



# KANE COUNTY

WOJNICKI, Weber, Allan, Barreiro, Davoust, Kious, Sanchez

## ENERGY AND ENVIRONMENTAL COMMITTEE

FRIDAY, JANUARY 11, 2019

---

County Board Room

Agenda

9:00 AM

Kane County Government Center, 719 S. Batavia Ave., Bldg. A, Geneva, IL 60134

---

1. **Call to Order**
2. **Approval of Minutes:** December 12, 2018
3. **Environmental (J. Wollnik)**
  - A. Presentation: Environmental Program Overview (attached)
4. **Recycling/Solid Waste (J. Jarland)**
  - A. Presentation: 2019 KCR Green Guide (attached)
  - B. Presentation: IFSC Networking Event (attached)
5. **Sustainability (J. Mino)**
  - A. Presentation: Electric Vehicle Charging Stations (attached)
  - B. **Resolution:** Approving an Intergovernmental Agreement between Kane County and the Village of Montgomery for the Purpose of Providing an Electric Vehicle Charging Station
  - C. Update: ComEd Public Sector New Construction Program (attached)
  - D. Presentation: CUB Solar (attached)
6. **New Business**
7. **Public Comment**
8. **Reports Placed on File**
9. **Executive Session (If Needed)**
10. **Adjournment**



# *Kane County Division of Environmental & Water Resources*



## Overview of Staff & Programs



January 11, 2019

Jodie Wollnik, P.E. Director  
Division of Environment & Water Resources

Jennifer Jarland, Recycling Coordinator  
Environmental & Water Resources

Jessica Mino, Resource Management Coordinator  
Environmental & Water Resources

Karen Miller, *Executive Planner*  
Development Department



# Kane County Division of Environmental & Water Resources



Jodie Wollnik, P.E.  
*Director*  
[wollnikjodie@co.kane.il.us](mailto:wollnikjodie@co.kane.il.us)

# Environmental Programs

*Programs that are discussed at monthly E&E Committee meetings include:*

- ☞ Recycling & Solid Waste: Programs, Events, Outreach
- ☞ Sustainability
- ☞ Stormwater Management
- ☞ Electric Aggregation
- ☞ Green Infrastructure, Solar Projects
- ☞ Projects guided by implementation of County Plans
- ☞ Water Trails, Tree Initiatives



# Kane County Division of Environmental & Water Resources



Jennifer Jarland  
Recycling Coordinator  
[jarlandjennifer@co.kane.il.us](mailto:jarlandjennifer@co.kane.il.us)

# Kane County Recycles



Jennifer Jarland,  
Recycling Program  
Coordinator

- ☞ Annual Hauler Licensing & Data Collection
- ☞ Kane County Solid Waste Plan and Updates
- ☞ Recycling Events (in-house management)
  - Electronics & Book Recycling (Apr - Nov)
  - Paint Recycling (May, Jul, Sept)
  - Document Shredding (May, Jun, Aug, Sept)
  - Extravaganza (July)
- ☞ Electronics Recycling Drop-offs (partnering with eWorks Electronics Services)
  - 2 locations: West Dundee, Batavia
  - Open 8 hours/day, 5 days/week, year round.



**Kane County Recycles**

Phone: 630.208.3841  
Fax: 630.208.3837  
Email: [recycle@countyofkane.org](mailto:recycle@countyofkane.org)

## Solid Waste Plans

[2015 Kane County Solid Waste Management and Resource Recovery Plan Update](#)  
[2009 Kane County Solid Waste Plan Update](#)  
[2004 Kane County Solid Waste Plan Update](#)  
[1997 Kane County Solid Waste Plan Update](#)  
[1992 Kane County Solid Waste Plan](#)



# Kane County Recycles



Jennifer Jarland,  
Recycling Program  
Coordinator



- ☞ **Household Hazardous Waste Collection Program** (contracted)
- ☞ **Household Hazardous Waste Drop-off** (contributing to Naperville)
- ☞ **Compost Bin Sales** (partnering with University of Illinois Extension office)
- ☞ **Public Response**
  - Thousands of phone calls & emails annually



# Kane County Recycles



Jennifer Jarland,  
Recycling Program  
Coordinator

## Education & Outreach

- Kane County Recycles Green Guide
- Kane County Recycles website
- Public Speaking
- Radio Interviews
- Tabling



## Kane County Green Guide

# RECYCLES

2019

Kane County Recycles Office: [recycle@countyofkane.org](mailto:recycle@countyofkane.org) • 630-208-3841

**2019 Event Dates:**

- Apr 13 - Electronics & Books
- May 11 - Electronics, Books, Doo Shred, Paint
- Jun 8 - Electronics, Books, Doo Shred
- Jul 13 - EXTRAGANZA
- Aug 10 - Electronics, Books, Doo Shred
- Sept 14 - Electronics, Books, Doo Shred, Paint
- Oct 12 - Electronics & Books
- Nov 9 - Electronics & Books

See page 2 for details on above events.  
Note: Things change! Please always check the website. Contact staff when.

### YOU can help improve recycling!

Did you know that material placed in recycling carts in Illinois is actually made up of 25-35% garbage? As you can imagine, this causes a number of problems. It weighs down sorting facilities, reduces commodity prices, affects the remanufacturing markets, and increases costs for local governments and ultimately residents.

In 2018 a state task force was formed to bring recycling industry stakeholders together to develop straightforward recycling education materials to help residents better understand what items should be placed in recycling carts and what items should be kept out.

These new amplified guidelines can be found on page 11, with more detailed information on the Kane County Recycles webpage. Please follow these guidelines to help us preserve the integrity of the recycling system so as to recover and reuse as many of our valuable resources as possible.

Plastics are the most commonly misidentified items when it comes to recycling. Fact: the resin identification code number in the triangle does not mean that a plastic object is recyclable! As I always say, forget the numbers, and look at the shape! Plastic containers - bottles, tubs, jugs and jugs - are the only plastic items you should place in your outside carts. Plastic bags (see p. 12) are recyclable but not in your cart!

**Your commitment to recycling right has a real impact.** Thank you for your efforts! Sincerely, [Jennifer Jarland](mailto:j.jarland@kane.org), Kane County Recycling Coordinator

#### Municipal Waste & Recycling Haulers

Hauler	Contact	City or Township Service Area
Advanced Disposal Services	630-587-8282	Berlin, Mill Creek, S.E.A., Plainbury
DC Recycling Systems	815-758-7274	Sage Grove, Montgomery, Mifflin & Hunt Townships
Lakestone Recycling Systems	630-261-0578	East Dundee, Piquette Grove
Great Industries	877-775-1200	Algonquin, Aurora, Big Rock, Burlington, Carytownville, Shrews Hollow, South Elgin, West Dundee, Elgin Township
Lakestone Recycling Systems	630-581-8650	Elmhurst, Geneva, St. Charles
MDC Environmental Services	815-568-7274	Gilberts, Huntley
Waste Management	800-964-8988	Elgin, Herrington, Kaneville, Maple Park, North Aurora, Oak City, Del Webb, Crestwood Township

This list may be subject to change; check website for updates. Unannounced. County residents may contact with any of the licensed haulers operating in Kane County. See: <http://www.countyofkane.org/Recycling/Documents/LicensedHaulers.pdf>

This Guide is printed on 100% post-consumer recycled content paper.



