enter upon the Customer's property at, \_\_\_\_\_  
*(house address)*

Beecher, IL 60401 ("Property") for the purpose of connecting the Customers' residence to the Village water main at the front of the Property, at no cost to the Customer. The term of the agreement shall be 12 months following the date set forth below or final Village acceptance of the construction project.

The Village and its approved Contractor will install the Village's water service connection from the water main to a new Village curb stop installation (consisting of a curb stop valve and riser box) at the Customer's front Property line. The Village will determine the location of the curb stop installation. The Village water service connection and curb stop installation to the property line will be owned and maintained by the Village.

In addition, the Village and its approved Contractor will install a Customer water service line by trenchless methods from the curb stop installation to the existing water meter located inside the Customer's Property. The methods utilized for customer water service line installation replacement will leave the majority of the property undisturbed. Upon completion the Customer water service line will be owned and maintained by the Customer. The Village will provide a warranty of the material and workmanship of the Customer water service line for 12 months following completion of the construction project.

Upon completion of the work necessary to establish the new connection, including disconnection from the old water main, installing the Village water service connection, the Village curb stop installation, and the Customer water service line, the Village will restore the Customer's outdoor Property as nearly as practicable to its former condition. The Contractor will minimize disturbance indoors at the Customer's Property. The Customer will be responsible for restoring any indoor Property.

I understand that this is a voluntary and non-binding agreement, and that I am not responsible for any damages or injuries that are caused by the construction project. I also understand that the Village or Contractor listed below is responsible for property restoration outside of the house, and I am responsible for restoration inside of the house. I will prepare a proper working environment for the Contractor inside my house, clear of clutter and other impediments. The Village and the Contractor listed below are responsible for notifying me at **least 24 hours prior to accessing the property.** Upon notice, the Village and approved contractor have access to the property between the hours of 7:00 am and 5:00 pm for one pre-inspection and one water service installation.

I fully understand what is being offered by the Village of Beecher as it pertains to the water service line replacement and hereby opt to NOT participate.

\_\_\_\_\_  
Contractor

\_\_\_\_\_  
Phone Number

BY:

\_\_\_\_\_  
Village of Beecher – Public Works (708-946-2261)

\_\_\_\_\_  
Date

CUSTOMER:

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Phone Number

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

# LASER ENCORE

PHONE +1(651)-633-8000  
[www.laserencore.com](http://www.laserencore.com) [info@laserencore.com](mailto:info@laserencore.com)

## Laser Light Show Production Proposal

~ prepared for ~

### **Village of Beecher August 1, 2020**

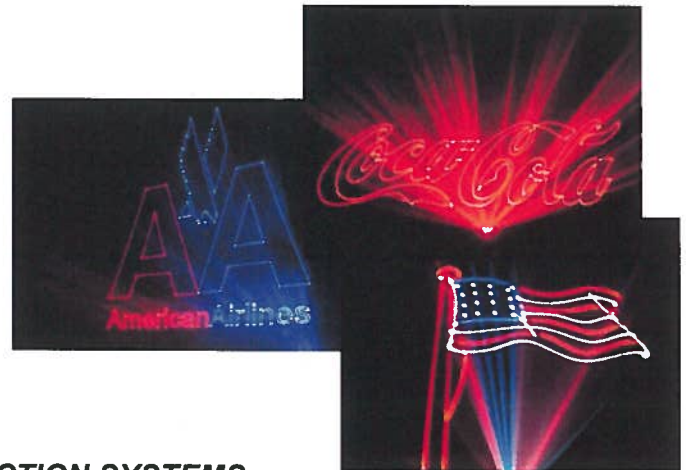
#### DESCRIPTION:

Laser Encore will present its new "Laser Hitz" laser show, featuring fun, family-oriented music clips from Classic rock to today's hits. Full-color laser graphics and images will be projected on our huge laser screen and high-powered aerial beam effects will project out over the audience. Event logos, slogans, icons, and laser-scripted messages will also be included in a custom introduction.

#### LASER SYSTEMS AND EFFECTS:

##### LASER GRAPHIC PROJECTION SYSTEM:

Full-Color Graphics  
Custom Logos, Slogans, Icons  
Detailed Animation Sequences  
Special Messages (i.e., "Welcome...", etc.)  
3-D Graphics



##### HIGH-POWERED AERIAL LASER PROJECTION SYSTEMS:

Full-Color  
Slow and Rapid-Fire Beams  
Multi Beams  
Laser Searchlights  
Fans/Planes/Waves (Sheets of Light)



**Cost \$12,000.00**

*\*Cost includes all necessary laser equipment, production, labor and travel, but does not include electricity, sound system, lift for hanging screen, hotel or any venue expenses which would be the responsibility of the client.*

