



# EV READINESS PROGRAM

**EV Readiness  
Program  
Info Session  
June 25, 2025**



# Agenda

- Intro to EV Readiness (EVR) Program
- How the EVR Program works
- How EV Ready Cohort Communities (EVRs) get it done
- What you get out of EVR
- EVR advances clean energy & grid resiliency
- EV Ready Community experience
  - City of Countryside
  - City of Rolling Meadows
  - Village of Park Forest



# How the EV Readiness Program Works

EDITH MAKRA,

DIRECTOR OF ENVIRONMENTAL INITIATIVES, METROPOLITAN MAYORS CAUCUS



# Components of EVR

- Strategic and Prioritized Tasks
- Resources and Support
- Recognition as an EV Ready Community - Bronze, Silver, Gold



# Strategic & Prioritized Actions



EV READINESS CHECKLIST CATEGORIES
COMMIT TO EV READINESS
ZONING AND PLANNING
PERMITTING AND INSPECTION
SAFETY AND TRAINING
PARKING AND ACCESS
NEW CONSTRUCTION
ACCESS TO EV CHARGING
MUNICIPAL FLEETS
UTILITY ENGAGEMENT
COMMUNITY ENGAGEMENT
MARKET DEVELOPMENT AND FINANCE
INNOVATIVE SPECIAL PROJECTS



# Bronze Pathway

70 Required points  
30 Extra points

100 Total points

CR	COMMIT TO EV READINESS	Y
CR-1	Make a public statement in support of EV readiness.	5
CR-2	Report baseline metrics, including power level and quantity of publicly accessible and municipally owned EVCSs; number of municipal EVs; and registered constituent-owned EVs.	5
ZP-1	Evaluate zoning code to identify any barriers to safe, expedient EVCS development.	10
ZP-2A	When EV charging is not the primary use of the site, classify the EV charging station as an <b>accessory use</b> .	5
ZP-4	Where minimum parking requirements exist, flex the number of required parking spaces to accommodate Level 2 and DCFC EVCS. ( <i>Conditional Points</i> )	5
PI-1A	Develop a clear and code-compliant standard permitting and inspection process for <b>single family residential</b> EVCSs.	5
PI-1B	Develop a clear and code-compliant standard permitting and inspection process for <b>multiple family and commercial</b> EVCSs.	5
PI-1D	Post standard EVCS checklist, permitting forms, and approval requirements online.	5
PI-2C	Establish reasonable standard permitting and inspection fee structures.	5
PI-3D	Advise constituents that EVCS installation contractors should be registered with the ICC.	3
ST-1A	Provide professional awareness training of EVs and EVCSs for first responders and public safety personnel.	5
PK-2A	Communicate provisions of Illinois Vehicle Code (ILCS 625 ILCS 5/11-1308) and/or local parking code regarding unauthorized use of EV-only parking by non-EVs at both public and private properties.	3
UE-2A	Encourage all EV owners to register with utility.	2
CE-1A	Communicate EV readiness commitment and actions to constituents.	2
MD-1A	Provide current information on incentives and grants to community.	3
MD-1E	Monitor existing and pending grants and incentive programs to be ready to deploy plans when funds become available.	2



# EV Ready Designation *Pathways*

EVR commitment

+ **17** *fundamental* actions  
+ **30** tailored “flex points”

---

**100 points for**  
**Bronze EVR designation**

EVR commitment

+ Bronze requirements  
+ **26** *important* actions  
+ **30** tailored “flex points”

---

**200 points total for**  
**Silver EVR designation**

EVR commitment

+ Bronze requirements  
+ Silver requirements  
+ **20** *valuable* actions  
+ **20** tailored “flex points”

---

**300 points total for**  
**Gold EVR designation**

**Flex points** = *important & helpful* actions that suit community needs



# Support from EVR Team & Cohort

- 12-16 diverse municipalities & counties working together
- 11-12 bi-weekly, topical cohort meetings – 90 minutes each
  - Attendance strongly recommended and meetings recorded
- Shared resource files with templates & tools
- In-person training for first responders & inspectors
- Expert EVR Team