## ∞ Partnerships

- ❖ Illinois Food Scrap Coalition (IFSC) [illinoiscomposts.org](http://illinoiscomposts.org)
- ❖ Illinois Counties Solid Waste Management Association (ILCSWMA) [ilcswma.org](http://ilcswma.org)
- ❖ Illinois Recycling Association (IRA) [illinoisrecycles.org](http://illinoisrecycles.org)
- ❖ Solid Waste Agency of North America Illinois Chapter (SWANA-IL) [swanaillinois.com](http://swanaillinois.com)



# Kane County Division of Environmental & Water Resources



Jessica Mino  
Resource Management Coordinator  
[minojessica@co.kane.il.us](mailto:minojessica@co.kane.il.us)

## ∞ Implementing the Kane County Operational Sustainability Plan

- Adopted February 2013
- Focus areas of plan:



*Fleet and Driving*



*Grounds and Roads*



*Purchasing*



*Facilities*



*Workplace Habits*



*Employee  
Wellness*

## ∞ Sustain Kane

### ○ Education & Outreach

- Internal staff education
- Promoting sustainability efforts to public
  - Kane County Connects
  - Coordinate with local organizations:  
Fox Valley Sustainability Network, The Conservation Foundation, International Society of Sustainability Professionals, Healthy Places Coalition, Chicago Metropolitan Agency for Planning

### ○ Public Response



# Sustainability

Jessica Mino,  
Resource Management  
Coordinator

## ☞ Sustainability Projects

- Electric Vehicle Charging Stations
- *No Idling* signs
- Solar project for Animal Control facility
- Government Center native plant (and pollinator)/rain garden



## ☞ Upcoming projects

- Electric Vehicle Charging Station for the Village of Montgomery
- Energy & water conservation retrofits to County buildings

## ☞ Pursuing sustainability initiatives at the regional scale



# Stormwater Management

Jessica Mino,  
Resource Management  
Coordinator

## ☞ Illinois EPA NPDES Permit (State-mandated program)

- Maintain NPDES MS4 Permit (with Notice of Intent)
- Implement Stormwater Management Program Plan (SMPP)
- Submit Annual Report

## ☞ Program includes:

1. Public Education and Outreach
2. Public Participation and Involvement
3. Illicit Discharge Detection and Elimination
4. Construction Site Runoff Control
5. Post-Construction Runoff Control
6. Pollution Prevention and Good Housekeeping

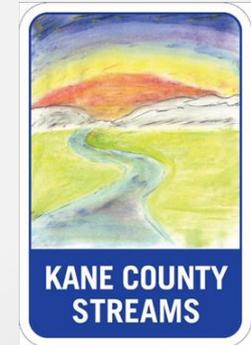


# Clean Water for Kane

Jessica Mino,  
Resource Management  
Coordinator

## ∞ Education & Outreach

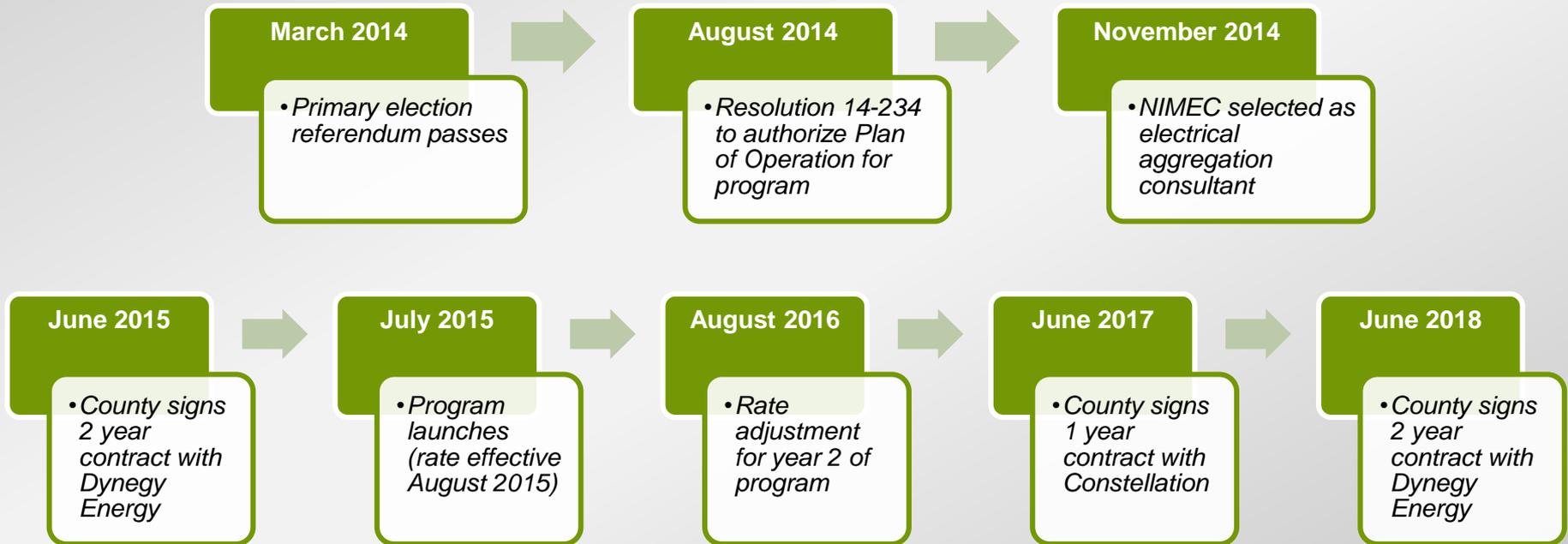
- **Staff**
  - World Water Day education
  - Maintain Government Center Rain Garden (for public as well)
- **Other Municipalities with NPDES Permit**
  - MS4 Corner e-newsletter (monthly)
  - Center for Watershed Protection webcasts
  - County Annual Report used as reference document
  - Annual Deicing Workshop
- **Public**
  - Events (One Earth Film Festival, Aurora Greenfest, etc.)
  - Coordinate with local organizations and schools:
    - Friends of the Fox River, Fox River Ecosystem Partnership,
    - Fox River Study Group, Fox Valley Sustainability Network
  - Stem-A-Palooza
  - *Kane County Connects* articles
  - *Kane County Streams* signs



# Electric Aggregation Program

Jessica Mino,  
Resource Management  
Coordinator

- Provide electrical supplier options and seek lower electric rates for residents & small businesses in unincorporated Kane County



# Electric Aggregation Program

Jessica Mino,  
Resource Management  
Coordinator

Traditional Rate	100% Renewable Rate*	Term	Comparable "ComEd" Rate
7.08 cents per kWh	7.16 cents per kWh	Aug. 2017 – Aug. 2018	7.75 cents per kWh
7.026 cents per kWh	7.248 cents per kWh	Aug. 2018 – Aug. 2020	7.335 cents per kWh

\*All participants are enrolled in the Traditional Rate Program unless requested otherwise.

☞ Over **92%** enrollment in program > 13,800 accounts

☞ Savings for community

- **\$17.69** (Aug. 2018 – Dec. 2018) \*Approximate based on average household usage
- **\$63.97** (Aug. 2018 – Aug. 2020) \*Predicted based on average household usage





# *Kane County Planning Division Staff*

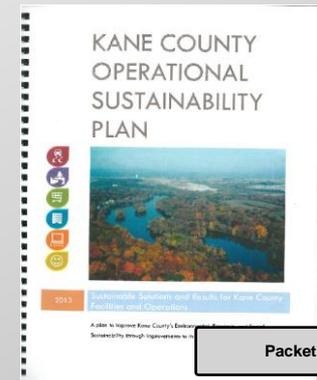
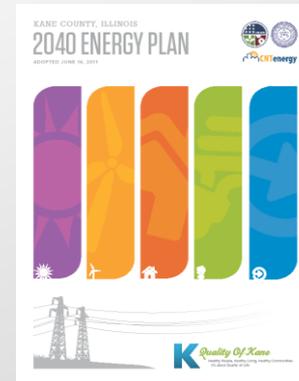
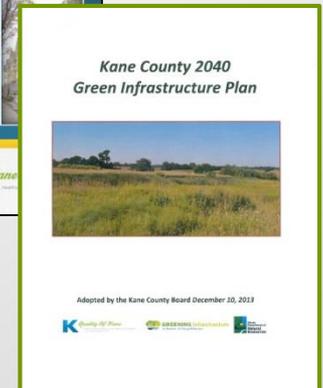