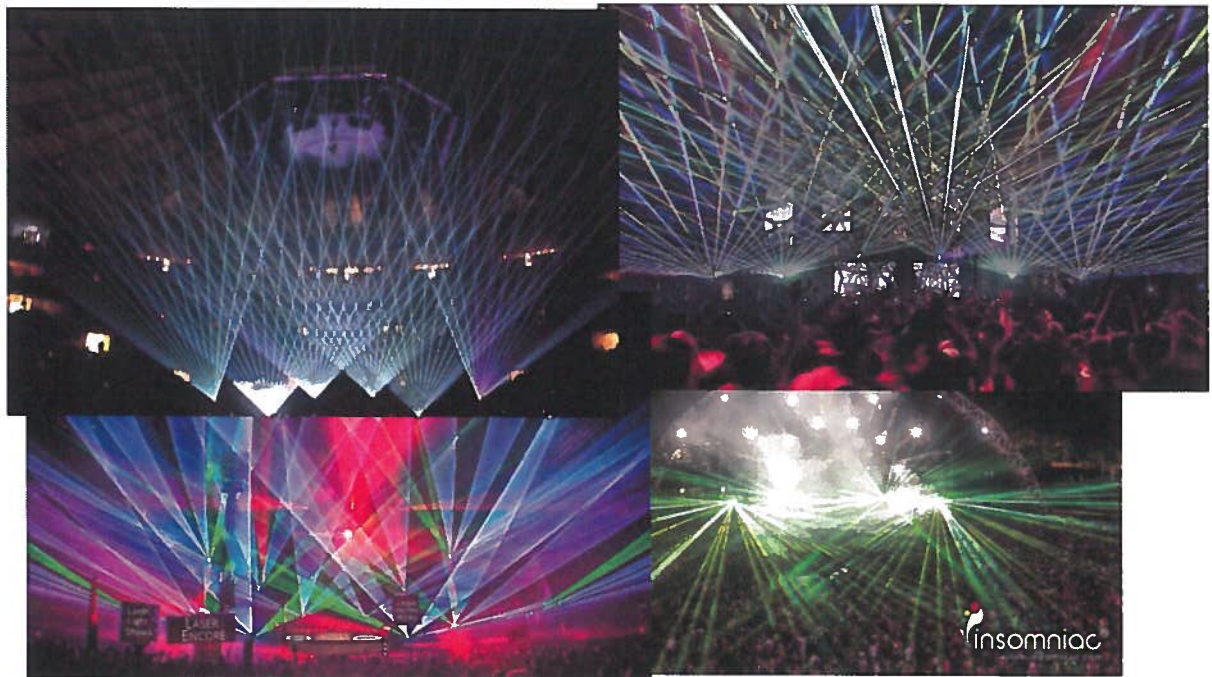
# LASERENCORE

Professional laser light shows, displays and installations

Laser Encore is a full service production company and a one stop special effects shop that specializes in producing spectacular laser light shows, laser displays, media projections and special effects for all types of events and permanent installations.

Laser Encore produces and performs high quality shows all over the country and internationally at very competitive rates. Laser Encore has won many international awards and has produced thousands of laser shows that have been viewed by millions of people.

All of our laser light show projectors now use the latest technology in solid state DPSS/OPSS lasers. Our award winning in-house art department uses 3D Studio Max, Flash and our laser software to create fantastic graphics and productions. Not only do we produce laser shows, but we offer many other effects, such as lighting, sound, flame projectors, Sky Beams, fog, low fog and more.



Laser Encore is a new exciting laser light show company that comes with decades of experience. Our staff has the years of knowledge and knowhow to bring you the best in design, programming and production. Along with the latest and greatest in technology.

Laser Encore has invested a great deal in purchasing all new RGB high powered laser light show systems, software and support gear. We have found our current smallest productions blows away some of our largest events from just a few years ago. Old and new clients will be amazed at how advanced and spectacular our laser light shows have become.

# 2018 Annual Municipal Franchise Report



## Prepared for the Village of Beecher

Lisa Aprati  
External Affairs  
University Park Office  
[Lisa.Aprati@ComEd.com](mailto:Lisa.Aprati@ComEd.com)

**ComEd**<sup>®</sup>

An Exelon Company

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## 2018 Annual Municipal Franchise Report

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- 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**
  - i. Circuits Serving Beecher**
  - 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 three 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 previous year and the past ten years. Municipality SAIFI is shown as non-storm and storm. 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). Storm events are excluded from the non-storm portion. For comparison purposes, this chart also shows the average number of interruptions per customer for the municipalities operating region and the ComEd system.

