



Seattle City Light

Transportation Electrification Briefing & Council Action

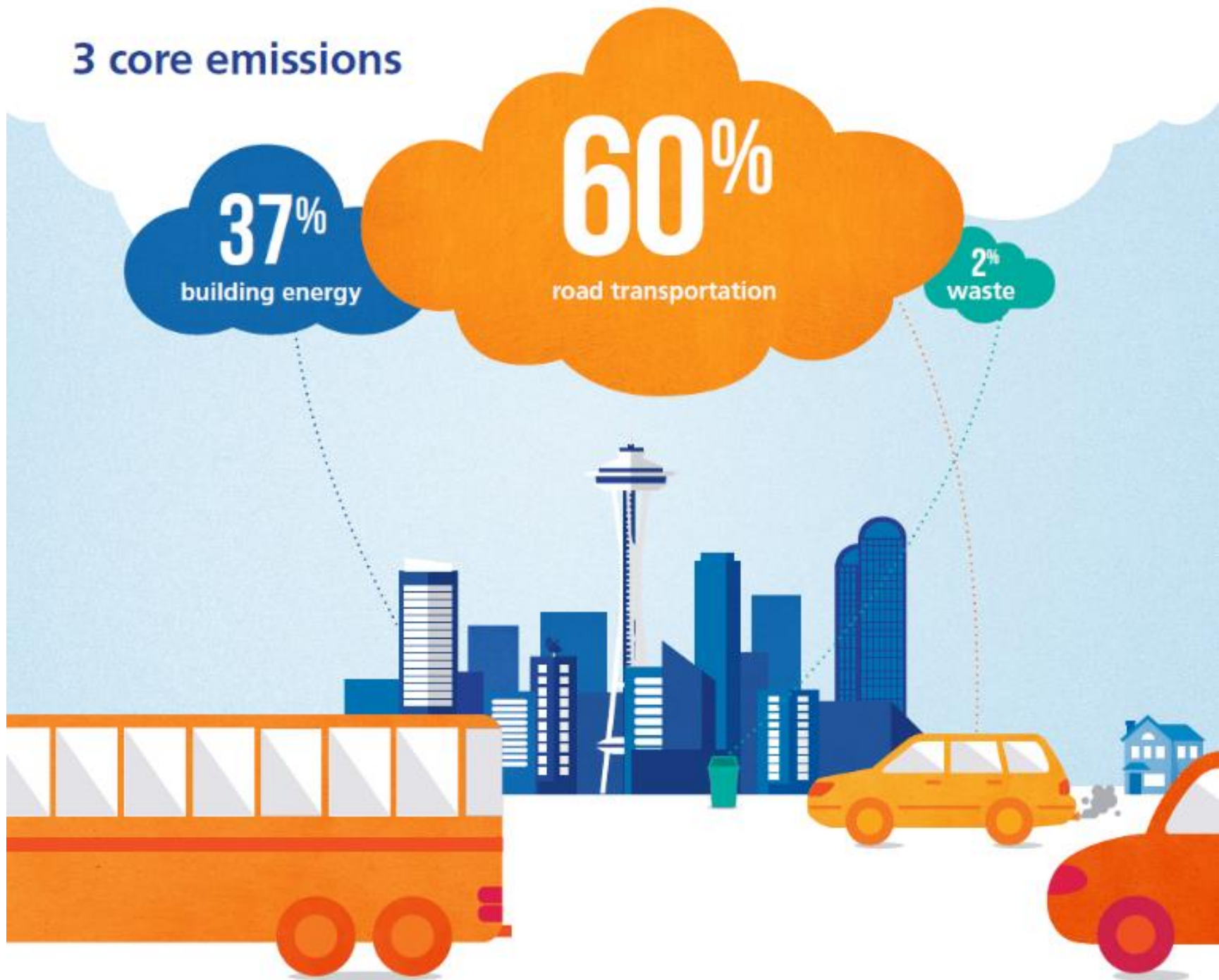
January 17, 2024

Agenda

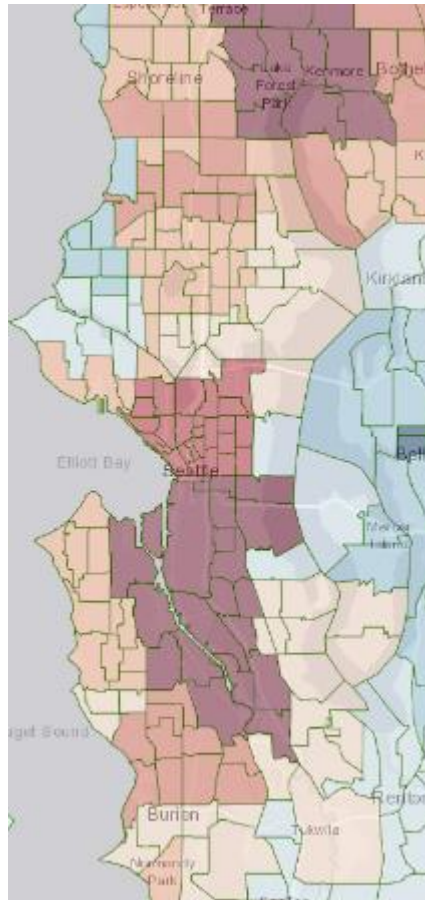
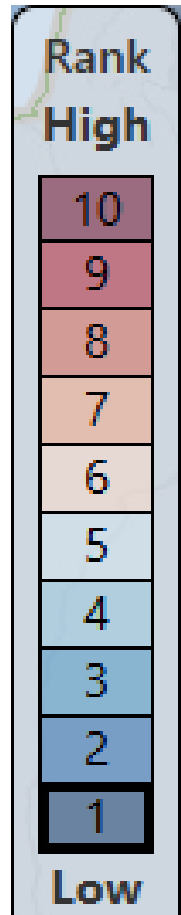
- Background and Progress To-Date
- Updated 2025-2030 TESIP Strategies
- Electrification Enabling Actions
- Community Outreach & Engagement
- Council Action



