



TO: Elizabeth Pauli, City Manager
FROM: Michael P. Slevin III, P.E., Director, Environmental Services
COPY: IPS Committee, City Clerk
PRESENTER: Kristin Lynett, Office of Environmental Policy & Sustainability, Breanna Chance, Tacoma Power
SUBJECT: Transportation Electrification Overview and Update
DATE: June 12th, 2024

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PRESENTATION TYPE:

Informational Briefing

SUMMARY:

Staff will give an overview and update on the City's recent efforts to implement and support transportation electrification in Tacoma.

BACKGROUND:

The majority of Tacoma's climate pollution comes from the transportation sector, so it is crucial that the City equitably prioritize efforts to provide and support opportunities for our residents, businesses, and visitors to use Tacoma Power's clean electricity to fuel their vehicles.

ISSUE:

In order to meet our state's climate goals, it is modeled that Pierce County, including Tacoma, needs 950 public level two plugs, over 18,000 multifamily plugs, 2,000 workplace plugs, and over 800 public fast charger ports by 2030. While the City and our partners have made good efforts for the past five years, currently, a fraction of that exists. Both Federal and State governments have tax credits, rebates and grants to incentivize many public and private partners in this space to install charging infrastructure. But in a quickly evolving and growing field, hurdles remain, including designing and installing chargers in a developed City, technology and infrastructure challenges, maintenance, and enforcement.

ALTERNATIVES:

This is an information briefing only. There are no alternatives presented.

FISCAL IMPACT:

This is an information briefing only. There is no fiscal impact.

RECOMMENDATION:

This is an information briefing only. There is no recommendation.