



# Washington Utilities and Transportation Commission Work Session

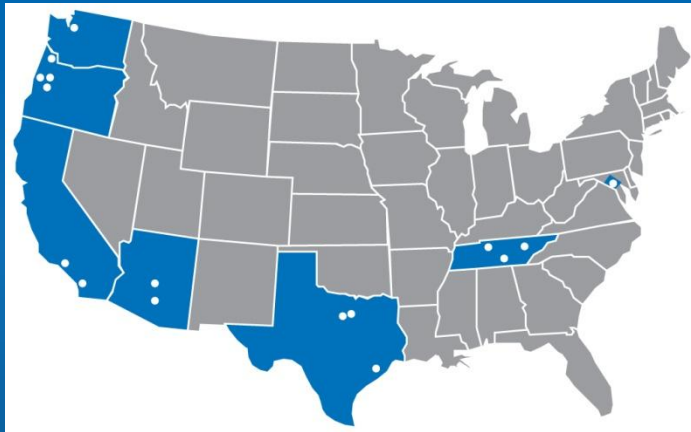
October 28, 2010





- Established in 1996
- Subsidiary of ECOTality (NASDAQ: ECTY)

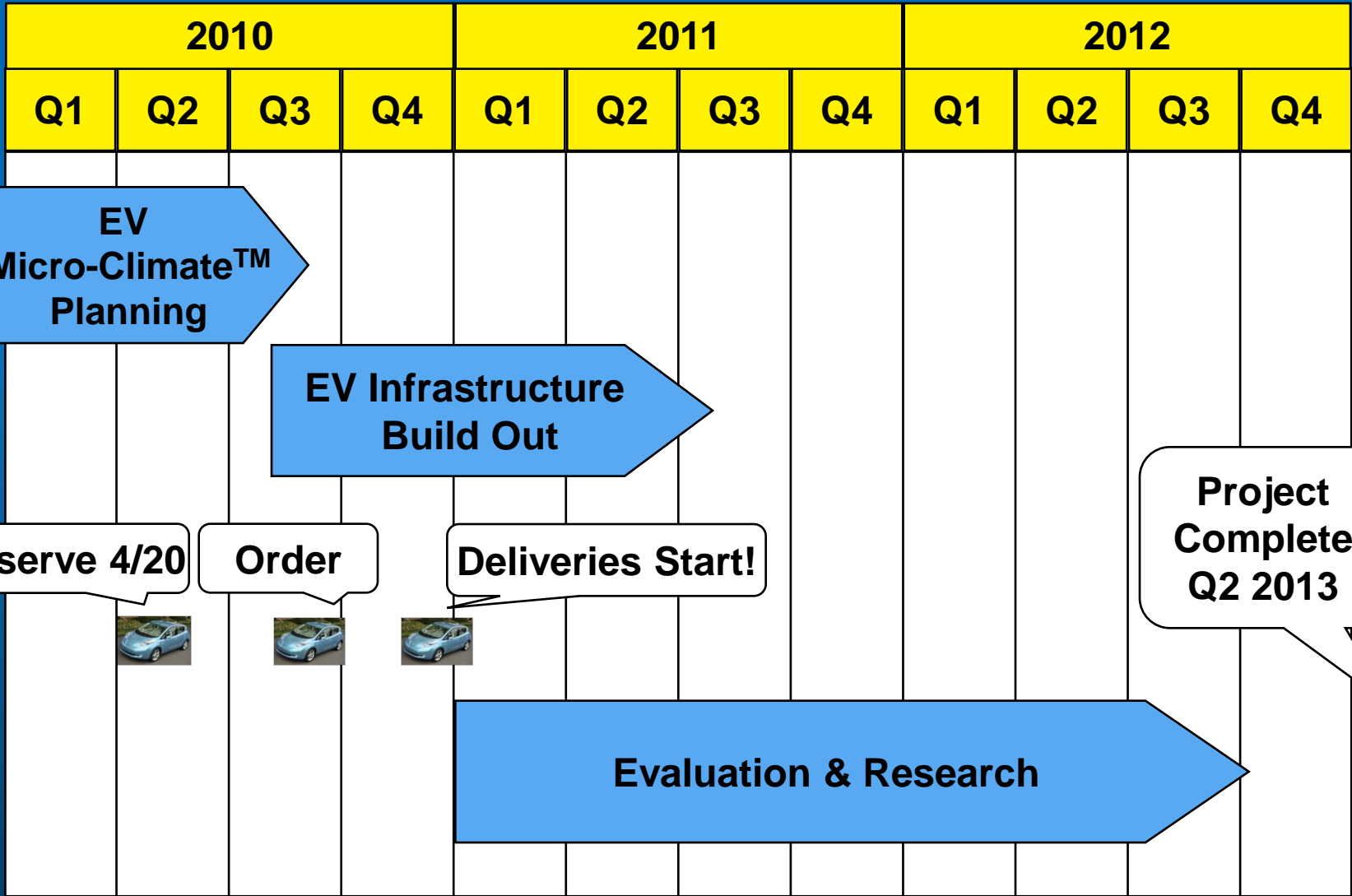




Charging Station Locations

- \$230 million total
  - \$115 million US DOE Contract
- 8,300 Electric Vehicles
- 15,000 charging stations
- 16 metro areas in six states and the District of Columbia
- Transportation Corridors





## Level 2 (240V) Charging Stations



11 - 22 miles per  
60 minutes of charge

## DC Fast Charge (480V) Charging Stations



30 - 40 miles per  
10 minutes of charge

# Level 2 Commercial Deployment

## Where?

- Urban Centers
- Destinations – Shopping, Recreation, etc.
- Transient Parking: 1 – 3 hours

## Why?

- Reduce range anxiety
- Business Hosts:
  - Draws EV customers—they stay longer
  - Advertising advantages
  - Revenue sharing



# DC Fast Charge Deployment

## Where?

- Short visit locations:
  - Gasoline stations
  - Convenience Stores
  - 10 – 15 minute charge



## Why?

- Support destination travel
- Enable worry-free travel throughout the region
- Enable corridor travel



**blink**

# blink

... is Open.

... is Smart.

... is Connected.

... is a Lifestyle.

... is Freedom.





# Blink EVSE Integrated for Smart Charging

Integrated revenue grade energy meter

- TOU registers
- Multiple tariffs
- ANSI C12.1 certification in progress

Integrated SSN NIC card capable

- V2G capable
- Real time load control
- Bi-directional communications



Smart grid utility program

- Silver Spring Networks
- Itron
- Elster
- etc....



