

As more Americans switch to electric vehicles (EVs) and hundreds of billions of dollars are distributed through the Bipartisan Infrastructure Law (BIL) and Inflation Reduction Act (IRA), state agencies will play a continued role in the successful transition to electric transportation. This guide details immediate actions that state housing agencies or similarly focused organizations can take to prepare for the shift to EVs, bringing value to their state and constituents.

**State housing authorities** work to ensure safe, affordable housing options that meet community needs. They are responsible for distributing federal formula funding, developing programs to meet the needs of homeowners, improving public facilities, and providing direct housing assistance to the public. State housing authorities also have the unique opportunity to set a precedent for how residents access EV charging. Some of the opportunities for housing authorities to support EVs include:



## Minimum Actions to Take Now

- Champion building-ready codes that require EV infrastructure and facilitate future charging.\*
- Prioritize installing public EV charging stations near low-income housing developments for use by residents. Leverage federal funding opportunities such as [EPA's Environment and Climate Justice Block Grant program](#) and the [EPA's Greenhouse Gas Reduction Fund](#) that prioritize placing EV chargers in disadvantaged communities.
- Partner with state and local transit authorities to provide residents with additional electric public transit options.

## Recommendations for Accelerated Adoption

- Partner with [car-sharing entities](#) that function within public housing neighborhoods to ensure access to EVs and EV charging stations.
- Partner with other state agencies leading community education campaigns showcasing the benefits of EVs.
- Partner with the state planning office to develop a roadmap for providing additional EV charging options to residents (e.g., through solar-powered mobile charging units).\*\*

\* See more at the [EV Charging 4 All Initiative](#).

\*\* One example is found [here](#).

## Case Study: New York City Housing Authority

The **New York City Housing Authority** (NYCHA) provides affordable housing, including 177,569 apartments across New York City. In addition to providing moderate- and low-income residents with a place to live, NYCHA connects residents with career and educational opportunities. Although they are a city entity rather than a state entity, NYCHA can serve as an example to state housing authorities, given that it is the largest housing authority in North America. Activities that it has pursued to support EV access include:

- **Creating a roadmap:** NYCHA created a decarbonization roadmap that details how it will decarbonize every property. While this effort is mainly focused on heat pumps to heat and cool apartments, it paves the way for EVs and EV charging to be included in properties.
- **Thinking innovatively:** NYCHA has provided its residents with mobile solar-powered EV charging units. This innovative method circumvents critical infrastructure problems that often come with old buildings and provides residents with EV charging quickly and on an as-needed basis.
- **Partnering with residents:** NYCHA reports that its greatest partners are its residents. In addition to using the EV charging stations themselves, NYCHA residents have helped spread the word to their neighbors on the benefits of EVs and the ease of charging, paving the way for future EV charging installations.
- **Addressing challenges:** As the largest public housing entity in North America, NYCHA often sees competing budgetary priorities that must precede EV charging station installations; therefore, NYCHA is planning to leverage federal funding opportunities to install more EV charging stations.
- **Next steps:** Noting that NYCHA residents most often use EV charging for micro-mobility or car-sharing purposes, NYCHA is looking to partner with additional transportation providers to decarbonize the transportation methods that residents use most.

## About the Electrification Coalition

The Electrification Coalition is a nonpartisan, nonprofit organization that advances policies and actions to facilitate widespread deployment and adoption of electric vehicles in order to reduce the economic, public health and national security risks caused by America's dependence on oil. For more information, visit [electrificationcoalition.org](https://www.electrificationcoalition.org).