# EV READINESS CHECKLIST

## GUIDE & INTERACTIVE TOOL

TIM MILBURN,  
GREEN WAYS 2GO



# EV Readiness Checklist

- Live Checklist Demo
  - Strategic guide
  - Scoring & tracking progress



# How the EV Readiness Program Communities Get it Done

MARTHA DOOLEY, EV READINESS CONSULTANT, METROPOLITAN MAYORS CAUCUS



# Setting the Timeline, Priorities, and Collaboration

Approximate Cohort Timeline: **September to May (9 months)**

The EVRT has prioritized some actions to accommodate time for planning, collaboration, and cooperation with staff in other departments.

- **Zoning Code (6-8 months):** Evaluate Zoning code, establish regulations, and track the code amendment through the public hearing process
- **Permitting (4 months):** Establish a process for EV infrastructure permits including informational checklists for residents, contractors, and inspectors
- **\*Municipal Fleet Assessment (6 months):** Submit application and assist ComEd by gathering data and attending meetings when necessary
- **Safety Training:** Ensure fire personnel attend training arranged by the EVRT

The EVRT will establish interim milestones to ensure communities stay on track.



# Timeline Overview

COHORT ACTION PRIORITIES										
Category	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Kickoff										
Zoning & New Construction										
Permitting & Inspection										
Municipal Fleet (silver)										
Safety Training										
Webpage										



# Demo Documentation

CE-1, Elgin  
Weblink to Landing Page

Weblink to Webpage: <https://elginil.gov/2626/Electric-Vehicle-Program>

Home Residents Sustainability


## Electric Vehicle Program

### Background

The City of Elgin is committed to advancing Electric Vehicle (EV) infrastructure to benefit both residents and businesses. The City has taken significant steps to streamline the installation process and reduce barriers to EV charging station adoption.

Efforts include updating city codes and waiving permitting fees for installations, making it easier than ever to bring EV charging stations to our community. Additionally, Elgin has embraced state legislation mandating that new home builds be EV capable, ensuring that every new home is equipped with a dedicated branch circuit and raceway from the electric service panel to the garage. To further support EV drivers, Elgin is investing in Level 2 public charging station infrastructure, with plans for expansion across the city.

In 2023, Elgin introduced its first three electric vehicles into the city fleet as part of a pilot program. We're diligently monitoring the performance, usage, and cost savings of these vehicles, with plans to expand the EV fleet in the future.



Watch on YouTube

### Find an EV Charging Station

Elgin has several public and private EV charging stations throughout the city. All public, private, and residential charging stations can be found using [US Department of Energy - EV Charging Station Locations](#). To report issues with any of the public EV charging stations in Elgin, please call 311.

**Public Charging Stations in Elgin:**

- Robert Gilliam Municipal Complex Parking Lot: 150 Dexter Court
- The Centre of Elgin Parking Deck: 95 Symphonix Way

EV Readiness Cohort Communities > Elgin > Community Engagement - CE	
Sort	View
Name	Date
CE-1 - Create and Host an EV Readiness Landing Page on Municipal Site - Web Page 1	4/10/2024 8:43 AM
CE-1 - Create and Host an EV Readiness Landing Page on Municipal Site - Web Page 2	4/10/2024 8:43 AM
CE-1 Weblink to Landing Page - Elgin	4/24/2024 12:31 PM
CE-1A - Communicate EV Readiness Commitment to Community Facebook Post	4/8/2024 12:44 PM
CE-1B - Promote access to EV's and EVCS's to residents via online resources - Web Page 1	4/10/2024 8:25 AM
CE-1B - Promote access to EV's and EVCS's to residents via online resources - Web Page 2	4/10/2024 8:25 AM
CE-2B - Introduce the Muni EV Fleet at Community Events - Elgin Public Works Open House Fly...	4/9/2024 9:21 AM
CE-2B - Introduce the Muni EV Fleet at Community Events	4/9/2024 9:21 AM
CE-2C-Elgin-EV-at-first-responder-training2-4-3-24	4/3/2024 11:33 AM
CE-2C-Elgin-EV-at-first-responder-training3-4-3-24	4/3/2024 11:31 AM
CE-2C-Elgin-EV-at-first-responder-training-4-3-24	4/3/2024 11:31 AM
CE-3B - Empower Pledge EMail	4/2/2024 4:36 PM
CE-3B - Empower Workplace Charging Pledge	3/5/2024 1:15 PM
City of Elgin - Empowering Workplace Charging Pledge .msg	3/5/2024 1:18 PM