Karen Ann Miller, AICP  
*Executive Planner*  
[millerkaren@co.kane.il.us](mailto:millerkaren@co.kane.il.us)

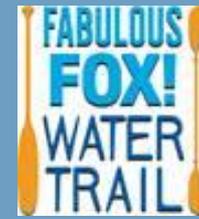
# Energy & Environmental Projects

## Projects guided by implementation of:

- ☞ KC 2040 Plan
- ☞ KC 2040 Green Infrastructure Plan
- ☞ KC 2040 Energy Plan
- ☞ KC Operational Sustainability Plan



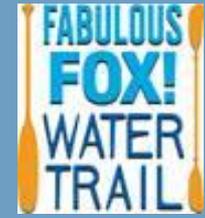
# Fabulous Fox! Water Trail



NATIONAL WATER  
TRAILS SYSTEM

Partnership to develop a National Park Service designated water trail along the entire length of the Fox River to *provide suitable **access to the public**, to enjoy the quiet and **active recreation**, scenic **beauty**, abundant wildlife, and **historic and cultural features**. Communities along the Fox River embrace **stewardship** and **public engagement** to provide a **sense of place**.*

# Fabulous Fox! Water Trail



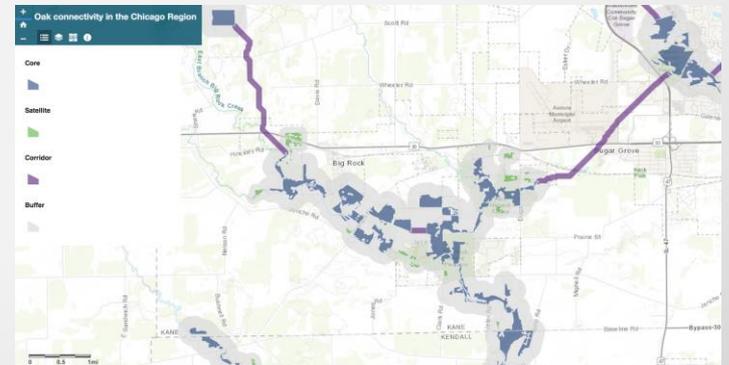
- ∞ Maps
- ∞ Interactive website
- ∞ Brochures
- ∞ Management Plan
- ∞ Designation by NPS

# Chicago Region Trees Initiative



A partnership for coordinated action on key issues facing trees.

- 🌿 Oak Ecosystem Recovery Plan
  - Private Landowner Outreach for Oak Recovery



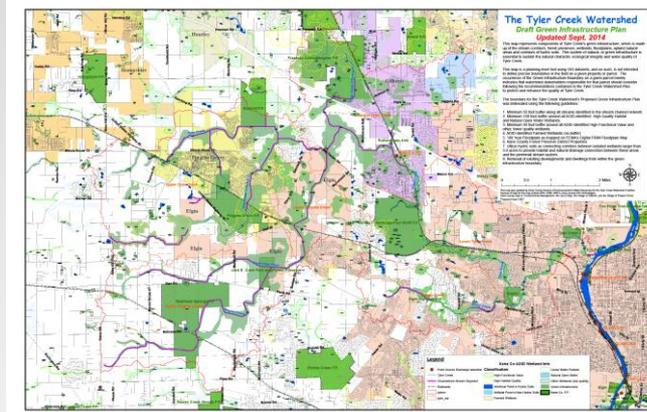
- 🌿 Tree Preservation Ordinance Templates
- 🌿 Tree Canopy Cover



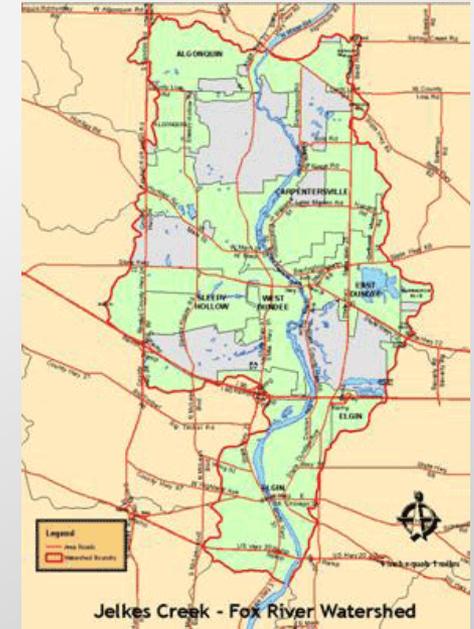
# Watershed Plans



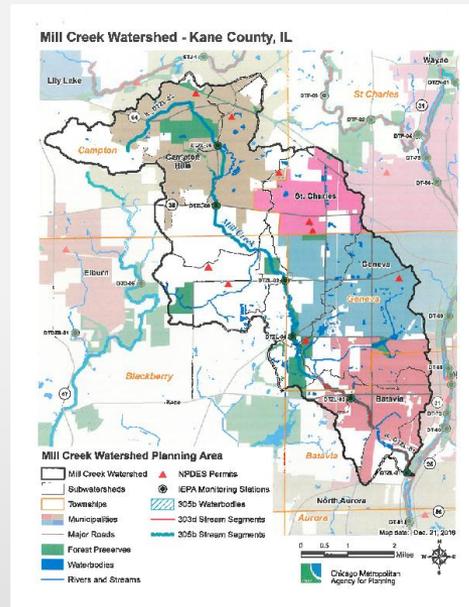
☞ Tyler Creek



☞ Jelkes Creek



☞ Mill Creek



# SolSMART/Solar Energy



**Kane County is committed to becoming a more solar-friendly community**

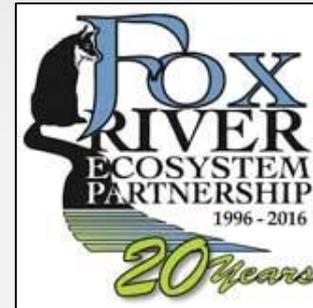
Previous planning efforts in Kane County have developed a solid framework of strategies and goals for supporting renewable energy



*Through SolSmart participation, the County will improve the process that residents and businesses must undergo in order to install solar energy systems in unincorporated Kane County.*

# Partnerships

☞ Fox River Ecosystem Partnership



☞ The Conservation Foundation



☞ Fox Valley Sustainability Network



☞ Chicago Wilderness Climate Committee





# *Kane County Division of Environmental & Water Resources*



## QUESTIONS

?





# 2109 Kane County Recycles Green Guide



Energy & Environmental Committee - January 11<sup>th</sup>, 2019

# The 2019 Green Guide is HERE!

## CONTENTS INCLUDE:

- ❖ Event Dates & details
- ❖ Article of encouragement
- ❖ Hauler contacts
- ❖ Electronics Drop-offs (and other D.O. locations)
- ❖ Hazardous Waste Programs
- ❖ Sustain Kane & Clean Water for Kane articles
- ❖ Composting
- ❖ A-Z list of Reuse & Recycle Opportunities
- ❖ RECYCLING GUIDELINES
- ❖ And more!

**Kane County Green Guide 2019**  
**RECYCLES**  
 Kane County Recycles Office: recycle@countyofkane.org • 630-208-3841

**2019 Event Dates**  
 Apr 13 - Electronics & Books  
 May 11 - Electronics, Books  
 Jun 8 - Electronics, Books  
 Jul 13 - E-TOX/AGAZZA  
 Aug 10 - Electronics, Books  
 Sep 14 - Electronics, Books  
 Oct 12 - Electronics & Books  
 Nov 9 - Electronics & Books  
 See page 2 for details on these events.  
 Note: Drop-off hours change each week. For more info, contact our office.