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

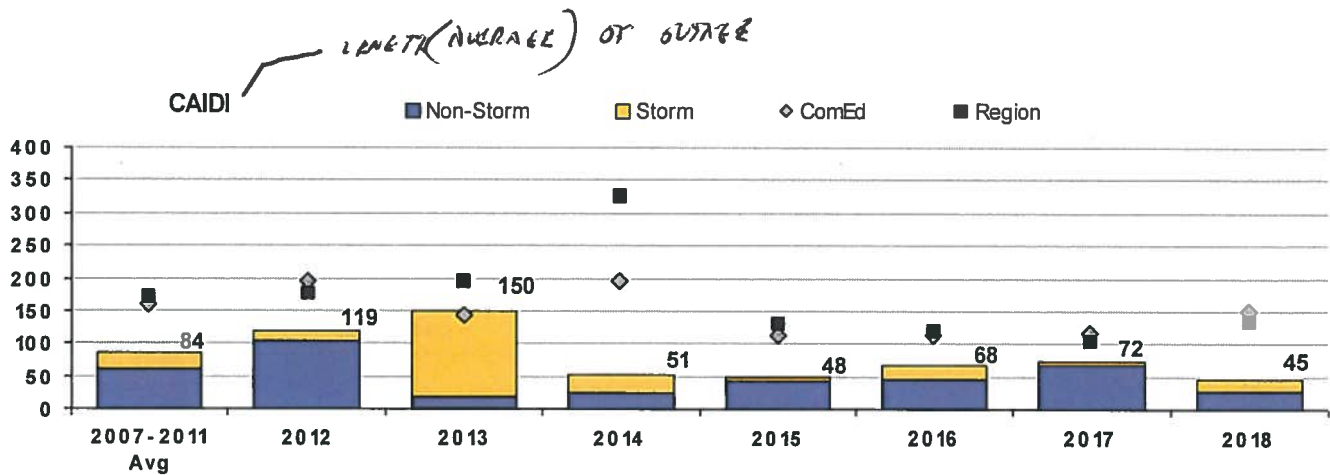
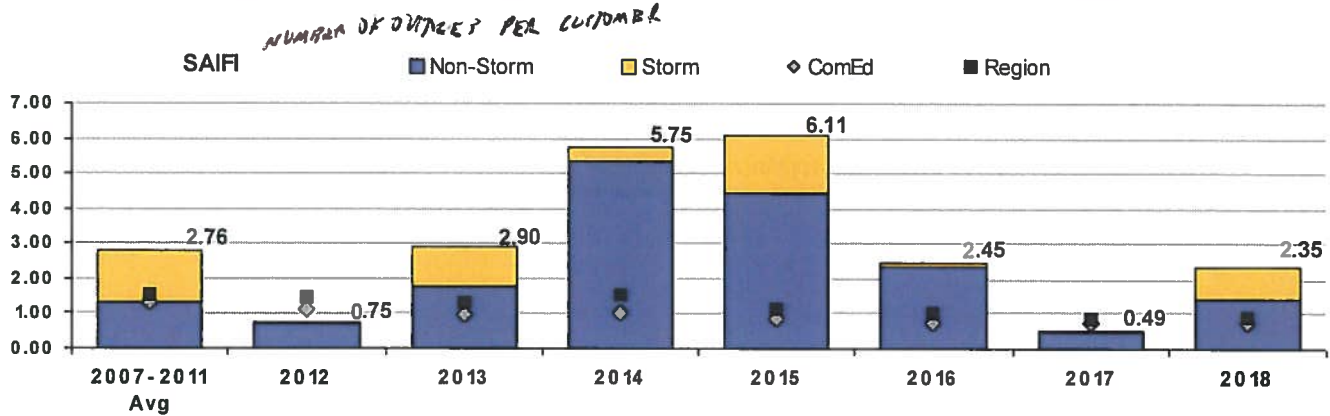
Chart shows the average length of customer interruptions in minutes on an annual basis for your municipality for the previous year and the past ten years. Municipality CAIDI is shown as non-storm and storm. Storm statistics are determined by events achieving either of the following criteria: 1) primary 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). Storm events are excluded from the non-storm portion. For comparison purposes, this chart also shows the average length of interruptions for the municipalities operating region and for the ComEd system.

### CHART THREE – 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.

## Beecher Reliability Performance Year End Report

ComEd customers in the Village of Beecher experienced a 99.98% reliability rate in 2018.



### SAIFI by Cause

	Animal Related	ComEd/Contr Human Errors	Intentional	Other	Overhead Equipment	Public	T&S	Tree Related	Underground Equipment	Unknown	Weather Related
2014	0.01	0.00	0.00	0.00	4.34	0.32	0.00	0.00	0.03	0.80	0.25
2015	0.00	0.00	0.36	0.00	3.04	0.00	0.00	1.00	0.01	0.70	1.01
2016	0.02	0.13	0.02	0.01	0.89	0.13	0.00	0.00	0.58	0.56	0.12
2017	0.00	0.00	0.00	0.00	0.32	0.14	0.00	0.01	0.02	0.00	0.00
2018	0.00	0.56	0.36	0.00	0.16	0.56	0.00	0.01	0.01	0.00	0.69

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.

## 2018 Interruption Summary Report From 1/1/2018 Through 12/31/2018 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	0	0	0.00	0
ComEd/Contractor Personnel-Errors	2	1,099	0.56	10
Intentional (e.g., unplanned)	3	713	0.36	101
Other	1	3	0.00	434
Overhead Equipment Related	7	308	0.16	123
Public	3	1,098	0.56	33
Transmission and Substation Equipment Related	0	0	0.00	0
Tree Related	4	17	0.01	78
Underground Equipment Related	3	19	0.01	1,406
Unknown	1	2	0.00	134
Weather Related	9	1,355	0.69	14
Secondary	0	0	0.00	0
Services	2	2	0.00	783
<b>Total</b>	<b>35</b>	<b>4,616</b>	<b>2.35</b>	<b>45</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	1913577	1/12/2018 08:35 AM	Public	Vehicles	36	478
F165	1918947	2/27/2018 10:53 PM	Overhead Equipment Related	Malfunction	98	3
F165	1931846	6/2/2018 05:10 PM	Underground Equipment Related	Underground Failure	449	1
					454	1
F165	1933869	6/13/2018 01:50 PM	Overhead Equipment Related	Malfunction	244	1
F165	1934278	6/16/2018 03:56 AM	Weather Related	Lightning	9	461
F165	1938551	7/4/2018 08:49 PM	Weather Related	Lightning	808	1
F165	1938683	7/5/2018 03:16 PM	Overhead Equipment Related	Malfunction	135	90
F165	1941651	7/23/2018 10:10 AM	Intentional Scheduled Construction, Maintenance or Repair	** Maintenance Switching	110	3
F165	1943664	8/6/2018 11:35 AM	Overhead Equipment Related	Malfunction	114	91
F165	1943662	8/6/2018 11:41 AM	Overhead Equipment Related	Malfunction	108	116
F165	1944204	8/9/2018 10:31 AM	Unknown	Unknown	134	2
F165	1946840	8/27/2018 10:43 AM	Public	Dig-in by Others	226	2
F165	1947091	8/28/2018 02:50 PM	ComEd/Contractor Personnel-Errors	Accident by ComEd Contractor	10	478
F165	1949081	9/3/2018 03:00 PM	Tree Related	Limb Broken - Primary	54	10
F165	1949082	9/3/2018 03:12 PM	Intentional (e.g., unplanned)	Emergency Repairs	43	24
F165	1949157	9/3/2018 04:01 PM	Weather Related	Lightning	139	1
F165	1956502	10/20/2018 02:25 PM	Overhead Equipment Related	Contamination	358	6
F165	1956952*	10/20/2018 02:48 PM	Tree Related	Limb Broken - Service Drop	1,422	1
F165	1960189	11/18/2018 07:39 AM	Tree Related	Tree Contact - Primary	81	1
F165	1961121	11/26/2018 02:07 AM	Weather Related	Ice / Snow	327	23

