



Kane County

KC Energy and Environmental Committee

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

Agenda

BATES, Tarver, Allan, Kious, Roth, Strathmann, Young, ex-officios Pierog (County Chair) and
Tepe (County Vice Chair)

Friday, October 13, 2023	9:00 AM	County Board Room
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1. **Call To Order**
2. **Roll Call**
3. **Remote Attendance Requests**
4. **Approval of Minutes: September 15, 2023**
5. **Public Comment (Agenda Items)**
6. **Environmental (J.Wollnik)**
7. **Recycling/Solid Waste (C. Ryan)**
 - A. Recycling Program Update
8. **Sustainability (S. Hinshaw)**
 - A. **Resolution:** Approving FY24 Operations and Maintenance Agreement with USGS for the Stream and Rainfall Gages
 - B. EV Readiness Update
 - C. Climate Pollution Reduction Grant Update
 - D. Tree Protection Ordinance Update
9. **New Business**
10. **Chairs Comments**
11. **Reports Placed On File**
12. **Executive Session (if needed)**
13. **Public Comment (Non- Agenda Items)**
14. **Adjournment**

STATE OF ILLINOIS)

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COUNTY OF KANE)

PRESENTATION/DISCUSSION NO. TMP-23-1407

RECYCLING PROGRAM UPDATE



E&E Committee Program Update

October 13, 2023



Clair Ryan
Kane County Recycling Coordinator
recycle@countyofkane.org



Fall Shred 'n' More

- ♻️ Perfect weather brought out 22 volunteers and 725 attendees
- ♻️ Shredded 24,220 lbs paper
- ♻️ Collected 5,350 lbs clothing & textiles, shoes, small home goods
- ♻️ Collected 5 totes latex paint (~6,000 lbs)
- ♻️ Collected 273 aerosols, 20 propane tanks, 15 car seats
- ♻️ Gave tour/impromptu program briefing to 8 foreign exchange student volunteers
- ♻️ Traffic was well-dispersed over the four hour duration





Pumpkin Smash Events

- ♻️ Most are November 4th from 9am - noon with a few variations
- ♻️ County Event @ Pushing the Envelope Farm, 1700 Averill Rd., Geneva (Geneva East)
- ♻️ Other hosts and locations (at least double the number from last year!)
 - Village of Hampshire - Henpeck Park
 - Elgin Sustainability Commission - Parking Lot SW of Kimball & Grove
 - St. Charles Natural Resources Commission - St. Charles Dept. of Public Works
 - Geneva Natural Resources Committee & Geneva Park District - Prairie Green Community Garden (Peck and Bricher), 10am - noon (Geneva West)
 - U of I Extension - McCreery Elementary School, Aurora on Friday the 3rd, 3pm-5pm
 - Plato Township (tentative, tbd)
- ♻️ Continually updated list on the SCARCE website:
<https://www.scarce.org/pumpkins/>





Questions or Comments?

Clair Ryan

Kane Co. Recycling Coordinator

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e: recycle@countyofkane.org

ryanclaire@co.kane.il.us

*Thank
You*



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RESOLUTION NO. TMP-23-1427

APPROVING FY24 OPERATIONS AND MAINTENANCE AGREEMENT WITH USGS FOR THE STREAM AND RAINFALL GAGES

WHEREAS, on October 13, 1998, the Kane County Board passed Ordinance No. 98-251 adopting the Kane County Stormwater Management Plan pursuant to 55ILCS 5/5-1062, which established goals to "identify, protect, and improve floodplains, waterways, lakes, ponds, wetlands...in order to maximize the protection of public health, safety and welfare;" and

WHEREAS, the collection of rainfall and streamflow data is an integral part of planning flood mitigation activities, investigating water quality, and protecting and improving Kane County's water resources; and

WHEREAS, on May 12, 1998, the Kane County Board passed Resolution #98-129 authorizing the expenditure of funds to install, operate and maintain stream and rainfall gages in cooperation with various state and federal agencies, including the United States Geological Survey (USGS) and the Illinois Department of Natural Resources; and

WHEREAS, the County has negotiated joint funding with the USGS for the 2023-2024 operation, maintenance, and monitoring of gages in Kane County under and annual Joint Funding Agreement effective as of October 1, 2023; and

WHEREAS, adequate funds to fulfill this agreement are budgeted for FY2024 and exist in 355.668.66856 for Kane County's commitment of Sixty-Nine Thousand Two Hundred Sixty Dollars (\$69,260).

