conEdison

EV Charging Station Install Load Letter Form

Today's Date:	10/16/2025	
Service Address:	123 Example Street, Town/Borough NY, 12345	
Building Type:	Commercial	
EVLD Incentive Application #: (if applicable)	EVLD 099999	

Describe the premise and scope of work related to the EV chargers and any other loads:
Existing outdoor parking lot for only commercial use and upgrading HVAC system. New EV Chargers will be installed in the outdoor parking lot, please see site plan. Requesting to upgrade existing service.

Service Questions *(All Questions must be answered or may result in rejection)*

Q1	Are you requesting a new or separate utility service? *Note: If you have an existing service going to the premise and you request for a new separate service, this may result in an additional cost known as Excess Distribution Facility (EDF) cost.*	☐ Yes, no existing service ☐ Yes, require new or separate service ☑ No, prefer to use or upgrade existing utility service

Q2	Is this a deeded or non-deeded property?
	
	Note: Any service request to a non-deeded property will be considered temporary; customer is responsible for costs associated to installation and removal of service.
		☑ Deeded property. Fill <u>Parcel Info below</u>:
		   NYC Tax Block #: <u>1999</u> Lot #: <u>100</u>
		   Westchester TaxID: <u> </u>
		
		☐ Non-deeded property (Not a Parcel/Taxable Lot)

Q3	*Future-proofing load studies will determine if an additional service upgrade is necessary (e.g. larger transformer pad, spare vaults and conduits).*
	   • *Con Edison may not supply additional utility equipment or infrastructure required to support future-proofing loads. If provided, these may incur accommodation costs*
	   • *A separate case will likely need to be filed when the site is ready to proceed with any additional utility upgrades associated to the future loads*
	
	Are you verifying if the service request for the EV loads will be <u>adequate</u> for future proofing loads (at least 3 years from the time of filing)?
		☐ Yes (refer to Future Proofing section on page 4)
		☑ No

Q4	List existing Meter(s) <u>associated to the new EV chargers</u>. Optional, please list existing account number(s) associated to the new EV chargers.	Existing Meter #(s) for EV loads: <u> </u> Existing Acct #s for EV loads (optional): ☑ Requesting new meters for EV loads
Q5	Are you requesting new Con Edison meter(s)?	☑ Yes Estimated Qty: <u>2</u> ☐ No

Q5a	If you are requesting new meter(s) on an existing service, list existing meter(s) <u>associated to the existing utility service.</u>
	
	Note: We will need the meter information to understand the current loads at your existing service:
	   • *For low voltage or transformer service, list at least 1 existing meter*
	   • *For high tension service, list all existing meters*
		☑ Yes, On-premise meter #(s):
		   <u>123456789 </u>
		
		☐ Not applicable, requesting new service

Q6	Do you require a utility outage to energize new equipment? *Note: Any off-hour outage requests during the weekend, holidays, or outside of normal work schedule (Monday-Friday 7am-3pm) may result in an accommodation cost*	☐ Yes ☑ No (have an existing line-side disconnect switch or requesting new service) ☐ Not Sure

Q7	Preferred Incoming Utility Service Voltage _Note:_ • _Service Voltage provided by the utility is dependent on the utility infrastructure within the vicinity of the premise._ • _277/480V service voltage can only be supplied by Con Edison transformer(s) located on customer premise or sidewalk_	☐120/208V ☑277/480V ☐120/240V ☐High Tension ☐13kV ☐27kV ☐33kV ☐Any

Q8 — Type of Vehicles that will be charged at the station? (Please reflect on the table provided)

Vehicle Class	GVWR Category
Class 1: < 6,000	Light duty
Class 2: 6,001 - 10,000 lbs	<10,000 lbs.
Class 3: 10,001 - 14,000 lbs	
Class 4: 14,001 - 16,0000 lbs	Medium Duty
Class 5: 16,001 - 19,500 lbs	10,001 - 26,000 lbs.
Class 6: 19,501 - 26,000 lbs	
Class 7: 26,001 - 33,000 lbs	Heavy Duty
Class 8: > 33,001 lbs	>26,001 lbs.

☑ Any
☐ Light Duty
☐ Medium/ Heavy Duty (MHD)
<u>For MHD vehicles</u>, please include additional details that will help inform the load study:

Vehicle Class or Category	Quantity	Vehicle Battery size per vehicle (kWh)
Heavy Duty	10	530

Q9	Indicate EV Charging end-use? (Select any that apply)	☐ Public Charging ☐ Residential ☐ Taxi/Livery ☑ Commercial ☑ Trucking/Delivery
Q10	What hours of the day will vehicles typically be charged?	☐ Peak hours (8am to 10pm) ☐ Off-peak hours (10pm to 8am) ☑ Anytime
Q11	What days of the week will vehicles typically be charged?	☑ Weekday (Monday to Friday) ☑ Weekend (Saturday to Sunday) ☐ Unsure
Q12	Are there plans to use load management to limit the connected load(s)? _Note: Service determinations will only account for hardware limiting the loads and not load management software. For any limiting hardware please provide details in the Load Management Information section below._	☐ Hardware ☑ Both (software & hardware) ☐ None
Q13	List any other Energy Service electric cases associated to this premise. _Note: This is important to understand all the loads on-site for a proper ruling_	<u>MC Case #(s):</u> MC-XXXXX1 for Solar and battery storage MC-XXXXX2 for new building loads ☐Owner is not aware of any other Energy Service case