### 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	1964641	11/30/2018 12:55 PM	Weather Related	Ice / Snow	13	1
F165	1964707	11/30/2018 05:36 PM	Weather Related	Ice / Snow	75	1
F165	1966513	12/16/2018 08:30 PM	Intentional Scheduled Construction, Maintenance or Repair	** Public Improvement Related	195	1
F165	1966512	12/16/2018 08:49 PM	Intentional Scheduled Construction, Maintenance or Repair	** Public Improvement Related	161	8
F165	1966545	12/17/2018 05:38 AM	Intentional Scheduled Construction, Maintenance or Repair	** Maintenance Switching	312	2
F175	1917616	2/19/2018 11:50 PM	Intentional (e.g., unplanned)	Emergency Repairs	119	163
F175	1919753	3/6/2018 10:44 AM	Intentional Scheduled Construction, Maintenance or Repair	** Maintenance Switching	36	147
F175	1944374	8/9/2018 10:00 AM	Other	Other	146	16
F175	1950377*	9/10/2018 09:03 AM	Tree Related	Limb Broken - Service Drop	434	3
F175	1953512	9/30/2018 02:56 AM	Public	Vehicles	29	615
					39	2
					511	1
F175	1957884	10/28/2018 07:41 AM	Tree Related	Tree Contact - Primary	41	1
F175	1959503	11/10/2018 08:32 AM	Intentional Scheduled Construction, Maintenance or Repair	** Maintenance Switching	28	53
F365	1919108	2/28/2018 06:30 PM	Intentional Scheduled Construction, Maintenance or Repair	** Maintenance Switching	20	1
F365	1928174	5/11/2018 09:13 AM	Intentional Scheduled Construction, Maintenance or Repair	** Maintenance Switching	29	257
F365	1934043	6/14/2018 06:38 PM	Intentional Scheduled Construction, Maintenance or Repair	** Maintenance Switching	10	205
F365	1941672	7/23/2018 02:27 PM	Intentional Scheduled Construction, Maintenance or Repair	** Maintenance Switching	67	52
F365	1941779	7/24/2018 11:20 AM	Intentional Scheduled Construction, Maintenance or Repair	** Maintenance Switching	16	1
F365	1943699	8/6/2018 05:16 PM	Tree Related	Limb Broken - Primary	2	2
F365	1961166	11/26/2018 02:33 AM	Weather Related	Ice / Snow	131	5
F365	1962462	11/26/2018 08:37 AM	Underground Equipment Related	Malfunction	452	2
F365	1967661	12/29/2018 07:34 AM	Underground Equipment Related	Underground Failure	1,373	9
K445	1931977	6/3/2018 02:49 PM	Overhead Equipment Related	Malfunction	1,896	7
K445	1932167	6/4/2018 06:42 PM	Intentional Scheduled Construction, Maintenance or Repair	** Restore Back to Normal	180	1
L12732	1921484	3/21/2018 10:15 AM	ComEd/Contractor Personnel-Errors	Accident by ComEd Contractor	221	1
L7347	1944333	8/6/2018 11:50 AM	Intentional (e.g., unplanned)	Protection of System Integrity	18	1
L7347	1960778	11/25/2018 08:00 PM	Weather Related	Ice / Snow	9	621
L7347	1964785	11/25/2018 08:00 PM	Weather Related	Ice / Snow	85	4
					98	522
					7	129
					7	732
					8	4

## 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:

- 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.