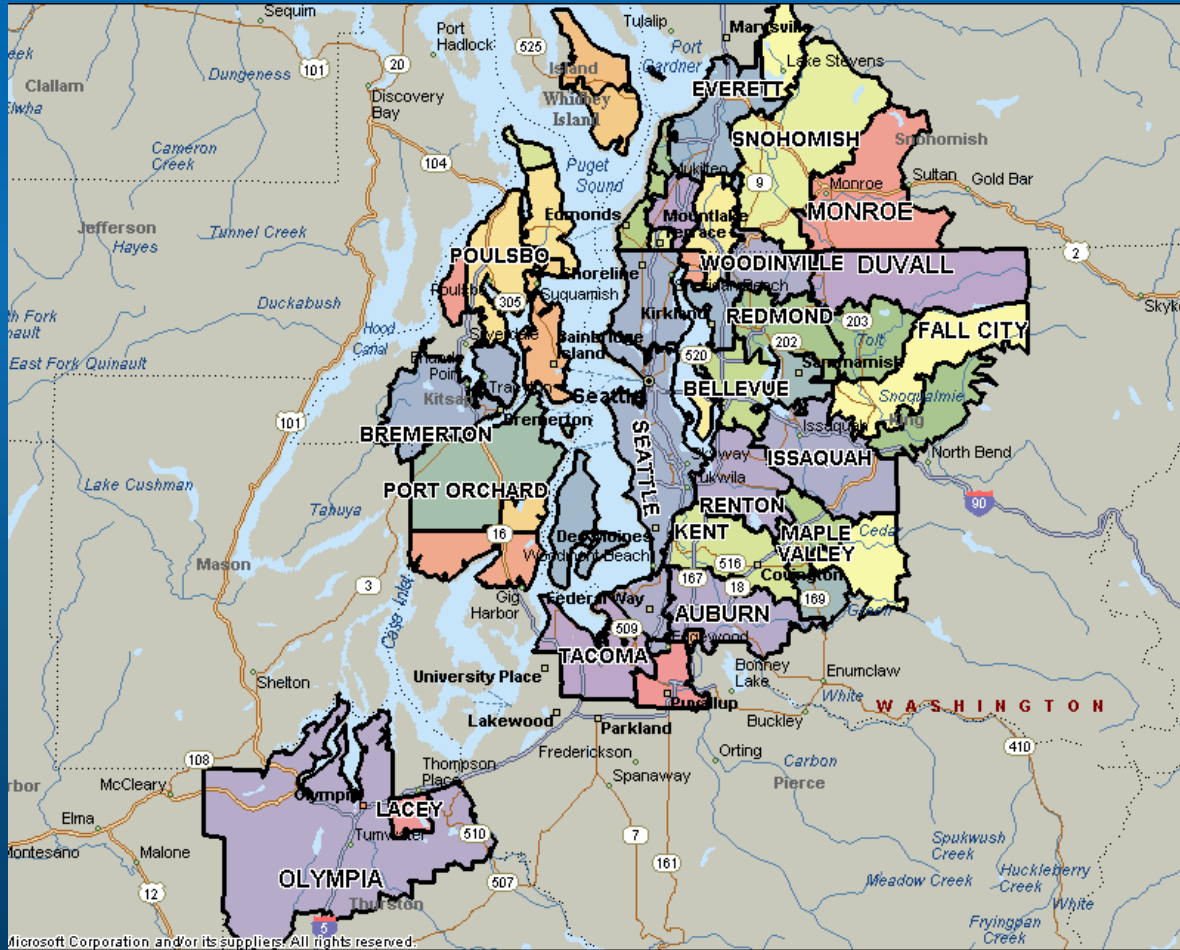
Portal/Apps Suite



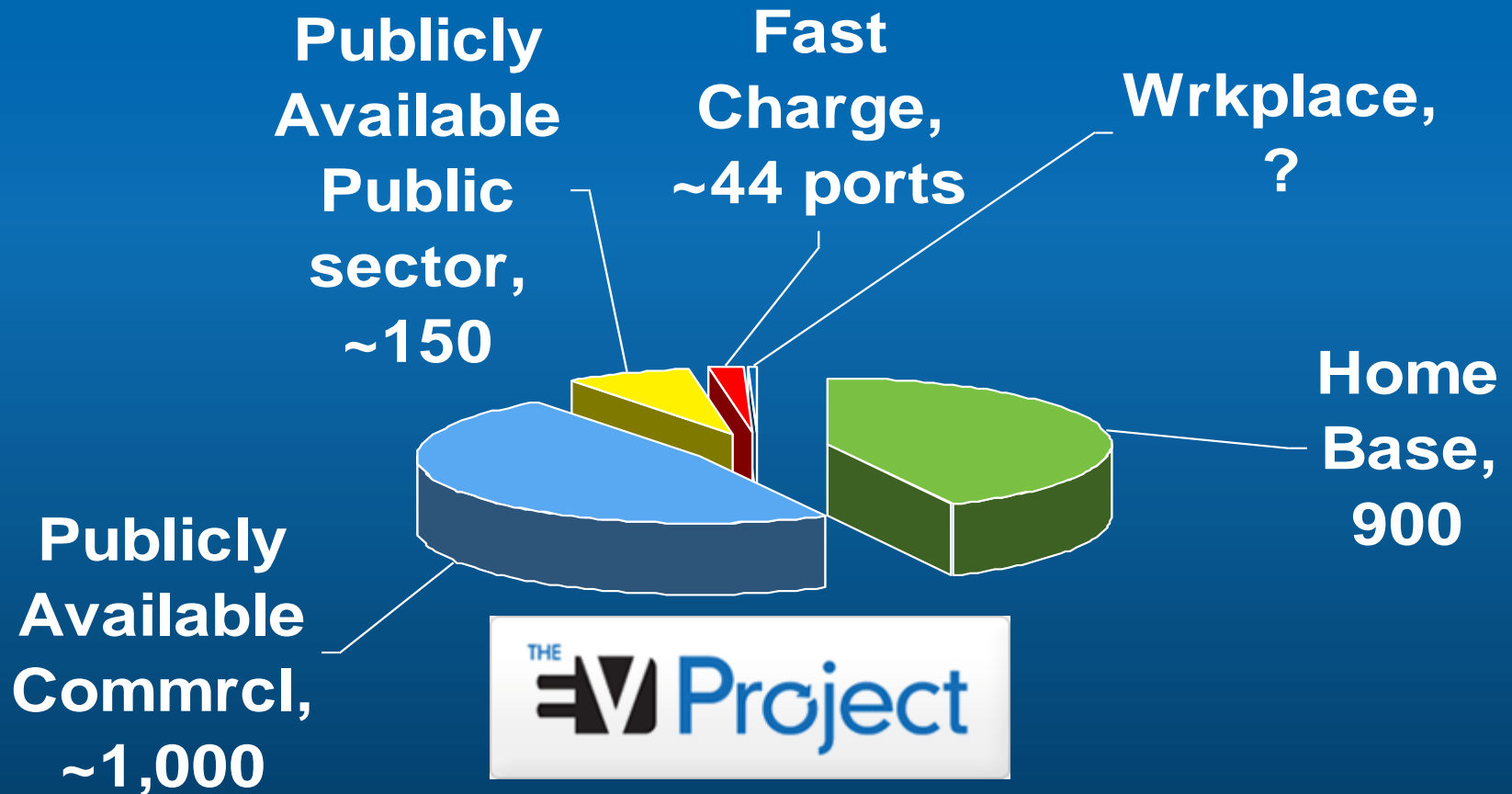
# Central Puget Sound and Olympia Deployment



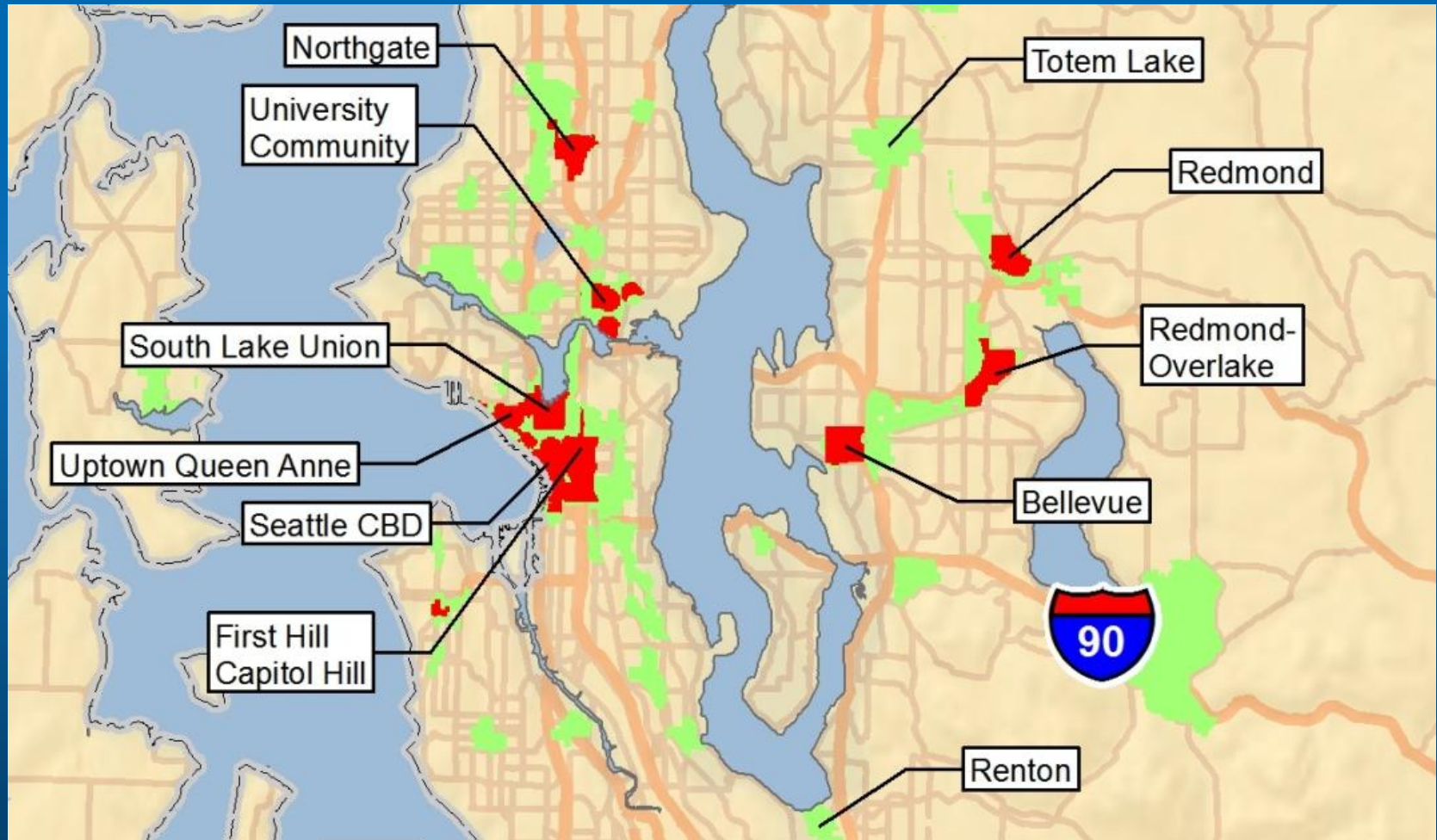
# Central Puget Sound & Olympia Participation Map