# WHAT YOU GET OUT OF IT

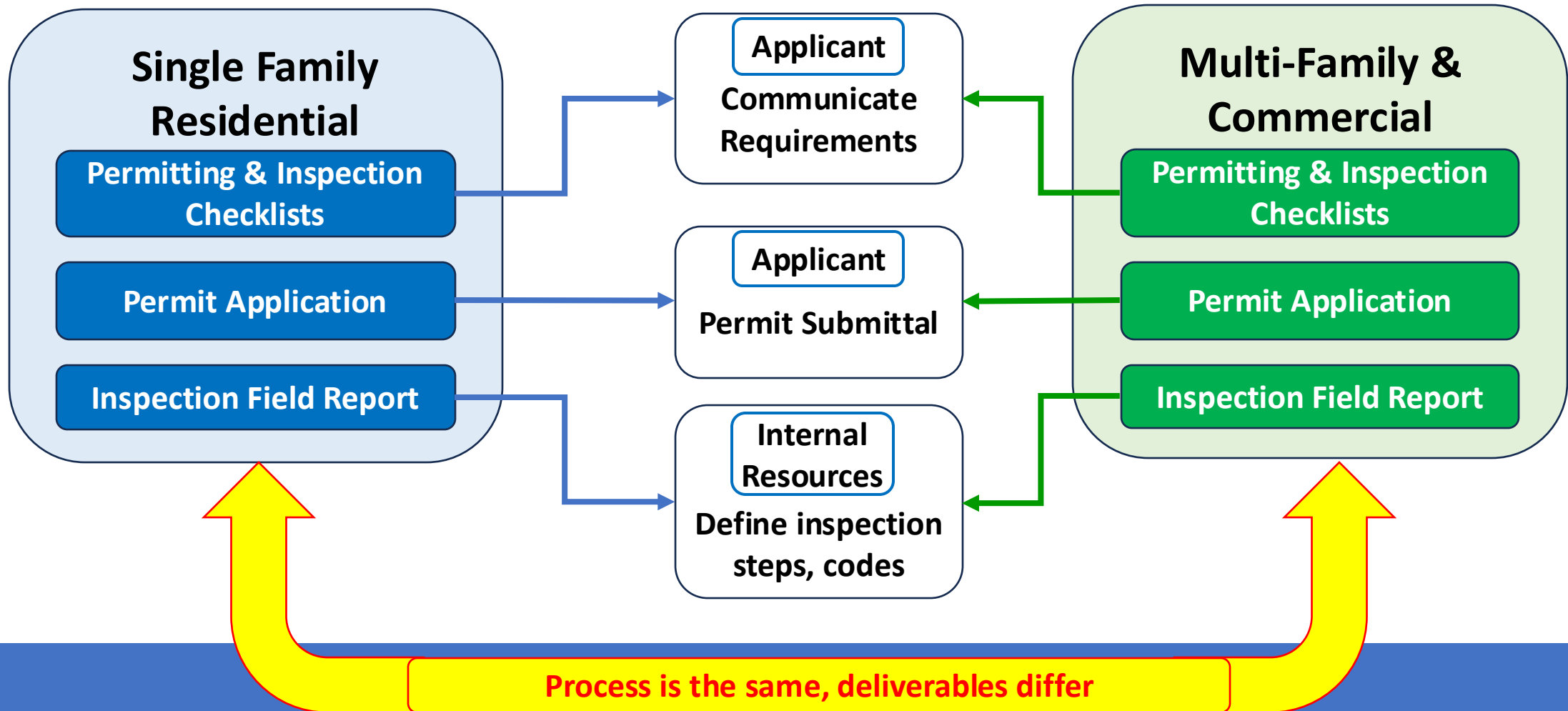
TIM MILBURN,  
GREEN WAYS 2GO

CHERYL SCOTT,  
SENIOR SUSTAINABILITY SPECIALIST, METROPOLITAN MAYORS CAUCUS



# Permitting & Inspection

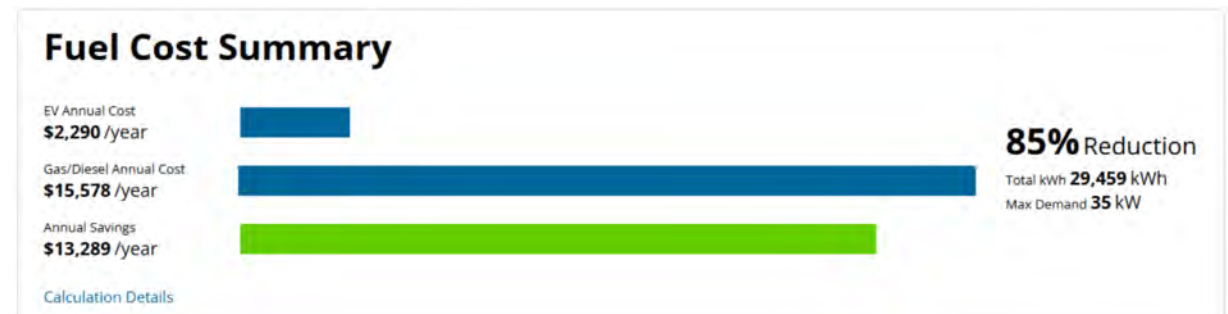
## Six EVR Deliverables





# Municipal Fleet Assessments

- ComEd free Fleet Electrification Assessment (FEA) helps to:
  - Compare costs and benefits of fleet transition to EVs
  - Plan fleet transition to EVs
  - Identify vehicles, charging infrastructure for fleet's needs
- ComEd provides FEA report, satisfies reqs for 5 Municipal Fleets actions in EVR Checklist



# Safety & Training

ST-1A	Provide professional awareness training of EVs and EVCSSs for first responders and public safety personnel.	5		
ST-1B	Provide professional hands-on training of EVs and EVCSSs for appropriate first responders and public safety personnel.			5





# Inspector Training

PI-4	Train staff on municipal EVCS permitting and inspection procedures.		5
------	---	--	---



# Municipal Code Assistance

- Template spreadsheet helps communities analyze municipal code
- EVR Program offers model code language, community examples, reasoning why
- Outcome includes zoning code updates

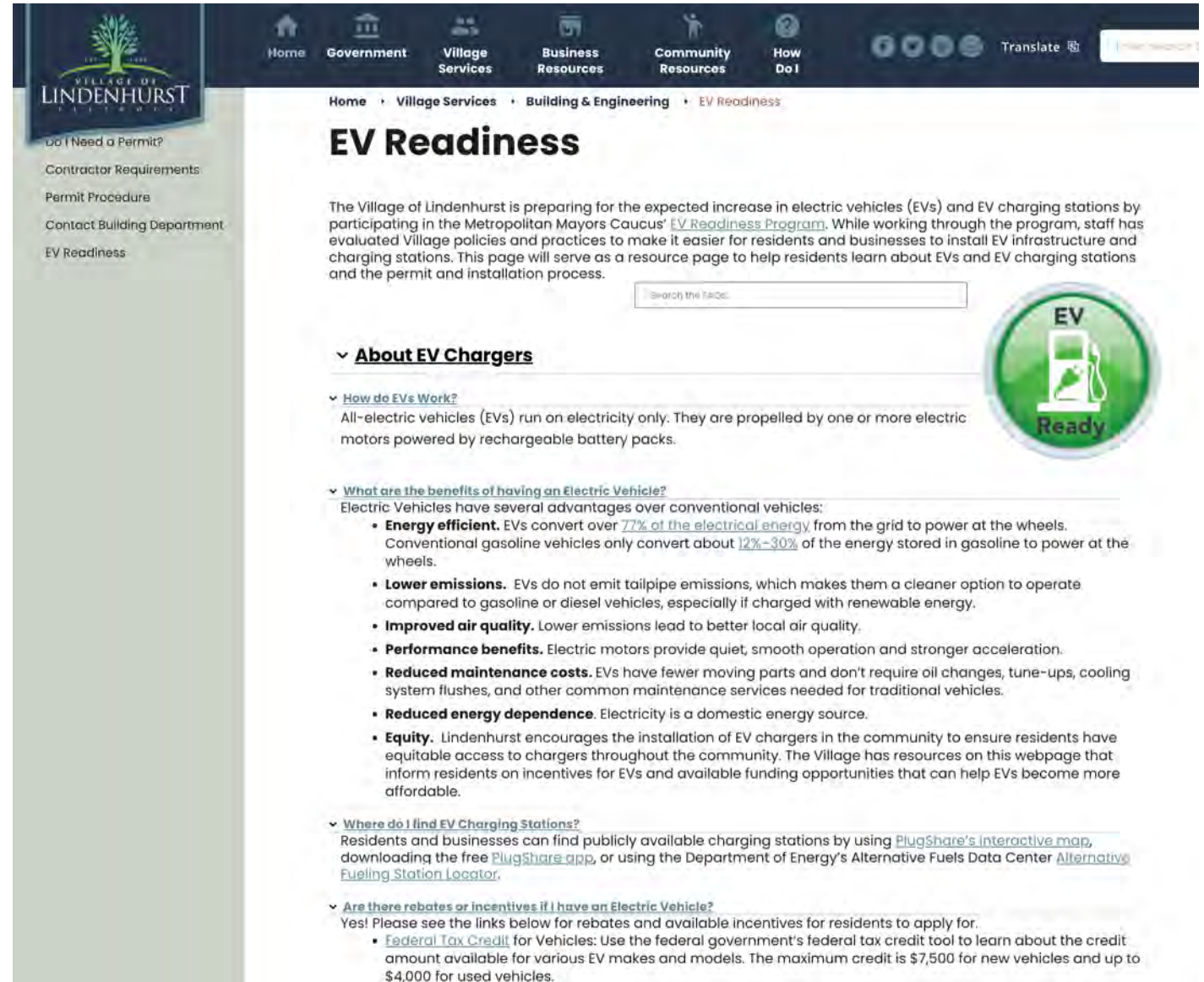
Zoning Elements And Actions					
<i>Insert weblink to your Zoning Code here</i>					
Bronze Actions		What does our code currently say?	Where is it in code?	How do we fix it?	Points
<b>Accessory Use</b> - When EV charging is not the primary use of the site, classify the EV charging station as an <b>accessory use</b> .	ZP-2A				5
<b>Parking minimum</b> - Where minimum parking requirements exist, flex the number of required parking spaces to accommodate Level 2 and DCFC EVCS. (Conditional Points)	ZP-4				5
<b>Reference IL Vehicle Code:</b> Communicate provisions of Illinois Vehicle Code (ILCS 625 ILCS 5/11-1308) and/or local parking code regarding unauthorized use of EV-only parking by non-EVs at both public and private properties.	PK-2A				3
Silver Actions		What does our code currently say?	Where is it in code?	Do we fix it? How?	Points
<b>Definitions</b> - Define transportation electrification technologies (EVs, EVCSs) to be considered.	ZP-3A				2
<b>Advertising</b> - Establish new or articulate existing regulations for the appearance of advertising on EVSEs.	ZP-3D				5
<b>Right of Way Use</b> - Establish new or articulate existing regulations for whether and under what conditions EV charging stations are allowed in the right of way.	ZP-3E				5
<b>Appearance</b> - Establish new or articulate existing regulations for the appearance of public EVCSs.	ZP-3F				5