**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.

## 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.

**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.

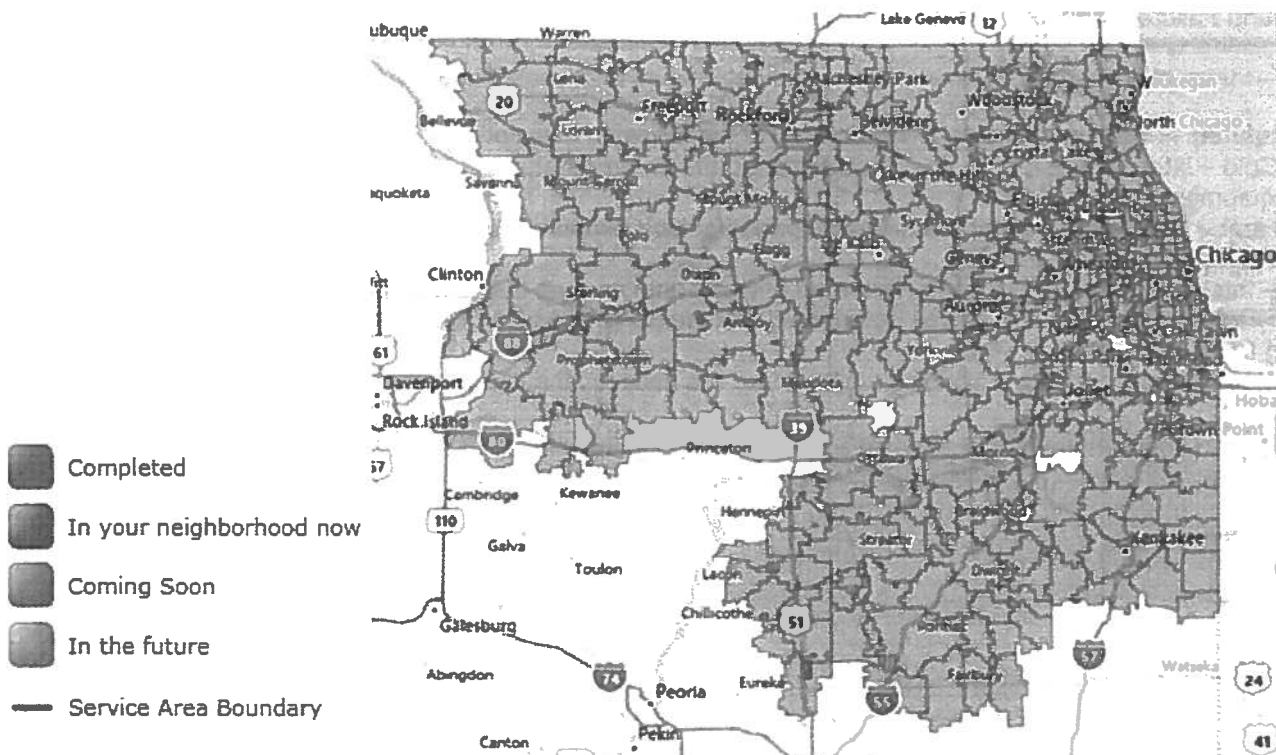
**Weather Related** – interruptions categorized by one of the following descriptions:

- 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 due to lightning.
- Wind/Tornado – interruptions where it appears that the facilities themselves were damaged by high damaging wind.

## B. Smart Grid Implementation

***ComEd successfully installed 335,231 smart meters in 2018, completing mass deployment.***

***ComEd AMI Map: <https://smartmetermap.comed.com/smartmeter.html>***



# BUILDING PERMITS - MAY 2019

PERMIT #	OWNER NAME	ADDRESS	DATE	DESCRIPTION	COST	VALUE
040-19-05B	Swanson	529 Miller	05/02/2019	Roof	\$55.00	\$8,850.00
041-19-05BEPH	Zielinski	523 Miller	05/02/2019	Add basement bathroom	\$413.00	\$19,800.00
042-19-04B	Mohr	219 Poplar	05/06/2019	Concrete patio	\$106.90	\$5,500.00
043-19-05B	Grutzius	382 Tramore	05/07/2019	Shed	\$70.00	\$1,800.00
044-19-05P	Stout	266 Timbers Bluff	05/07/2019	Gas line for pool heater	\$75.00	\$1,400.00
045-19-05BEPH	Castletown Homes	243 Aspen	05/08/2019	New home	\$10,909.00	\$130,000.00
046-19-05B	Smith	431 Hunters	05/10/2019	Roof	\$55.00	\$6,500.00
047-19-05B	Hon	1556 Saddle Run	05/10/2019	Roof	\$55.00	\$6,500.00
048-19-05B	Coleman	674 Indiana	05/13/2019	Garage addition	\$70.00	\$500.00
049-19-05B	Sundeen	550 Willow	05/14/2019	Fence	\$60.00	\$2,377.00
050-19-05B	Stano	299 Woodbridge	05/14/2019	Deck & Replace Pool	\$150.00	\$6,000.00
051-19-05B	Olson	1645 Fox Hound	05/14/2019	Roof	\$55.00	\$16,726.00
052-19-05B	Eisele	1636 Mallards Cove	05/14/2019	Roof	\$55.00	\$7,000.00
053-19-05B	Murphy	1551 Saddle Run	05/15/2019	Roof	\$55.00	\$7,000.00
054-19-05B	Victor	1611 Saddle Run	05/16/2019	Roof	\$55.00	\$6,500.00
055-19-05B	Hackl	1416 Somerset	05/17/2019	Fence	\$60.00	\$1,845.00
056-19-05B	Smith	226 Poplar	05/20/2019	Fence	\$60.00	\$7,943.00
057-19-05B	Barber	1537 Somerset	05/22/2019	Concrete patio	\$70.00	\$1,600.00
058-19-05B	Ruckman	308 Quail Hollow	05/22/2019	Roof	\$55.00	\$6,000.00
059-19-05B	Olson	312 Quail Hollow	05/22/2019	Roof	\$55.00	\$6,000.00
060-19-05B	Murdoch	294 Maple	05/22/2019	Concrete driveway	\$55.00	\$8,000.00
061-19-05B	Neal	1529 Sawgrass	05/22/2019	Shed	\$70.00	\$3,700.00
062-19-05B	Beecher Amvets	532 Gould	05/24/2019	Commercial roof	\$483.90	\$39,900.00
063-19-05B	Phipps	116 Bald Eagle	05/24/2019	Concrete patio	\$62.02	\$2,600.00
064-19-05B	Belz	704 Indiana	05/28/2019	Roof	\$55.00	\$12,600.00
065-19-05B	Kolosh	1580 Somerset	05/29/2019	Deck	\$107.92	\$8,000.00

**MONTHLY TOTALS**

\$13,372.74

\$324,641.00



# Village of Beecher

## Police Department

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TO: Mayor and Village Board  
Re: Monthly Report-May, 2019  
From: Chief Gregory D. Smith

### **Community Contacts:**

- New officers were sworn in by Village Clerk. This was expedited due to new officers starting the academy.
- Chief Smith and Officer Tatgenhorst attended the wake for East Hazel Crest Chief Ken Vallow.
- Chief Smith was the guest speaker for the First Community Bank Senior Citizen Dinner. Areas discussed were bank fraud, identity theft and protecting your assets.
- The Beecher Police held their first annual "Cop on Top" event. It was a successful event, collecting over \$3,000.00 for Special Olympics.