NOW, THEREFORE, BE IT RESOLVED that the Kane County Board by the Kane County Board that the Chairman is hereby authorized and directed to enter into a contract with the USGS to jointly fund the operation, maintenance, and monitoring of rain and stream gages in Kane County in an amount not to exceed Sixty-Nine Thousand Two Hundred Sixty Dollars (\$69,260) to be paid from 355.668.66856 pending the approval of the FY2024 Budget. A copy of the Joint Funding Agreement shall be kept on file with the Kane County Auditor.

Line Item: 355.668.66856

Line Item Description: USGS Stream Gages

Was Personnel/Item/Service approved in original budget or a subsequent budget revision? Original Budget

Are funds currently available for this Personnel/Item/Service in the specific line item? Yes

If funds are not currently available in the specified line item, where are the funds available?

N/A

Passed by the Kane County Board on November 14, 2023

John A. Cunningham, MBA, J.D.
Clerk, County Board
Kane County, Illinois

Corinne M. Pierog MA, MBA
Chairman, County Board
Kane County, Illinois

Vote:



RESOLUTION / ORDINANCE EXECUTIVE SUMMARY ADDENDUM

Title

Approving FY24 Operations and Maintenance Agreement with
USGS Stream and Rainfall Gages

Committee Flow:

Energy and Environmental Committee, Finance and Budget Committee,
Executive Committee, County Board

Contact:

Sarra Hinshaw

Budget Information:

Was this item budgeted? Yes	Appropriation Amount: \$69,260
If not budgeted, explain funding source: N/A	

Summary:

A Joint Funding Agreement between the USGS and Kane County to share the costs of operating and maintaining the gages within the county.

USGS stream gages that provide real-time stream flow and rainfall data that is available to municipalities, watershed groups, and the general public.

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PRESENTATION/DISCUSSION NO. TMP-23-1333

EV READINESS UPDATE

Charging Stations

Rebates and Incentives

EV Owner Information

Consumer Resources

EV Benefits

Electric Vehicle Resources



Image Courtesy of Metropolitan Mayors Caucus (www.mayorcaucus.org)

In December 2022, The Metropolitan Mayors Caucus and ComEd announced 16 Illinois communities, including Kane County, will receive training and assistance in a new [Electric Vehicle \(EV\) Readiness program](#). Funded in part with a \$225,000 commitment from ComEd, the EV Readiness program will help municipalities streamline policies, meet the growing demand for EVs and charging infrastructure, and implement best practices for safe and effective regional transportation electrification. A [second cohort](#) was announced in August of 2023 comprising an additional 15 communities. Our aim is to advance transportation electrification in the region and make it faster, easier, and more affordable for our residents and businesses to install EV charging stations in our community. In Kane county alone the number of EV cars has nearly quadrupled from an estimated 739 in 2019 to 3302 in September 2023.

Joining the cohort will allow us to address these high-level [Greenest Region Compact](#) (GRC) goals:

- Support efficient transportation that uses resources wisely.
- Integrate sustainability into transportation policies, programs, and regulations.
- Promote sustainable transportation choices.
- Maintain a diverse, safe and efficient transportation network.
- Operate a safe, clean, and efficient fleet.

Please visit soon as we expand our website to learn more about procedures, policies, benefits and more!

Rebates and Incentives

- [Federal Tax Credit](#) for Vehicles: Use the federal government's federal tax credit tool to learn about the credit amount available for various EV makes and models. The maximum credit is \$7,500 for new vehicles and up to \$4,000 for used vehicles.
- [New and Used Clean Vehicle Tax Credits, Energy Saver webpage](#) – This Department of Energy webpage describes the new and previously owned clean vehicle tax credits. The page includes a [checklist](#) to determine if a vehicle is eligible for either credit. You may also want to contact a tax professional.
- [Illinois EV Rebate Program](#): The next rebate cycle will be open Nov. 1, 2023, to Jan. 31, 2024. Residents may apply for a \$4,000 rebate on a new or used all-electric vehicle. Purchasers must apply for the rebate during an open rebate cycle and within 90 days of vehicle purchase.
- [Federal Tax Credit for EV Charging Equipment](#) – Residents who purchase qualified residential charging equipment may receive a tax credit of 30% of the cost, up to \$1,000. Find out more at the above website, or consult a tax professional.