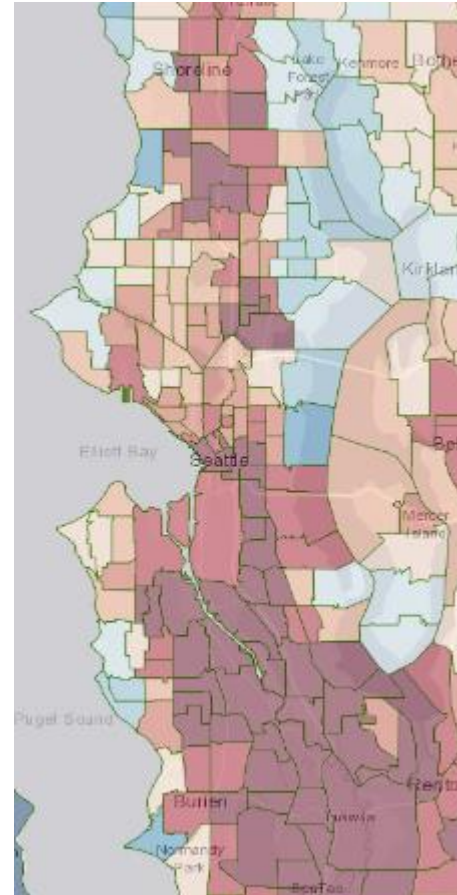
Decarbonization through electrification



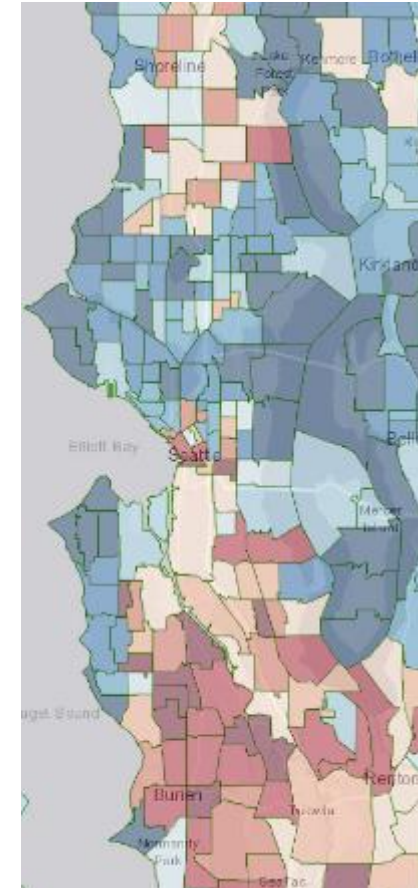
Transportation Electrification and Environmental Justice