Loads for Service Request

Load studies for submitted case will incorporate equipment loads that is anticipated to be installed within 3 years

Electric Vehicle Charger Load Information

(Equipment that will be installed within 3 years from application submittal. All fields must be populated or may result in rejection)

Charger Type (Make & Model)	L2 or DCFC	Charger Quantity [A]	Input Power (AC) Max kW per Charger* [B]	Ports (Plugs) per Charger	# of Vehicles that can charge simultaneously per charger	Total Connected kW per Charger Type [C] =[A] x [B]	Total Max Demand kW per Charger/ Cabinet Type**	Ø	Charger Power Req. (volt and amp)	Estimated Date of Install
Brand XYZ 900	DCFC	4	1440	1	1	5760kW	2500kW	3	480V-300A	12/01/2025
Brand ABC 123	L2	20	10	2	2	200kW	144 kW	1	208V-160A	12/01/2025
Total Load (kW)						**5760 kW**	**2500 kW**			

2 DCFC per rectifier, total 2 rectifier cabinets with max capacity of 1,200kW each. Max demand of 2,500kW, loads will be limited at the rectifier power cabinets. For Level 2 Chargers, please see below for software load management incorporated with hardware limiting protective device.

* Must list maximum output of charger without factoring load management
** Customer hardware, such as Power Cabinets, may limit power levels below the EV charger's capabilities. As a result, charger output is capped at the requested kW to ensure safe and efficient operation. Note: this field does not reflect software-based load limitations. If your project includes software-imposed limits, please complete the next section, "EV Load Management Information," to provide those details.
Ø: Quantity of Phases

EV Load Management Information

If applicable, describe any load management software used with the Electric Vehicle Chargers? *Note: Load management software will not be considered for service determinations, because it can be reprogrammed for a larger power output.*
Software load management for (20) Level 2 Chargers to limit loads to 144kW, see hardware protective device below.

If applicable, describe any proposed hardware limiting the Electric Vehicle Charger loads? *Note: Include size of equipment - Ie. fused-disconnect switches and circuit breakers*
☑ *Required*: Customer understands that hardware limiting devices must be reflected on the one-line diagram. Any changes to the loads or design will require resubmission of the load letter and one line diagram.   3000 Amp fusible switch installed upstream of each DCFC rectifier cabinet (total of two)   400 Amp fused switch upstream of the (20) Level 2 chargers installed in conjunction with software load limitation.

Other Non-EV Loads

(If applicable, include equipment that will be installed within 3 years from application submittal. Adding residential or non-residential building loads may require a new application in Project Center for EV and non-EV loads)

Equipment Type	Connected load per equipment (kW/HP)	Quantity	Total Connected load (kW)	Estimated Date of Install	Comments (For heating or cooling equipment, please include the square footage)
HVAC Chiller	200kW	2	400	10/15/2025	Heat and Cooling, 200,000 SF
Pumps	25HP	2	37	10/15/2025	
Total Load (kW)			**437**		
Comments:					

Future Proofing Load

Future proofing loads are for equipment that will be energized at least 3 years from now. If you requested for future proofing study under Question 3 (Q3), understand that it will only inform if an additional service upgrade is necessary (e.g. larger transformer pad, spare vaults and conduits). Con Edison may not supply additional utility equipment or infrastructure required to support future-proofing loads. If provided, these may incur accommodation costs. A separate case will likely need to be filed when the site is ready to proceed with any additional utility upgrades associated to the future loads.

Future Proofing Electric Vehicle Charger Load Information
(If applicable, include equipment that will be installed beyond 3 years from application submittal.)

Charger Type (Make & Model)	L2 or DCFC	Charger Quantity [A]	Input Power (AC) Max kW per Charger* [B]	Ports (Plugs) per Charger	# of Vehicles that can charge simultaneously per charger	Total Connected kW per Charger Type [C] =[A] x [B]	Total Max Demand kW per Charger/ Cabinet Type**	Ø	Charger Power Req. (volt and amp)	Estimated Date of Install
Brand XYZ 950	DCFC	5	1440kW	1	1	7200	5000	3	480V-300A	12/10/2040
Total Load (kW)						**7200**	**5000**			

Future Proofing Comments:

Plan to install additional 7.2MW of DCFC by 2040.

* Must list maximum output of charger without factoring load management
** Customer hardware, such as Power Cabinets, may limit power levels below the EV charger's capabilities. As a result, charger output is capped at the requested kW to ensure safe and efficient operation. Note: this field does not reflect software-based load limitations. If your project includes software-imposed limits, please complete the next section, "EV Load Management Information," to provide those details.
Ø: Quantity of Phases

Future Proofing Other Non-EV Loads
(If applicable, include equipment that will be installed beyond 3 years from application submittal. Adding non-EV residential or commercial building loads may require submitting a new case in [Project Center](#) for EV and non-EV loads)

Equipment Type	Connected load per equipment (kW/HP)	Quantity	Total Connected load (kW)	Estimated Date of Install	Comments (For heating or cooling equipment, please include the square footage)
Total Load (kW)					

Future Proofing Comments: