

Proposed EV Submetering Ordinance

Sustainability, City Light, Arts & Culture Committee

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Background

- Submetering is the practice of installing a customer-owned electric meter downstream from the utility meter. The submeter measures how much electricity is provided to the end user.
- Seattle Municipal Code prohibits City Light customers from reselling submetered electricity.
 - Exemptions and protections exist for houseboats & mobile home parks.
- City Light proposes amending the municipal code to explicitly allow for submetering of electricity for EV charging.

Use Case #1 – Per-kWh Billing at Public EV Chargers

- Industry standard practice is to bill EV charger customers by the kilowatt-hour.
- This is the fairest way of billing customers.
- This ordinance will explicitly allow charging providers to bill customers on a per-kWh basis.



Use Case #2 – Submetering Chargers in Common Areas

- This ordinance will allow submetering of EV chargers in parking facilities with a common electric service and dedicated parking spaces.
 - These submetered chargers will be subject to the same protections granted in code to houseboats and mobile homes.



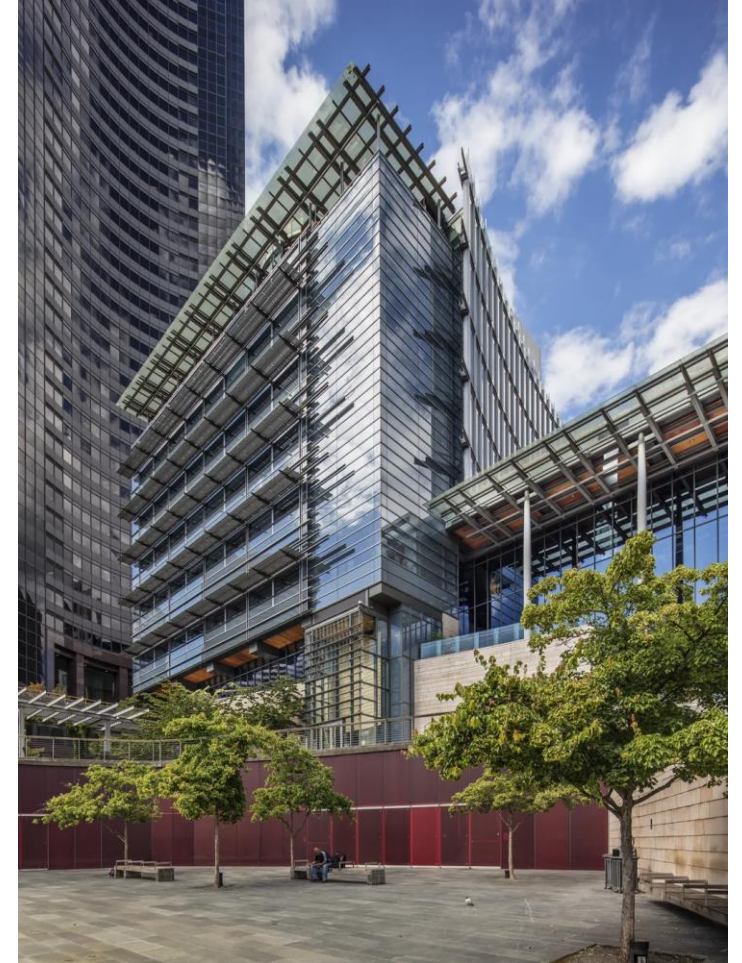
Use Case #2 – Submetering Chargers in Common Areas

- Provides a route to install cheaper EV chargers without burdening property managers & HOAs with the cost of electricity.
- Residents will be billed by the property manager or HOA for the actual cost of electricity, as measured by the submeter.
- No EV charger network or payment processing fees.



Proposed Council Action

- Amend SMC 21.49.100 to authorize the submetered billing of Seattle City Light electricity for electric vehicle charging.
- Allow EV charger operators to resell the electricity dispensed through an EV charger on a per kilowatt-hour basis.
- Allow property owners & homeowners associations to bill for submetered electricity provided to EV chargers in parking spaces dedicated to a specific tenant or other user.



THANK YOU



Seattle City Light