**YOU can help improve recycling!**  
 Did you know that material placed in recycling bins in Illinois is actually re-used? Of 25-30% paper? Any out images, this causes a number of problems. It weighs down on the landfill, makes composting more difficult, the remaining materials, and increases costs for local governments and ultimately residents.  
 In 2016 a state task force was formed to bring recycling industry stakeholders together to develop standardized recycling education materials to help residents better understand what items should be placed in recycling bins and what items should be kept out.  
 These new simplified guidelines can be found on page 11, with more detailed information on the Kane County Recycles webpage. Please follow these guidelines to help us preserve the integrity of the recycling process so as to recover and reuse as many of our valuable resources as possible.  
 Plastics are the most commonly mismanaged item when it comes to recycling. First, the resin identification code number in the triangle does not mean that a plastic object is recyclable. Always use the numbers, and look at the shape. Plastic containers - bottles, tubs, jugs and jans - are the only plastic items you should place in your curbside cans. Plastic bags (see p. 12) are recyclable but not in your cans.  
 Your commitment to recycling right has a real impact. Thank you for your effort!  
 Sherryl, Board for Kane County Recycling Coordinator

**inside . . .**  
 A-Z List of Reuse and Recycle Opportunities . . . 8-10  
 Reuse . . . 5  
 Computer & Computer Store . . . 7  
 Donorware Banking . . . 2  
 Drop-off: Electronics . . . 9  
 Drop-off: Recycling: Text, Paper, Tubs . . . 6  
 Electronics . . . 10  
 Home . . . 10  
 Household Hazardous Waste . . . 4  
 Junk Mail . . . 7  
 Lawn Care . . . 5  
 Medicines/Pharmaceuticals . . . 4  
 News Bins . . . 12  
 Oil/Flare . . . 10  
 Recycling Guidelines for paper containers . . . 11  
 Service Fees . . . 7

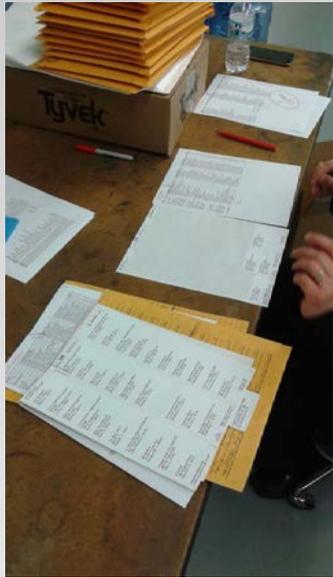
**Municipal Waste & Recycling Haulers**

Hauler	Contact	City or Township Service Area
Advanced Disposal Services	630-583-2821	Berwyn, Hill, Cook, S.E.A., Westbrook
DCI Recycling Systems	815-759-7224	Steger, Grove, Montgomery, Vandalia, West Township
Advanced Disposal Services (at Jackson Recycling Systems company)	630-312-0578	East Dundee, Naperville, O'Fallon
Rock Brothers & Disposal Co.	877-775-1200	Algonquin, Aurora, Big Rock, Burlington, Caryville, Elmhurst, Elgin, Huntley, Joliet, Plainfield, Wood Dale, Woodstock
Green Industries	815-548-7224	Elmhurst, Geneva, St. Charles
Landshark Recycling Systems	630-561-8500	Elgin, Hampshire, Knoxville, Maple Park, North Aurora, Oak Crest, Oak Park, O'Fallon, Plainfield Township
MEDC Environmental Services	815-548-7224	Elmhurst, Geneva, St. Charles
Waste Management	800-966-4988	Elgin, Hampshire, Knoxville, Maple Park, North Aurora, Oak Crest, Oak Park, O'Fallon, Plainfield Township

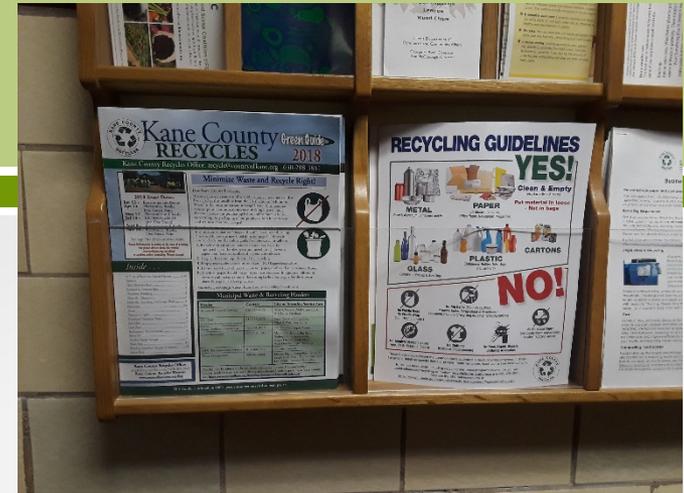
This list may be subject to change, check website for updates. Unincorporated Country residents may contract with any of the licensed haulers operating in Kane County. See <http://www.countyofkane.org/Recycling/Documents/LicensedHaulers.pdf>

This Guide is printed on 100% post-consumer recycled content paper.

# The 2019 Green Guide

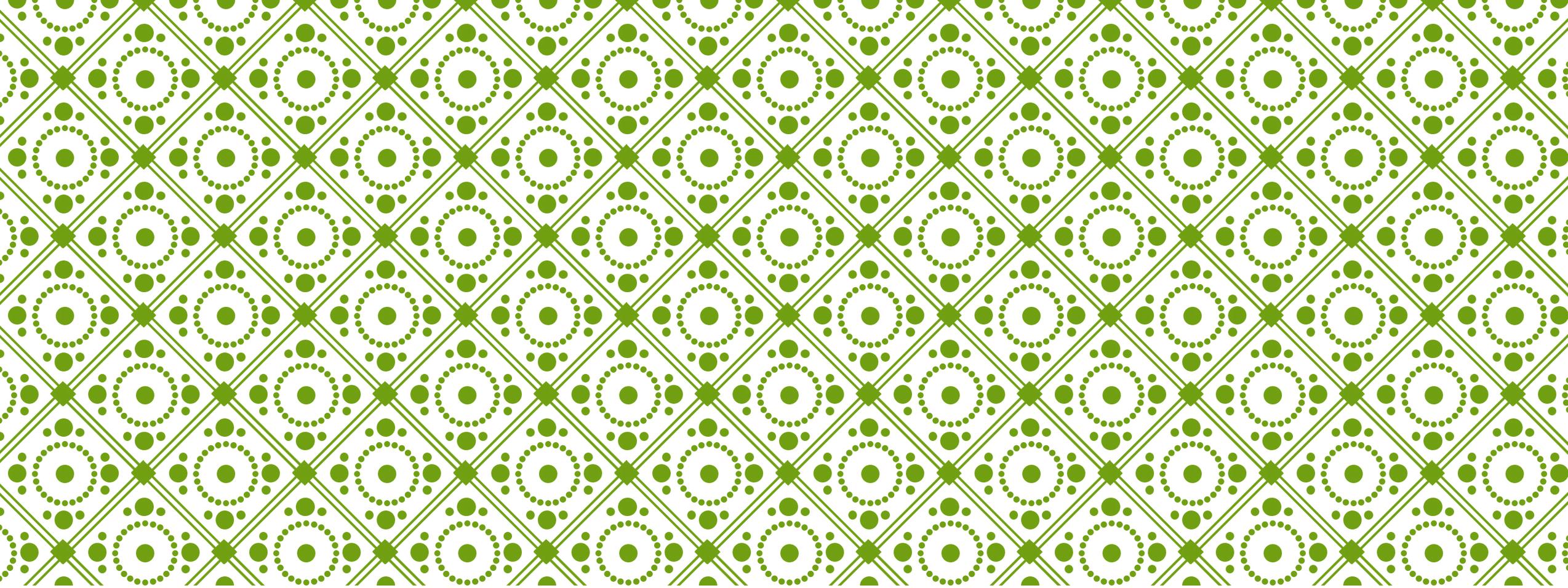


- ❖ 30,000 copies printed
- ❖ Distributed widely via:
  - individual mail
  - Bulk shipments to libraries, churches, schools, town halls, city offices, businesses



- ❖ Handed out at events, tabling opportunities, & county offices
- ❖ Please take as many copies as you LIKE. People **LOVE** it!





**IFSC MEMBER APPRECIATION AND NETWORKING EVENT INVITATION**



**YOU ARE INVITED: JOIN US IN CELEBRATION OF OUR ACCOMPLISHMENTS AND HAVE FUN NETWORKING!**



**WHEN: THURSDAY, JANUARY 31ST, 5-8PM**

**WHERE: HOPCAT CHICAGO, 2577 N CLARK ST, CHICAGO**

Please join us for our first annual IFSC Member Appreciation & Networking Event to celebrate a great 2018 and get to know your fellow composters, haulers, business owners, community organizers, and composting advocates. We want to say thank you for your work in supporting composting in Illinois and give you an opportunity to meet and join the movers, shakers, and leaders in this active industry.

This is a zero-waste event at a gold We Compost partner and all food scraps will be composted. Through the generous support of our event sponsors Appetizers and Drink tickets will be provided & Attendance is free.



Please RSVP @ [www.illinoiscomposts.org](http://www.illinoiscomposts.org)



# Electric Vehicle Charging Stations

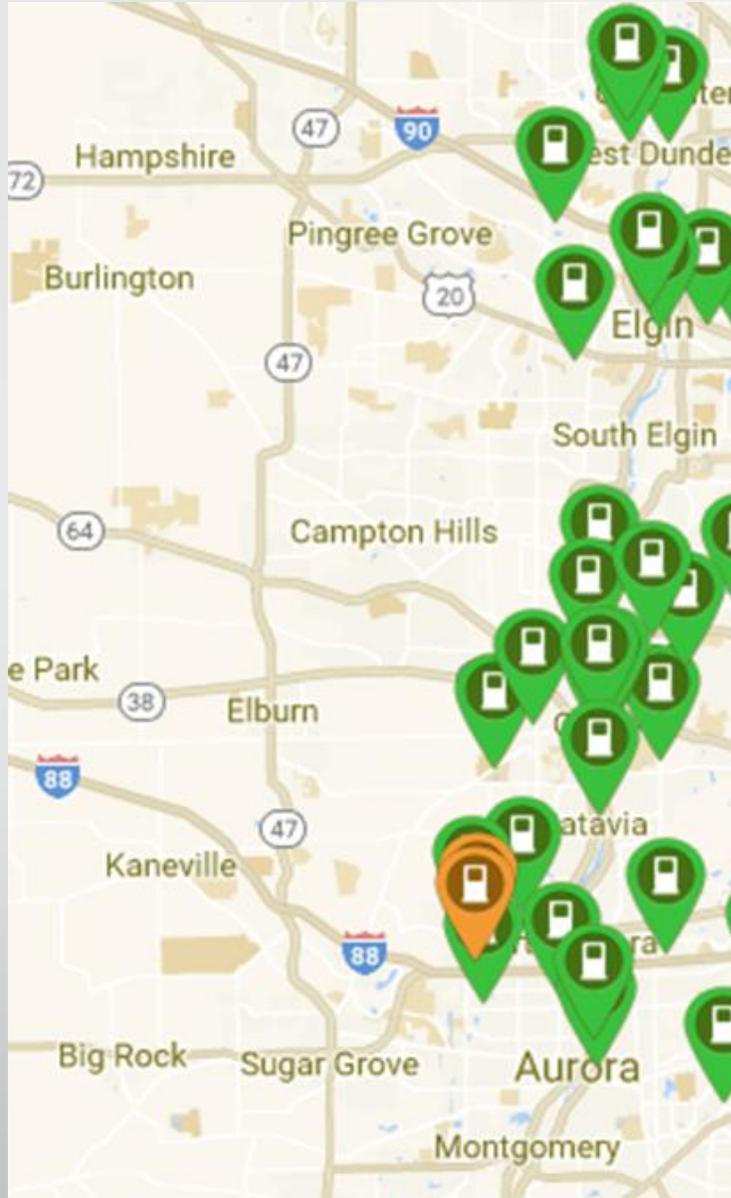
**Kane County Network**



Presented by: Jessica Mino

Resource Management Coordinator

February 11, 2019



# Current Network within Kane County

# Advantages of County Charging Stations

- **Draw EV drivers** to Kane County for restaurants, shopping, businesses, and events
- **Create sufficient network** for Kane County EV drivers – both residents and workers
- Supports **Kane County Operational Sustainability Plan**

Strategy D2 – Action Item 1: Install alternative fuel infrastructure, as appropriate

# Challenges of Expanding Network

- Networking and Maintenance Costs
- Convenient and user-friendly location for additional station on County property

## KANE COUNTY Electric Vehicle Charging Stations



**Kane County Courthouse**  
100 S. 3rd Street  
Geneva, IL 60134

**Kane County Government Center**  
719 S. Batavia Ave.  
Geneva, IL 60134

**Kane County Health Department**  
1240 N. Highland Ave.  
Aurora, IL 60506

**SUSTAIN KANE**  
economy • environment • people

 Kane County's 3 Electric Vehicle (EV) Charging Stations for public use are Charge Point Level 2 charging ports – meaning a faster charge for your EV! [chargepoint.com](https://www.chargepoint.com)

Find Kane County EV information at:  
[countyofkane.org/sustainability](https://www.countyofkane.org/sustainability)

Find other EV charging stations at: [plugshare.com](https://www.plugshare.com)