### **Meetings, Training & Conferences:**

- Chief Smith attended the South Suburban Association of Chiefs of Police Conference.
- Beecher Police attended an after action meeting with the fire department to discuss the BHS intruder drill training.
- A Field Training Officer meeting was held to discuss the progress of the Field Training Program.
- Chief Smith attended the monthly Laraway Communication Center Operations Meeting.

### **General:**

- Consulting with Guaranteed Technical Services & Consulting, Inc. to update our website.
- Chief Smith attended the monthly administrative tow hearing.

Police Department  
 Ticket Section  
 May 15

	Current Total	Aggregate Total							
Driving under the influence of alcohol/drugs	2	10							
Driving with bac over .08	2	4							
Driving under the influence of drugs in urine	0	0							
Illegal transportation of alcohol	1	5							
Suspended registration	1	1							
Improper display of registration	1	3							
Improper use of registration	1	1							
Operation of uninsured motor vehicle	7	16							
No valid registration	4	10							
No valid drivers license	1	6							
Driving while license suspended or revoked	5	11							
Speeding	5	25							
Disobey traffic control device	3	6							
Seat belt violation	0	0							
Improper lane usage	2	7							
Improper passing	0	0							
Truck violation (size/weight/load)	18	28							
Overweight	2								
Overweight / registration	0								
Overwidth / Overlength	6								
No safety test	10								
Permit Violation	0								
No valid CDL	0								
Equipment violation	5	8							
Fail to yield - emergency vehicle	0	1							
Cell Phone Violation	0	2							
All others	4	8							
<b>Total tickets</b>	<b>62</b>	<b>152</b>							
<b>Total violators</b>	<b>37</b>	<b>97</b>							
<b>%</b>									
M/W	17	46%	43	45%	F/W	2	13%	10	10%
M/B	5	13%	8	8%	F/B	0	13%	9	9%
M/Hispanic	12	32%	21	22%	F/Hispanic	1	5%	5	5%
M/Other	0	0%	0	0%	F/Other	0	0%	1	1%
<b>%</b>									
Total White	19	51%	53	55%					
Total Black	5	14%	17	17%					
Total Hispanic	13	35%	26	27%					
Total Other	0	0%	1	1%					

## May 2019 Tickets

Officer	Warnings	Citations	CL-Tickets	P-tickets	Compromise	Total
100	3	0	0	0	0	3
107	0	0	0	1	0	1
108	20	23	0	0	0	43
114	8	5	0	0	0	13
117	0	0	0	0	1	1
126	0	1	0	0	0	1
129	1	1	0	0	2	4
148	8	0	0	1	0	9
149	2	0	0	0	0	2
154	11	9	0	0	3	23
157	17	20	0	0	0	37
169	6	0	0	0	0	6
170	0	3	0	0	0	3
173	6	0	0	0	0	6
<b>Totals</b>	<b>82</b>	<b>62</b>	<b>0</b>	<b>2</b>	<b>6</b>	<b>152</b>

## Beecher Police Department

### Accidents by Location

5/1/2019 12:00:00 AM to 6/1/2019 12:00:00 AM

<b>B1-19-0000108 - Control # 20190108</b>	5/7/2019 3:12:00 PM	540 Oak Park Ave
		Inv. By: Little, William 126
1 - Driver		
2 - Parked - No Driver	Woldhuis, Heidi N	O - No Indication of Injury
<b>B1-19-0000101 - Control # 20190101</b>	5/3/2019 12:46:00 PM	613 Dixie Hwy
		Inv. By: Waterman, Ann 129
1 - Driver	Svenningsen, Wayne T	
<b>B1-19-0000113 - Control # 20190113</b>	5/10/2019 1:34:00 PM	724 Penfield St
		Inv. By: Little, William 126
1 - Driver	Alcott, Taylor Nicole	O - No Indication of Injury
2 - Parked - No Driver	ALCOTT, RICHARD D	O - No Indication of Injury
<b>B1-19-0000138 - Control # 20190138</b>	5/29/2019 4:41:00 PM	724 Penfield St
		Inv. By: Emerson, Rick 108
1 - Driver	PAUL, BARRY T	O - No Indication of Injury
1 - Driver	Moran, Andrew T	O - No Indication of Injury
<b>B1-19-0000117 - Control # 20190117</b>	5/11/2019 9:39:00 PM	Gould St / W Indiana Ave
		Inv. By: Sipple, Roger 114
1 - Driver	Johnson, Makayla J	O - No Indication of Injury
1 - Driver	Tucker, Benjamin C	O - No Indication of Injury

