



Township of Hillsborough

COUNTY OF SOMERSET
THE PETER J. BIONDI BUILDING
379 SOUTH BRANCH ROAD
HILLSBOROUGH, NJ 08844
(908) 369-4313
www.hillsborough-nj.org

Dear Resident,

In order to determine if your electric service has the capacity to add an Electric Vehicle charger two copies of a load calculation (signed/sealed if installed by licensed electrician) will need to be submitted with your permit application, along with two copies of a one line diagram showing wire size and type, along with overcurrent protection (signed/sealed if installed by licensed electrician). We also need two copies of the manufacturer's specifications on the charger being installed.

A licensed electrician can help you with this process or the owner of a single family home can do their own calculation and diagram.

Must be calculated per Article 220 of the National Electrical Code. Please include the size of your existing service.

An online calculator can help and will be accepted if done correctly.

A helpful website is

<https://ask-the-electrician.com/residential-electrical-load-calculation.html#beginAdv>

Thank You,

Hillsborough Township Building Department
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Hillsborough, NJ 08844
908-369-4313 Ext 7175