

Getting Seattle Plug-in Ready **City Council Briefing**

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December 13, 2010

ELECTRIC VEHICLES ARE HERE

- Create jobs
- Foster economic growth
- Reduce greenhouse gas emissions
- Reduce reliance on foreign oil
- Reduce pollution
- Carbon neutrality

Nissan Leaf



**Ford Transit
Connect**



EVs ARE VISIBLE

- Nissan Stadium dealership opening (October 26)
- Nissan's Drive Electric tour (November 12-14)
- Zero Emissions Around the World Race (November 13)
- First Nissan Leaf delivery (December 17)



CHARGING STATION INFRASTRUCTURE

- Home Charging
 - 900 private Level II charging stations (EV Project)
- Public Access Network
 - 350 public Level II and 22 public DC/Fast Charge (EV Project)
 - 24 public Level II charging stations in public property, e.g. Seattle Center and Pacific Place (Clean Cities)
- Fleets Charging
 - Purchasing 35 EVs and installing 26 charging stations in SMT and 10 on field priority locations
 - #1 Government Green Fleet in North America – 100 Best Fleets (October 2010)



BEING PLUG IN READY

- Developing consumer information - SCL, DPD, SDOT
- Streamlining charging station permitting process - SCL, DPD, SDOT
- EV parking ordinance - SDOT

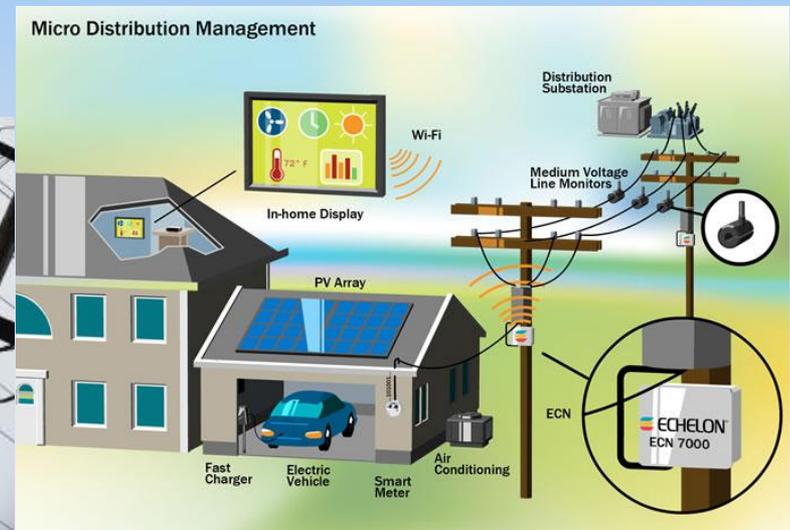


Installation of Electric Vehicle (EV) Charger for Single Family and Multifamily Residences

- The minimum lot size required for a backyard cottage is 4,000 square feet.
- A backyard cottage is limited to a gross floor area of 800 square feet, including garage and storage areas.
- Entrances to backyard cottages may not face the nearest side lot line or the rear lot line, unless there is an alley abutting on that side of the lot.

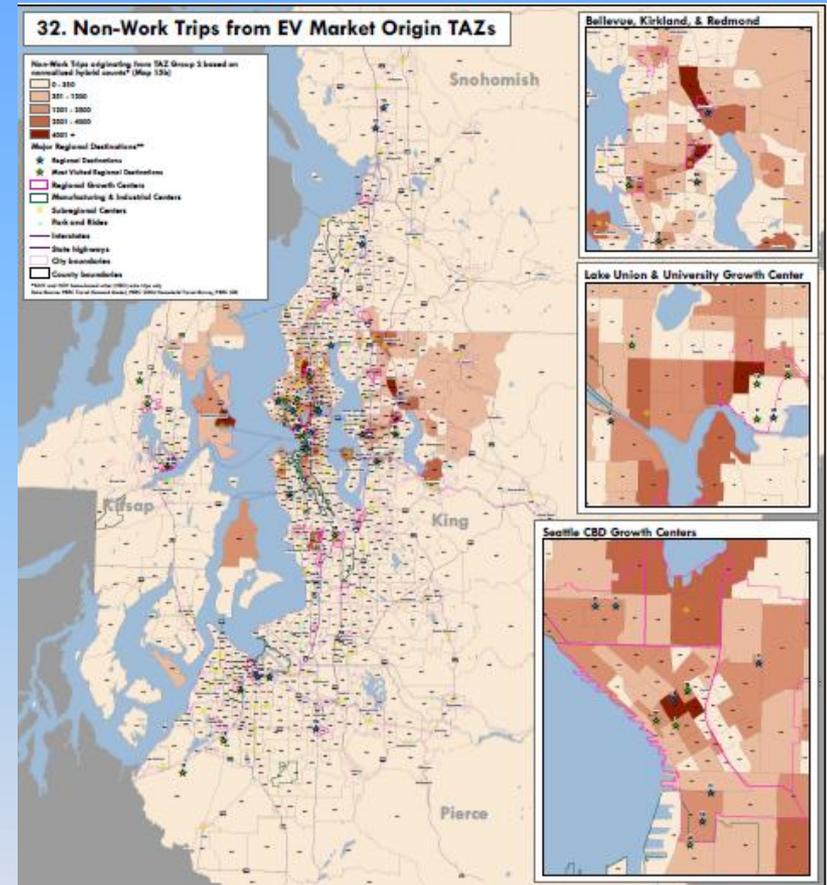
EV CHALLENGES

- Smooth EV charging station permitting process – SCL, DPD
- Upgrade service connections and potential distribution system overload - SCL
- Right-of-Way issues – SCL, DPD, SDOT



EV STRATEGIC PLANNING

- Puget Sound Regional Council model codes and ordinances
- Regional EV infrastructure strategy
- Travel pattern analysis
- Regional network
- Development of state-wide signage and wayfinding design standards



QUESTIONS?