Air pollution

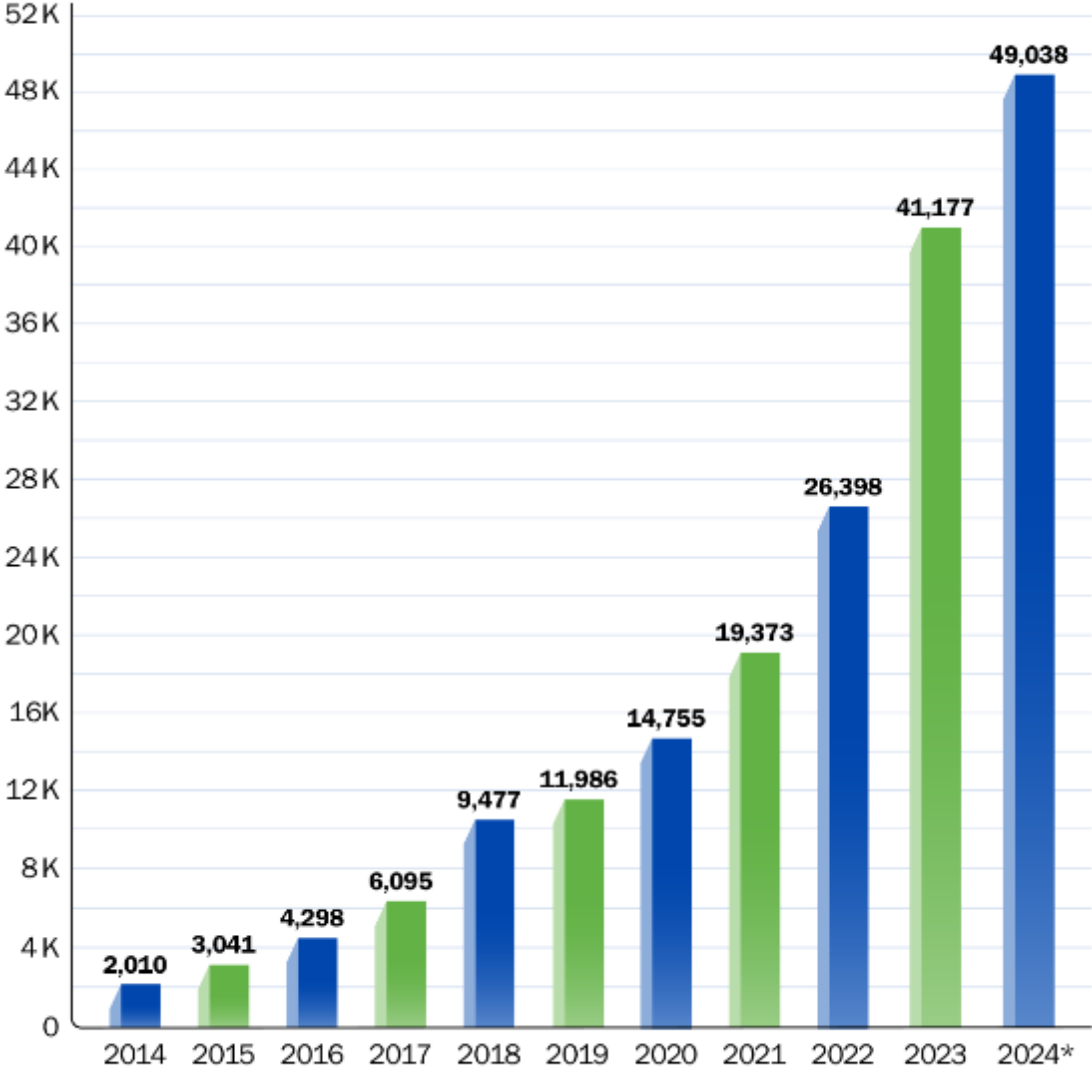


Diesel pollution



Health disparities

Electric vehicle adoption is growing fast in Seattle Area



Source: Electric Power Research Institute.
*Data through Aug 2024

Progress on 2020-2024 Plan

- Public EV Charging Program
 - 25 public EV fast chargers installed
 - 60 public Level 2 EV chargers installed
- Multifamily Charging Program
 - 190 assessments; 309 chargers
- Fleet Charging Program
 - 25 assessments; 91 chargers
- Single-family Charger Rebate
 - 420 chargers



