

# RESIDENT'S GUIDE TO GETTING ELECTRIC VEHICLE CHARGING AT MULTIFAMILY HOUSING

## ELECTRIC VEHICLE CHARGING STATIONS AT MULTIFAMILY HOUSING COMMUNITIES CAN BE A GREAT AMENITY.

If you own an electric vehicle or are planning to purchase one, you will want to be able to charge at home. If your multifamily community does not offer charging, then you will need to talk to your property owner, manager or homeowners' association and request that charging stations be installed. It is best to be prepared when making the request for charging stations, especially since the installation will be an investment in time and money. Below are tips on how to make a case for installing a charging station.

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### Do your Homework:

Start by educating yourself on charging stations – the different levels, installation details, product costs, business models, etc. Refer to the NC Plug-In Electric Vehicle Taskforce's multifamily resource page for information on different topics. You don't need to be an expert, but be ready to answer some questions.

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### Talk to Neighbors:

It is important to demonstrate the level of support within the community. Check and see if others in your community are in support of charging stations or are considering purchasing an electric vehicle. A resident survey is a good way to gauge interest. If there are other advocates in your community, ask them for help presenting your request.

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### Send a Letter:

Send a letter or email to your property manager to make your request and ask for some time to speak with them more about installing charging stations. A sample letter can be found in this multifamily resource packet.

### Know the Benefits:

In order to persuade managers to install charging stations, it is important to share with them the benefits they will receive from the investment.

#### Marketing Benefits:

- Charging stations give the property a green, sustainable image
- Charging stations are a unique amenity offered to residents

#### Sustainability Benefits:

- Charging stations can help make the property a leader in sustainable practices
- Charging stations can provide Leadership in Energy & Environmental Design (LEED) points for the property

#### Preparation Benefits:

- Charging stations show that your community supports and adopts new, advancing technologies
- As the electric vehicle market grows, the number of requests for charging stations will undoubtedly grow. Estimates indicate there will be over 700,000 PEVs in North Carolina by 2030



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### Prepare Responses to Concerns:

Before attending a meeting, make sure that you prepare responses to concerns that may be raised. The table below details some examples.

Concern	Response
It's too expensive.	There are multiple options for chargers and charging locations to minimize cost. Incentives and grants may also be available. We can also start small with one station to save money.
No one will use it.	Electric vehicle sales are growing, and as more people purchase the vehicles they will need a place to charge at home. We can survey the residents to see how many would use a charging station if installed or plan to use it in the future.
It will use a lot of electricity.	The electricity used for charging can be tracked, if it is too expensive then there are cost-recovery models like charging per use.
No one else is doing it.	There are many multi-family communities that are installing charging stations across North Carolina. They are doing this to meet resident's requests and future needs. A few examples are Allister North Hills, 401 Oberlin, Solis Crabtree, Midtown Green and Post Parkside at Wade. A full list of apartment communities with charging stations is at <a href="http://www.NCPEVTaskforce.org">www.NCPEVTaskforce.org</a>

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### Provide Information and Continued Support:

The decision to install charging stations is a large investment. Offer as much information to your property manager as you can, and volunteer to provide additional assistance throughout the process. Visit the North Carolina Plug-in Electric Vehicle Taskforce's multi-family page on their website for additional resources.



**MORE INFORMATION**

View online at [www.NCPEVTaskforce.org](http://www.NCPEVTaskforce.org) and click on the working groups tab.

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## SAMPLE REQUEST LETTER

Dear [apartment owner/manager],

I am writing to request that we install electric vehicle charging stations in our resident parking lot. I would like to purchase an electric vehicle, but need a way to charge at home. A lot of time has been put into weighing the costs and benefits of purchasing an electric vehicle, and I'm excited about my decision. I ask for your help to support my ability to make this choice.

Many multifamily communities in North Carolina are installing charging stations for residents and visitors to use. Communities see the benefits of the charging stations that include promoting sustainability, providing residents an additional amenity and preparing for future resident needs.

There are currently over 3,200 electric vehicles registered in North Carolina and these numbers are expected to quickly rise. As the electric vehicle market grows, the number of requests for charging will also grow. A few apartment communities that have already installed charging stations include Allister North Hills, 401 Oberlin, Solis Glenwood, Midtown Green and Post Parkside at Wade.

I would love to discuss with you more about installing charging stations and provide you with information on charging station options, installation details and maintenance needs. Please let me know when the best time is for you to meet or talk over the phone about this possibility.

Thank you for your time and I look forward to talking with you more.

Sincerely,



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