# What next?



Expand network

AND



Minimize or eliminate networking and maintenance costs for County

# Pilot Program

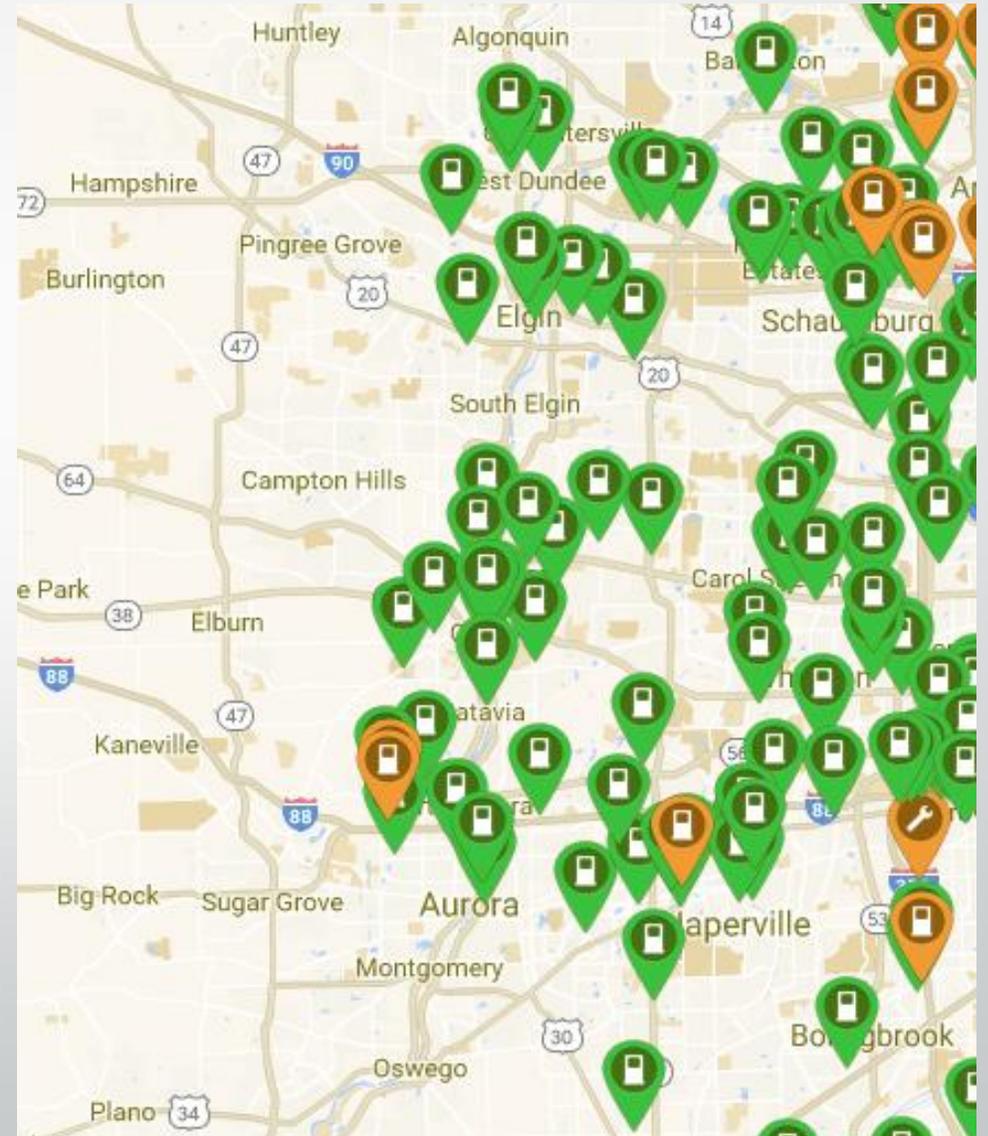
## ➤ Partner with a Municipality

### County

- + Grant funding for EV charging station equipment
- Desires a sustainable source for O&M costs

### Municipality

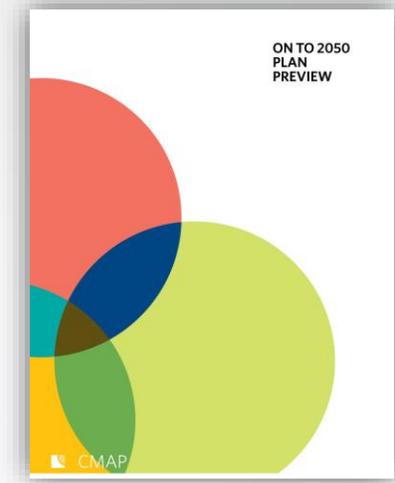
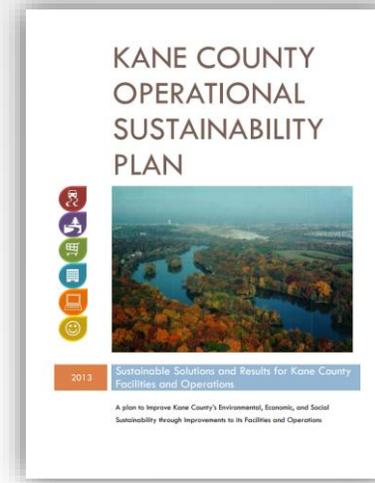
- + Desire to install and operate EV charging station
- Needs funding to acquire EV charging station equipment



# Pilot Program

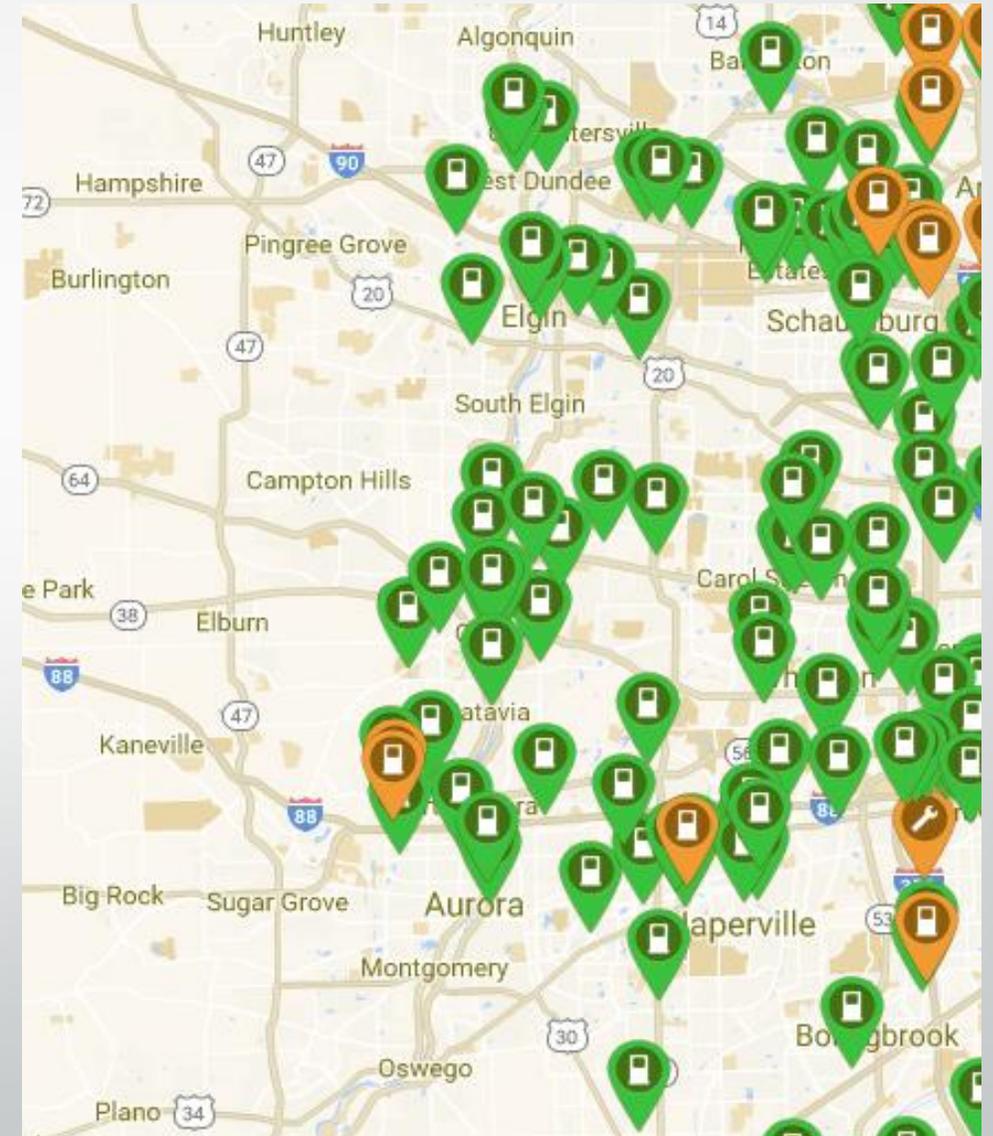
- Supports County Goals

- **Kane County Operational Sustainability Plan** – Strategy D2, Action Item 1: “Install alternative fuel infrastructure, as appropriate”
- **CMAP On To 2050 Plan** - Goal: Collaboration at All Levels of Government  
Strategy: Proactively plan to share services, staff, and procurement
- Kane County and the Village recognize that there is a *need for electric vehicle charging stations to facilitate and support alternative fuel sources*



# Pilot Program

- The Village of Montgomery
  - Southern extent of County
  - Village driven to install electric vehicle charging stations





# Pilot Program - IGA



- **Kane County**
  - ❑ Provide electric vehicle charging station equipment
  
- **The Village of Montgomery**
  - ❑ Install charging station (electrical and restoration work)
  - ❑ Operate and Maintain charging station, providing accessibility for general public

Asking for approval of the **Resolution** authorizing the County to **enter into the Intergovernmental Agreement** with the Village of Montgomery to install, operate, and maintain an electric vehicle charging station.