Transportation Electrification Investments

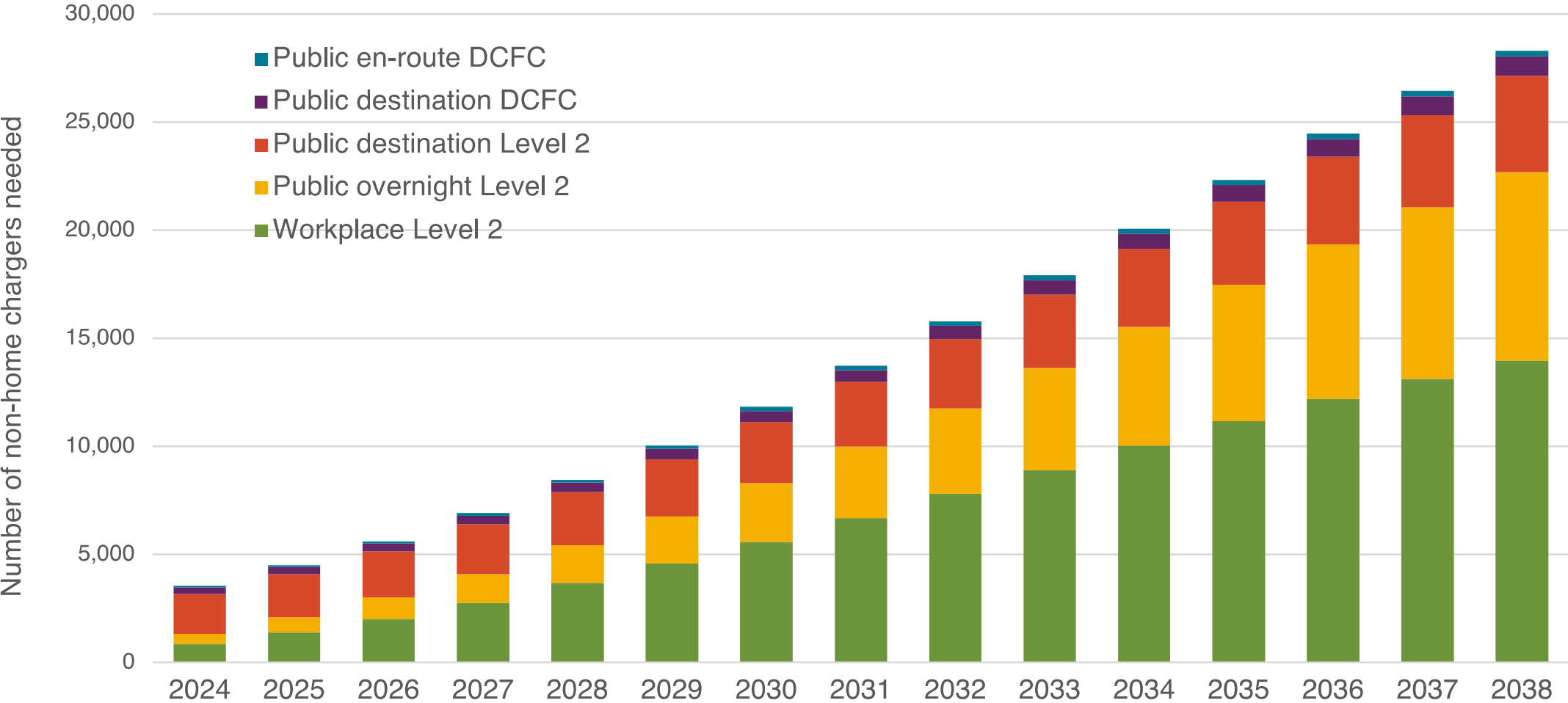
2025 - 2030



Seattle City Light



Research-Based Planning for Growth



Source: International Council on Clean Transportation, 2024

Community Input on Strategy Development

In TESIP Phase 2 Outreach during August & September 2024, City Light solicited feedback from:



Community Priorities for Investment



→ **Provide Equitable Access**



→ **Increase Communication and In-Person Engagement**



→ **Improve Health**



→ **Strengthen Community Self-Determination**

2025-2030 Investment Priority Areas

- Transit
- Public Charging
- Home Charging
- Commercial Charging
- Workplace Charging
- Non-Road Vehicles

Infrastructure



- Load Management
- Grid Investments
- Funding Resources
- Policy Coordination
- Workforce Development

Electrification Enablement



- Community Partnerships
- Outreach & Engagement

Community and Stakeholders



Transit Strategy

- + Assist transit providers with implementing electrification plans
- + Priorities
 - Provide technical and engineering assistance
 - Partner on state and federal funding opportunities
 - Ensure projects address community priorities



Public Charging Strategy

- + Expand access to convenient, dependable public charging
- + Focus on equitable investments, especially in overburdened communities
- + Priorities
 - Improve customer experience
 - Build additional chargers
 - New technologies and customer preferences
 - Offer financial incentives



Home Charging Strategy

- + Help customers access the most convenient, lowest-cost solutions
 - Instant discounts available for single-family households
 - Advisory services and rebates available for multifamily housing
- + Priorities
 - Support higher-barrier households
 - Offer solutions to support grid resiliency



Commercial Charging Strategy

- + Assist commercial customers in planning for and implementing charging projects
- + Significant per-vehicle benefits for heavier and high-mileage vehicles