# EV Readiness Webpage

- We provide a template EVR page
- Communities choose which information to display on their webpage



The screenshot displays the 'EV Readiness' webpage for the Village of Lindenhurst. The page features a dark blue header with navigation links: Home, Government, Village Services, Business Resources, Community Resources, and How Do I. A search bar is located in the top right corner. The main content area is titled 'EV Readiness' and includes an introductory paragraph about the Village's participation in the Metropolitan Mayors Caucus' EV Readiness Program. Below this, there is a search bar and a section titled 'About EV Chargers'. Further down, there are sections for 'How do EVs Work?', 'What are the benefits of having an Electric Vehicle?', 'Where do I find EV Charging Stations?', and 'Are there rebates or incentives if I have an Electric Vehicle?'. A circular logo with the text 'EV Ready' and a plug icon is visible on the right side of the page.

**EV Readiness**

The Village of Lindenhurst is preparing for the expected increase in electric vehicles (EVs) and EV charging stations by participating in the Metropolitan Mayors Caucus' [EV Readiness Program](#). While working through the program, staff has evaluated Village policies and practices to make it easier for residents and businesses to install EV infrastructure and charging stations. This page will serve as a resource page to help residents learn about EVs and EV charging stations and the permit and installation process.

Search the Page:

▼ **About EV Chargers**

▼ **How do EVs Work?**  
All-electric vehicles (EVs) run on electricity only. They are propelled by one or more electric motors powered by rechargeable battery packs.


▼ **What are the benefits of having an Electric Vehicle?**  
Electric Vehicles 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.** 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.
- **Improved air quality.** Lower emissions lead to better local air quality.
- **Performance benefits.** Electric motors provide quiet, smooth operation and stronger acceleration.
- **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.
- **Equity.** Lindenhurst encourages the installation of EV chargers in the community to ensure residents have equitable access to chargers throughout the community. The Village has resources on this webpage that inform residents on incentives for EVs and available funding opportunities that can help EVs become more affordable.

▼ **Where do I find EV Charging Stations?**  
Residents and businesses can find publicly available charging stations by using [PlugShare's interactive map](#), downloading the free [PlugShare app](#), or using the Department of Energy's Alternative Fuels Data Center [Alternative Fueling Station Locator](#).

▼ **Are there rebates or incentives if I have an Electric Vehicle?**  
Yes! Please see the links below for rebates and available incentives for residents to apply for.

- **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.





# Recognition



# EVR Program & Beneficial Electrification

Cristina Botero

Senior Manager, Beneficial Electrification Program, ComEd





# EV READY COMMUNITY EXPERIENCE – THIRD COHORT

**CARRIE MALFEO**, SUSTAINABILITY COORDINATOR, VILLAGE OF PARK FOREST

**ROBERT SAVAGE**, PLANNER & MANAGEMENT ANALYST, CITY OF ROLLING MEADOWS

**RICHARD TRENT**, PLANNING MANAGER, AND **KEVIN WAGNER**, BUILDING  
COMMISSIONER, CITY OF COUNTRYSIDE





# Village of Park Forest





# Next Steps

- If interested and able to make the time/staff commitment, apply to join the cohort at:

<https://metropolitanmayorscaucus.submittable.com/submit>



# Questions?