# Beecher Police Department

CAD Calls For Service Counts

5/1/2019 to 6/1/2019

<b>911 HANG UP CALL</b>	<b>7</b>
<b>Abandoned 911 Call</b>	<b>1</b>
<b>Accident</b>	<b>8</b>
<b>Administrative Duties</b>	<b>4</b>
<b>ALARM</b>	<b>8</b>
<b>Animal Complaints</b>	<b>12</b>
<b>Assist Fire Department</b>	<b>48</b>
<b>Assist Law Agency</b>	<b>8</b>
<b>ATV Complaints</b>	<b>1</b>
<b>Breaks</b>	<b>10</b>
<b>BUILDING CHECK</b>	<b>235</b>
<b>Code Violations</b>	<b>3</b>
<b>Criminal Damage to Property</b>	<b>1</b>
<b>Detail</b>	<b>1</b>
<b>Disturbance</b>	<b>3</b>
<b>Domestic</b>	<b>5</b>
<b>Drive Off</b>	<b>2</b>
<b>Driving Under the Influence</b>	<b>1</b>
<b>Escorts</b>	<b>15</b>
<b>Extra Patrol</b>	<b>34</b>
<b>FIGHT</b>	<b>1</b>
<b>FINGERPRINTING DUTIES</b>	<b>1</b>
<b>Flagged Down</b>	<b>2</b>
<b>Follow Up</b>	<b>22</b>
<b>Found</b>	<b>2</b>
<b>FRAUD INVESTIGATION</b>	<b>3</b>
<b>Illegal Burning Complaint</b>	<b>1</b>
<b>Information</b>	<b>4</b>
<b>Intoxicated Subject</b>	<b>1</b>
<b>Juvenile Complaints</b>	<b>3</b>
<b>Lock out or in</b>	<b>6</b>
<b>Loud</b>	<b>6</b>

<b>Meeting</b>	<b>1</b>
<b>Motorist Assist</b>	<b>4</b>
<b>Neighbor Complaints</b>	<b>1</b>
<b>NOTIFICATIONS</b>	<b>1</b>
<b>Open Door</b>	<b>13</b>
<b>Ordinance Violation</b>	<b>3</b>
<b>Other Complaints</b>	<b>13</b>
<b>Paper Service</b>	<b>2</b>
<b>Parking Complaints</b>	<b>6</b>
<b>Public Service</b>	<b>3</b>
<b>Reckless Driving Complaints</b>	<b>4</b>
<b>Report Writing</b>	<b>6</b>
<b>Repossessions</b>	<b>1</b>
<b>Road</b>	<b>1</b>
<b>Runaway</b>	<b>1</b>
<b>SCHOOL RELATED DUTIES</b>	<b>20</b>
<b>Sexual Crimes</b>	<b>2</b>
<b>Shoplifting Complaints</b>	<b>2</b>
<b>Shots Fired</b>	<b>1</b>
<b>Sick</b>	<b>1</b>
<b>Stand By</b>	<b>4</b>
<b>Suspicious</b>	<b>16</b>
<b>Theft</b>	<b>6</b>
<b>Traffic Stop</b>	<b>108</b>
<b>Transport</b>	<b>2</b>
<b>Unlawful Visitation</b>	<b>1</b>
<b>Unwanted</b>	<b>3</b>
<b>Vehicle Maintenance</b>	<b>6</b>
<b>Walk in at Station</b>	<b>8</b>
<b>Warrant Service</b>	<b>1</b>
<b>Welfare Check</b>	<b>4</b>
<b>Total</b>	<b>704</b>

## **BEECHER POLICE DEPARTMENT CODE ENFORCEMENT**

**MAY 2019**

- 1. MAY 1<sup>ST</sup> 2019 644 ORCHARD COMPLAINT OF TALL GRASS AND JUNK IN THE YARD. GRASS HAS BEEN CUT AND HE IS IN THE PROCESS OF REMOVING THE DEBRIS.**
- 2. MAY 2<sup>ND</sup> 2019 PONDS BEHIND FAIRWAY DRIVE. AS THIS IS AN ONGOING PROBLEM WITH THE GOLF COURSE AND THE HOMEOWNERS EVERY YEAR. I AGAIN SPOKE WITH JOHN FROM THE GOLF COURSE AND HE SAID THAT HE HAS ADDED CHEMICALS TO THE PONDS. ONE OF THE PROBLEMS IS ALL OF THE RAIN THIS YEAR.**
- 3. MAY 10<sup>TH</sup> 2019 291 WOODBRIDGE. THIS IS RENTAL PROPERTY AND AMERICAN HOMES HAS BEEN NOTIFIED TO CUT THE GRASS.**
- 4. MAY 10<sup>TH</sup> 2019 621 MEADOW LN TALL GRASS. GRASS HAS BEEN CUT.**
- 5. MAY 13<sup>TH</sup> 2019 537 OAK PARK AVE. TALL GRASS AND DUMPSTER AT RESIDENCE. GRASS HAS BEEN CUT AND DUMPSTER REMOVED.**
- 6. MAY 13<sup>TH</sup> 2019 TALL GRASS LOTS IN HUNTERS CHASE. PHILLIPPE HAS BEEN NOTIFIED AND IS WORKING ON THE LOTS. DUE TO THE AMOUNT OF RAIN THEY ARE BEHIND.**
- 7. MAY 13<sup>TH</sup> 2019 TALL GRASS FAIRWAY AND DIXIE. COMMERCIAL LOT HAS BEEN CUT BUT COULD USE SOME CLEAN-UP BECAUSE OF THE HEAVY GRASS.**
- 8. MAY 13<sup>TH</sup> VACANT LOT BETWEEN WALTS AND NURSING HOME. LOT HAS BEEN CUT.**

