

Preparing for Transportation Electrification

Roles for Illinois Local Governments



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Legislative
Landscape for
*Transportation
Electrification*

1. **Clean Energy Jobs Act** (“CEJA”, HB 804, SB 1716)
2. **Consumers and Climate First Act** (“CCFA”, SB 2896)
3. **Clean Union Jobs Act** (“CUJA”, HB1472, SB 1100)

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1. **EV Act** (20 ILCS 627 (2011))
2. **VW Mitigation Beneficiary Mitigation Plan** (IEPA)
3. **IL Capital Bill** (IL Public Act 101-29, Sec 25) for EV charging infrastructure

Roles of Local Government: **Readiness**

- Facilitate deployment of EVs and EV Charging Infrastructure (EVCI):
 - Commit to EV Readiness
 - Plan for EVs and EVCI readiness
 - Develop and enforce EV and EVCI standards and codes for safety, health, zoning, permitting, certification, inspection, siting, parking, etc.
 - Set expectations for new and retrofit construction EV readiness
 - Engage with state & federal EV and EVCI programs
 - Work regionally to strategically site L2 and DCFC EV Charging Infrastructure
 - Establish baselines and metrics for tracking progress

Roles of Local Government: **Readiness**

- Electrify transportation:
 - Electrify municipal fleets, especially larger vehicles
 - Advance use of E-transit and E-school buses
 - Site EV charging stations w/in community
 - Work with utilities on Beneficial Electrification and management of EV charging loads, demand profiles, and integrated solutions
 - Support equitable access for Environmental Justice and low-income communities
 - Train staff and facilitate EV education in the community

Potential Roles of Local Government and Transportation Electrification : **CEJA**

- Administrative and participatory roles
 - Beneficial electrification, distributed integrated energy and grid optimization programs
 - Establishment of Clean Energy Empowerment Zones w/in community
- Participate in Community Energy, Climate, and Jobs Plans
 - Clean Energy Employment pilots and programs
 - EV Access for All programs – EV sharing, carbon free last mile, ZEV procurement
 - Help public find ways to save money
 - Establish tax, revenue and incentive programs aligned within Clean Energy Empowerment Zone plans
 - Work with utilities
 - Leverage Energy Community Reinvestment Funds
- Manage rules proposed for EV Charging for new and retrofit construction
- Provide and/or facilitate education and outreach to communities

Potential Roles of Local Government and Transportation Electrification : CCFA

- Focuses on amendments to EV Act and the EV Charging Act:
 - Clarifies and expands State administrative roles & responsibilities and initial EV and EVCS rebate programs, plus sets roles and responsibilities of utilities, including programs for EJ and low-income communities
- As a **Community Based Organization (CBO)**, local governments can participate in **Community Energy and Climate Plans** which can provide ideas for transportation electrification and integration into distributed energy solutions
- Local governments need to manage CBOs and their Plans (applications, reviews, approvals)
- Local government is provided with (favorable) opportunities /methods for financing, bonds, taxation, investment and support for Clean Energy programs
- For transportation electrification, local governments can receive and manage grants R&D facilities and participate as Empowerment Zones to develop Illinois manufacturing sites for Clean Energy Jobs.

Potential Roles of Local Government and Transportation Electrification :

CUJA

(Amendment 1)

- Defines Beneficial Electrification Portfolio Standard (BEPS), Public Transportation Electrification Subsidy Program, Clean Energy Integrated Distribution and Utility Roles.
- Geared towards decarbonization and advancing the role of Transportation Electrification to reduce costs and improve environmental outcomes
- Local governments play key roles in advancing Beneficial Electrification programs
 - Local governments have clearly defined roles and responsibilities in CUJA
 - Rules on taxing, revenue and incentive programs aligned with Enterprise Zone plans
 - Work with utilities to install /operate EVCI, recover costs in reasonable time periods,
- Tools and funding to support negatively impacted communities

THANK YOU

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