- + Priorities
 - Provide technical assistance
 - Provide incentives, especially in overburdened communities



Workplace Charging Strategy

- Help employers implement workplace charging projects
- Priorities
 - Offer technical assistance
 - Provide financial incentives, especially for small businesses, non-profits, and women- and minority-owned enterprises



Non-Road Vehicles Strategy

- + Assist key customers with maritime, aviation, and rail operation electrification
- + Priorities
 - Closely coordinate with project engineering and design for service planning and delivery



Transportation Electrification Enablement Strategy

- + Load management & grid investments
- + Pursue external funding to support affordability
- + Serve as trusted partners to policymakers to support community
- + Contribute to building local economic and educational opportunities



Community Partnership Strategy

+ Meeting communities where they are at and working towards co-developed solutions that meet both utility and customer needs

+ Priorities:

- Strengthen community partnerships
- Remain accountable to the community
- Expand and tailor communications and outreach



Outreach and Engagement Strategy

- + Build deeper relationships with community and customers that enables their participation in electrification
- + Priorities:
 - Communicate and educate key utility/energy topics
 - Create pathways for feedback and integration
 - Expanded, robust, targeted, and dynamic education and outreach campaign



Council Resolution 32160 – What it Does

- + Adopts the proposed 2025-2030 Transportation Electrification Strategic Investment Plan (TESIP)
- + Requests that City Light consult with other departments, stakeholders, community partners and customers on initiatives, programs and incentives during TESIP implementation.
- + Requests City Light to submit an annual report on TESIP progress and City Light will update the plan every 5 years.



THANK YOU



Seattle City Light