Questions?





## RESOLUTION/ORDINANCE EXECUTIVE SUMMARY

### Resolution No.

Approving an Intergovernmental Agreement Between Kane County and the Village of Montgomery for the Purpose of Providing an Electric Vehicle Charging Station

**Committee Flow:** Energy and Environmental Committee, Executive Committee, County Board

**Contact:** Jessica Mino, 630.208.8665

### Budget Information:

Was this item budgeted? Yes	Appropriation Amount:\$6,060
If not budgeted, explain funding source:	

### Summary:

Kane County (County) and the Village of Montgomery (Village) aim to cooperate to reach mutual goals regarding the installation of alternative fuel infrastructure, as specified by the Kane County Operational Sustainability Plan. The County and Village have found a solution for installing and maintaining an electric vehicle charging station within both County and Village limits.

To make this possible, the County and Village wish to enter into an Intergovernmental Agreement. The County will contribute the electric vehicle charging station equipment, and the Village will contribute the installation, operation, and maintenance costs. This resolution authorizes the execution of the "Intergovernmental Agreement Between Kane County and the Village of Montgomery for the Purpose of Providing an Electric Vehicle Charging Station."

STATE OF ILLINOIS

COUNTY OF KANE

RESOLUTION NO.

**APPROVING AN INTERGOVERNMENTAL AGREEMENT BETWEEN KANE COUNTY AND THE VILLAGE OF MONTGOMERY FOR THE PURPOSE OF PROVIDING AN ELECTRIC VEHICLE CHARGING STATION**

WHEREAS, the Illinois Constitution of 1970, Article VII, Section 10 and the Intergovernmental Cooperation Act (5 ILCS 200/1 et seq.) authorize the County and Village to cooperate in the performance of their respective duties and responsibilities by contracts and other agreements; and

WHEREAS, the Kane County Operational Sustainability Plan was adopted by the County Board on February 13, 2013; and

WHEREAS, Strategy D2: "Support alternative fuel vehicle use and multimodal travel" - Action Item 1 of the Kane County Operational Sustainability Plan specifies that the County will "install alternative fuel infrastructure, as appropriate"; and

WHEREAS, the County and Village recognize that electric vehicle ownership is increasing and that there is a need for electric vehicle charging stations to facilitate and support alternative fuel sources; and

WHEREAS, the Chicago Metropolitan Agency for Planning (CMAP) On To 2050 Plan Governance Chapter states the goal of "Collaboration at All Levels of Government" with the strategy to "Proactively plan to share services, staff, and procurement"; and

WHEREAS, in accordance with the foregoing, the County and the Village desire to enter into an agreement to install, operate, and maintain an electric vehicle charging station ("Charging Station") to be made generally available to the public.

NOW, THEREFORE, BE IT RESOLVED by the Kane County Board that the Chairman is hereby authorized to enter into an Intergovernmental Agreement with the Village of Montgomery to install, operate, and maintain an electric vehicle charging station to be made generally available to the public. The contribution by Kane County will not exceed the amount of Six Thousand, Sixty Dollars (\$6,060) to be paid from Fund 650.670.670.50150.

Passed by the Kane County Board on February 11, 2019.

---

John A. Cunningham  
Clerk, County Board  
Kane County, Illinois

---

Christopher J. Lauzen  
Chairman, County Board  
Kane County, Illinois

Vote:

19-02 EV IGA

**INTERGOVERNMENTAL AGREEMENT BETWEEN KANE COUNTY AND THE  
VILLAGE OF MONTGOMERY FOR THE PURPOSE OF PROVIDING AN ELECTRIC  
VEHICLE CHARGING STATION**

This Agreement (hereafter "Agreement") is entered into this \_\_\_\_\_ day of February, 2019, by and between the COUNTY OF KANE, a body politic and corporate existing under the virtue of the laws of the State of Illinois (hereafter "County") and the VILLAGE OF MONTGOMERY, a body politic and corporate existing under and by virtue of the laws of the State of Illinois (hereafter "Village").

WITNESSETH:

WHEREAS, the Illinois Constitution of 1970, Article VII, Section 10 and the Intergovernmental Cooperation Act (5 ILCS 220/1 et seq.) authorize the County and Village to cooperate in the performance of their respective duties and responsibilities by contracts and other agreements; and,

WHEREAS, the Kane County Operational Sustainability Plan was adopted by the County Board on February 13, 2013; and,

WHEREAS, *Strategy D2: Support alternative fuel vehicle use and multimodal travel – Action Item 1* of the Kane County Operational Sustainability Plan specifies that the County will "install alternative fuel infrastructure, as appropriate"; and,

WHEREAS, the County and the Village recognize that electric vehicle ownership is increasing and that there is a need for electric vehicle charging stations to facilitate and support alternative fuel sources; and,

WHEREAS, the Chicago Metropolitan Agency for Planning (CMAP) *On To 2050* Plan Governance Chapter states the goal of *Collaboration at All Levels of Government with the Strategy: Proactively plan to share services, staff, and procurement*. This item calls for local governments to "proactively explore opportunities to share services and identify opportunities for joint procurement."

WHEREAS, in accordance with the foregoing, the County and the Village desire to enter into an agreement to install, operate, and maintain an electric vehicle charging station to be made generally available to the public ("Charging Station"); and,

NOW, THEREFORE, for and in consideration of the mutual covenants and agreements provided herein, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties agree as follows:

**I. INCORPORATION OF RECITALS.**

The facts and statements contained in the preamble of this Agreement are hereby incorporated as though fully set forth herein.

**II. COUNTY OBLIGATIONS.**

1. The County agrees to purchase all equipment necessary for the installation and operation of the Charging Station, which equipment shall be agreed upon by both parties. The equipment shall be tendered to the Village in new condition.

**III. VILLAGE OBLIGATIONS.**

1. The Village shall determine a location within its corporate limits and within the County limits where the Charging Station shall be sited, which shall be agreed upon by the County.

2. Upon delivery of possession of the Charging Station Village agrees to assume the cost of networking fees, and shall be responsible for the payment of said fees throughout the working life of the equipment, as practical.

3. The Village agrees to perform routine maintenance on the Charging Station and keep the Charging Station in good and operable condition.

4. The Village assumes the costs of desired upgrades or replacement to/of Charging Station equipment or infrastructure.

5. The Village agrees to maintain a networking system and to ensure public accessibility to the station.

6. The Village shall have no obligation to repair or replace the Charging Station if it is damaged or destroyed by a third party or Act of God.

**IV. MISCELLANEOUS PROVISIONS** 1. The Village shall have no duty to continue its obligations under this Agreement beyond four (4) years of the above stated date if, within its sole discretion, it finds that the technology has become obsolete or that the costs of running the Charging Station outweigh the benefit it provides to the public.

2. Neither this Agreement, nor any of the rights, interests, or obligations under the Agreement, shall be assigned, in whole or in part, by operation of law or otherwise by either party without the prior written consent of the other party.

3. The provisions of this Agreement shall be governed by and construed and enforced in accordance with the laws of the State of Illinois. Jurisdiction shall be in the Circuit Court of the Sixteenth Judicial Circuit, Kane County, Illinois.

IN WITNESS WHEREOF, the parties have executed and entered into this Agreement on the date and year first written above.