9. **MAY 15<sup>TH</sup> 2019 250 TIMBERS BLUFF. SPOKE WITH MRS. SKOLD REGARDING THE TALL GRASS. HER HUSBAND CAN NO LONGER CUT THE GRASS BECAUSE OF HIS AGE SO SHE WILL HAVE SOMEONE ELSE CUT THE GRASS. GRASS HAS BEEN CUT.**
10. **MAY 15<sup>TH</sup> 2019. TALL GRASS IN NANTUCKET COVE. CONTACTED MR. JOHNSON WHO HAS RECEIVED PERMISSION TO CUT THE GRASS IN THIS AREA. HE HAS STARTED THE CUTTING BUT HAS BEEN HINDERED DUE TO THE RAIN. AS SOON AS WEATHER PERMITS HE WILL CONTINUE CUTTING.**
11. **MAY 16<sup>TH</sup> 2019 291 FAIRWAY DRIVE. CONTACTED THE PROPERTY OWNER AND HE WILL HAVE HIS SON CUT THE PROPERTY.**
12. **MAY 24<sup>TH</sup> 2019 291 FAIRWAY DRIVE. GRASS IN FRONT AND BACK WAS CUT. VILLAGE HALL CONTACTED TADPOLES TO CHECK ON LOT. IF IT IS NOT CUT THEY WERE AUTHORIZED TO CUT THE LOT BY MR. BARBER.**

## **BEECHER EMA REPORT**

**MAY 2019**

- 1. May 4<sup>th</sup> 2019 5k Run in Cardinal Creek 5 VOLUNTEERS ATTENDED FOR A TOTAL OF 5 HOURS**
- 2. MAY 31<sup>ST</sup> 2019 ASSIST BEECHER PD WITH AN ACCIDENT EAGLE LAKE ROAD AND DIXIE 3 VOLUNTEERS RESPONDED FOR A TOTAL OF 3 HOURS**

**TOTAL EMA HOURS FOR MAY 8**

## **BEECHER POLICE DEPARTMENT COMMUNITY POLICING**

**MAY 2019**

- 1. MAY 15<sup>TH</sup> 2019 BEECHER BINGO AT THE MANOR TWO EMA AND TWO OFFICERS ATTENDED.**

# Village of Beecher

## Monthly Water Department Report

May 2019

### System Pumping Data

Total Gallons Pumped: 13,792,000    Monthly Average: 445,000  
Peak Day: 553,000 Gal. 05/20/19

### Well Pumping Data

Well #3 Total Gallons: 4,102,000    Daily Average 132,000  
Well #4 Total Gallons: 5,956,000    Daily Average 192,000  
Well #5 Total Gallons: 3,734,000    Daily Average 120,000

### Chemical Usage

Total Pounds Chlorine used: 529.0    Well #3: 159.6    Well #4: 222.1  
Well #5: 147.3

Total Pounds Aqua Mag used: 2,058    Well #3: 624    Well #4: 898  
Well #5: 536

Total Gallons Fluoride used :0            Well #3:0            Well #4: 0            Well #5:0

# Village of Beecher Wastewater Treatment Plant

## Monthly Report

Month; May 2019

Year: 2019

Total Gallons. MGD

Influent: 31.85 MGD

Daily Maximum: 2.0 MGD

Effluent: 31.85 MGD ( NOTE ) Based on Influent Flow due to Final Effluent Flow Meter Being Out Of Service.

Daily Maximum: 2.0 MGD

Minimum : .0.63 MGD

Average Daily Flow .1.03 MGD

Excess Flow: 5.31 MGD

Chlorine Used (Lbs): 0

Excess Treated 0 MGD

Rainfall/Precipitation Inches. 10.0 Inches

Return Sludge. 21.04 MGD

Dry Sludge Removed (Cubic Yards): 0

Liquid Sludge Hauled Gallons: 0

**\*Laboratory Information ; Effluent\***

**5 Day CBOD AVG : 1.45 mg/l** (Daily max): 1.90 mg/l  
**Total Suspended Solids AVG : 1.30 mg/l** (Daily max): 1.40 mg/l  
**Ammonia Nitrogen Avg: 0.39 mg/l** (Daily max): 0.57 mg/l  
**99.4% average removal rate BOD 97.5 % average removal rate SUSPENDED**

**\*Laboratory Information; Influent\***

**Average 5 Day BOD : 82.50 mg/l** **Average TSS: 220 mg/l**  
**Ammonia Nitrogen Avg; 15.32 mg/l** **(Daily max): 23.0 mg/l**

**Equipment issues,repairs,maintenance.**

**\* FINAL EFFLUENT FLOW METER\*** out of service due to age. 23 years of service, will be replaced per expansion updates\*. **CLARIFIERS** monthly maintenance performed.. **\*OXIDATION DITCH** weekly maintenance performed. **\*BLOWER** monthly maintenance performed. **RAS pump station:** pump #1 out of service, pump pulled, found damaged rear pump flange due to excessive vibrations, possible damaged pump base,,pump has been in service since 2010, when installed new.

**\*LABORATORY\***

\*

**\*.Monthly DMR** lab analysis performed and completed.

**\*Monthly** Final Effluent and Raw Influent ammonia nitrogen .samples analysis performed and completed by Arro Laboratory Inc. also 2019 503 regulation sludge

samples for analysis. .

**\*Monthly** Upstream/Downstream samples analysis performed and completed by Suburban Laboratories Inc., Month of April 2019 NPDES DMR reports completed , and submitted.

**\*PLANT PROCESS CONTROL\***

Continue implementing an activated sludge process control monitory analysis consisting of monitoring daily , weekly, monthly aeration tanks solids inventory, mixed liquor suspended solids,settling,Ph analysis, dissolved oxygen,analysis, flow adjustments, return sludge monitoring and adjustments, secondary clarifier blankets monitoring,sludge wasting rates adjustments and improvements, microscopic analysis of micro biological activity in the system, balancing sludge digestion in digestors through wasting, decanting,.

Sincerely,

John Hernandez, Chief Operator WWTP