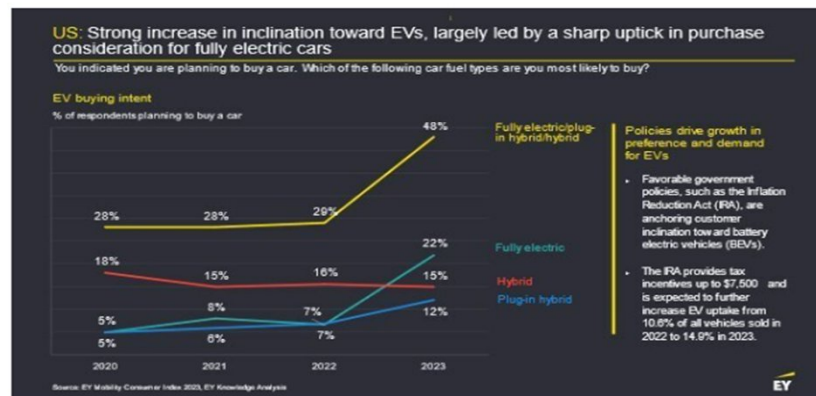


Consumer Resources

Thinking about Buying or Leasing an EV?

Drivers are increasingly transitioning to electric vehicles (EVs). To learn more about EVs and if switching to electric is right for you, use these helpful resources:

- EVSmart webpage
 - [ComEd Find Vehicles & Chargers](#)
 - [ComEd Savings, Benefits & Incentives](#)
- [Find Used EVs](#)
- [PlugStar EV Shopping Assistant](#)
- [Electric Vehicles for Consumers](#) – information from the U.S. Department of Energy, Alternative Fuels Data Center
- [National Drive Electric Week](#) – Events offer ride and drives, the opportunity to talk to EV drivers, and the chance to see a variety of electric cars, trucks, motorcycles, and more. Annual events are hosted nationwide in the fall and also around Earth Day in April.



EY Mobility Consumer Index (MCI)

Charging Stations

Rebates and Incentives

EV Owner Information

Consumer Resources

EV Benefits

EVs have several advantages over conventional vehicles:

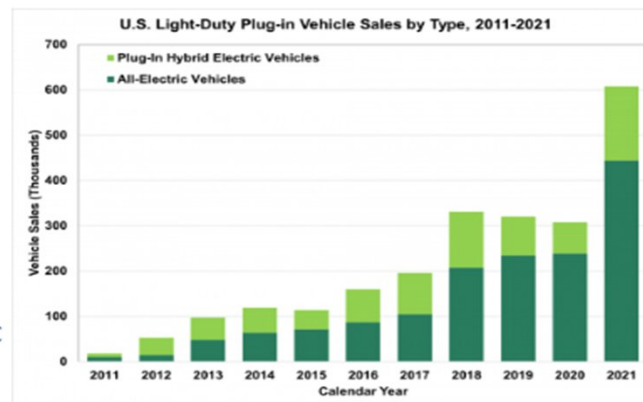
- **Energy efficient.** EVs convert over 77% of the electrical energy from the grid to power at the wheels. Conventional gasoline vehicles only convert about 12%–30% of the energy stored in gasoline to power at the wheels.
- **Lower emissions.** In Kane County, greenhouse gas emissions caused by on-road transportation account for 2.2 MMTCO₂e or 24% of the total greenhouse gas emissions.
- **Electric vehicles can reduce your greenhouse gas emissions** from 46-90% depending on the type of electric car, compared to non-electric cars.
- **Improved air quality.** Lower emissions lead to better local air quality.
- **Performance benefits.** Electric motors provide quiet, smooth operation and stronger acceleration.
- **EVs do not emit tailpipe emissions**, which makes them a cleaner option to operate compared to gasoline or diesel vehicles, especially if charged with renewable energy.
- **Reduced maintenance costs.** EVs have fewer moving parts and don't require oil changes, tune-ups, cooling system flushes, and other common maintenance services needed for traditional vehicles.
- **Reduced energy dependence.** Electricity is a domestic energy source.

How do Electric Vehicles work? Check out the short video below

<https://www.youtube.com/watch?v=f1vnKKPERZk>

EV Owner Information

- [Register your EV](#) with ComEd to help the utility assess your electric service needs
- Find the right [electric rate](#).
 - [Fixed-Price Rate \(BES\)](#)
 - [Hourly Pricing Rate \(BESH\)](#)
 - [Time-of-Day Pricing Rate \(RTOUPP\)](#)
 - [Delivery Services Rate](#)
- Find an EV [charging station installer](#) who is registered with the Illinois Commerce Commissions (ICC)
- Link to [Kane County Code of Ordinance](#) on Electric Vehicles and Charging Stations



*Image From Argonne
National Laboratory,
Dec. 2022.*





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PRESENTATION/DISCUSSION NO. TMP-23-1376

CLIMATE POLLUTION REDUCTION GRANT UPDATE

STATE OF ILLINOIS)

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COUNTY OF KANE)

PRESENTATION/DISCUSSION NO. TMP-23-1255

TREE PROTECTION ORDINANCE UPDATE