**COUNTY OF KANE**

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

Christopher J. Lauzen, Chair

**VILLAGE OF MONTGOMERY**

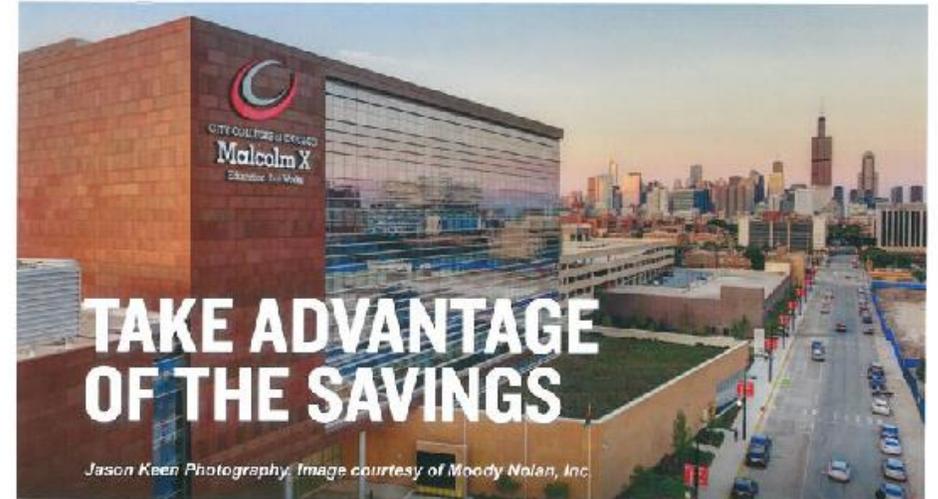
By: \_\_\_\_\_

Matthew Brolley, President

# Update

- Building Dept.

**ComEd**  
Energy Efficiency Program



## Public Sector New Construction Overview

**ON-DEMAND WEBINAR**

Find out how to generate long-term energy and cost savings through the ComEd® Energy Efficiency Program public sector new construction offerings. Maximize benefits and incentives for your next new construction or major renovation project. In this on-demand webinar, ComEd energy efficiency experts outline eligibility requirements, services and incentives, and share engagement timelines, successful real-world case studies, and tips for streamlining the application process.

Download and watch today at [seventhwave.org/publicsector](https://seventhwave.org/publicsector)

**ComEd Energy Efficiency Program Presenters**

**Jean Ascoli**  
Senior Energy Efficiency Program Manager

**Cassie Carroll**  
Public Sector Outreach Specialist

**WEBINAR PARTNER**

**SEDAC**  
Sustainable Energy Design and Construction

**WEBINAR HOST**

**ComEd** | powering lives  
An Exelon Company



# Solarize

AN OPPORTUNITY TO  
“SOLARIZE KANE COUNTY”

*Help your residents get solar for  
their homes through a group buy*

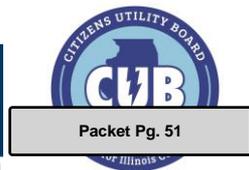
January 2019 – Citizens Utility Board



The Citizens Utility Board (CUB) is a lead partner with the Midwest Renewable Energy Association on Solarize Kane County.

Does your city want to help advance this program?

*Interested cities are asked to commit by Friday April 12<sup>th</sup> (but the earlier the better).  
No costs; only staff time.*



# Example:

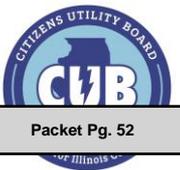
## Solarize Urbana- Champaign (2018)

- 564 kW on 46 homes/businesses (goal: 350 kW)
- Estimated Year 1 total utility savings: \$58,791
- CO<sub>2</sub> Offset Year 1: 1,092,161 pounds (v. fossil fuel)



5.10 kW array installed on residence as part of Solar Urbana Champaign 2.0 Group Buy

- **Partners:** Midwest Renewable Energy Association with Urbana as lead, Prairie Rivers Network, City of Monticello.
- **Installer:** StraightUp Solar (selected through competitive process)



# Midwest Renewable Energy Association



- Independent, non-profit organization
- Experienced working with communities in four different Midwest states
- Has led 22 Solarize programs including recent efforts in Urbana-Champaign, Bloomington-Normal, and Metro East
- **Administers program at no cost to counties/cities**
  - MREA typically takes a small amount per watt to cover administrative costs
  - Has agreed to work with CUB as lead partner for “Solarize Kane County”
  - **Welcomes cities/organizations to participate**

[www.growsolar.org](http://www.growsolar.org)



# Group-Buy Savings *(example based on Solarize Metro East 2018)*

- Savings are based on achieving thresholds

Rebate Structure	Cost per Watt	Additional Savings per kW
Base Group Buy Rate	\$2.99 / watt	~ 9% lower than usual price
50 kW in total - new price	\$2.96 / watt	\$30 / kW
150 kW in total - new price	\$2.93 / watt	\$60 / kW
250 kW in total - new price	\$2.93 / watt	\$60 / kW
500 kW in total - new price	\$2.89 / watt	\$100 / kW

- Customer then also gets tax credits: federal (30%)
- Customer gets SREC Payments (taxable): \$80.23/Megawatt Hour of electricity produced by the solar array, paid up-front for solar arrays <10kW
- Customer gets Solarize savings as a rebate from the installer

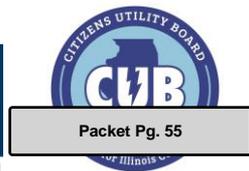
**Note:** *If a city has a high solar permitting fee, its residents may pay a little more.*



# Group-Buy Savings *(example based on Solarize Metro East 2018)*

7.54 kW Metro East Residential Roof Array	
Installed Cost (\$2.99 / Watt)	\$22,545
30% Federal Tax Credit	- \$6,736
Est. Pre-tax SREC payments	- \$9,532
Max group buy savings (\$100 / kW)	- \$754
<b>Net cost</b>	<b>\$5,496</b>

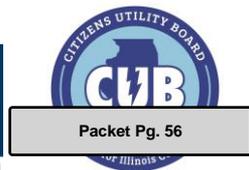
**Note:** Large installations will likely get best pricing by working directly with any installer of their choice. This program is not for all entities; typical Solarize size is ~7kW.



# Process & Timeline *(tentative)*

## STEP 1

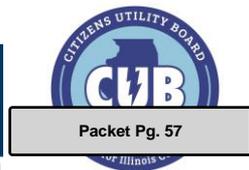
- Cities decide by February 15<sup>th</sup> whether they want to be an active participant, or by April 12<sup>th</sup> if they just want to endorse the program (alert your permitting / inspection staff!)
- MREA assembles **Advisory Committee** to guide solar installer selection (first meeting: week of February 18th)
  - Would include PDS Sustainability Coordinator
  - Cities can have a rep on the advisory group but not required.
- **MREA manages RFP** (published March 2019)  
    Installer selected (April 2019)
- Engagement w/ utilities starts



# Process/Timeline *(tentative)*

## STEP 2

- MREA convenes **Program Team** (March 2019)
  - CUB plus any other interested cities, the county, non-profits, etc.
  - Each **partner** (i.e. your city) sends a rep
- Program team sets up + publicizes free Solar Power Hours (planning takes place February – April 2019)
- MREA provides promotional materials and CUB will serve as the **Power Hour Educator**.
- Hold approx. 20 events (May – September 2019)



# Process/Timeline *(tentative)*

## STEP 3

- Selected installer gives each interested person an estimate for their home
- Homeowners decide if participating by end of September 2019
- If yes, sign up, and solar installed by the end of 2019!



# Commitment Recap

## City is asked to...

- Provide one staff member for Advisory Committee (optional but encouraged)
- Provide one staff member for Program Team (weekly phone meetings)
- Help distribute promotional material at events + high-traffic locations
- Help secure public space for some “Solar Power Hours”
- Provide or secure projector, screen and laptop for presentations

**Note:** MREA offers a 2-hour online 2017 NEC Changes for PV system training for \$60 per person (inspection/permitting staff, others). In-person training is quite a bit higher as they no longer have ed grants.



# Solarize Kane County

*Please let us know by February 15<sup>th</sup> if your city wants to be an active partner!*



Contact: Christina Uzzo (CUB)  
Environmental Outreach Coordinator  
[cuzzo@citizensutilityboard.org](mailto:cuzzo@citizensutilityboard.org)  
(312) 263-4282 x. 134