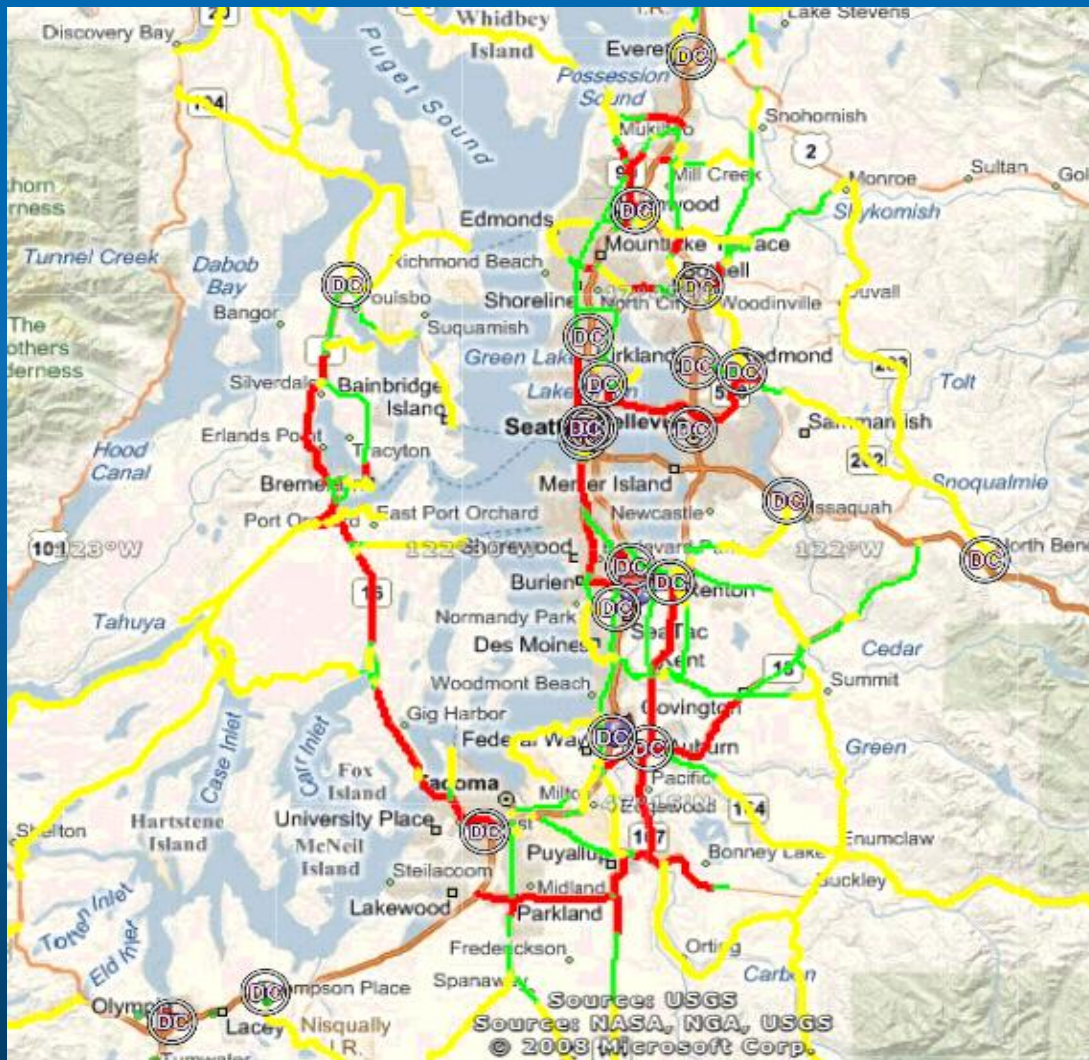
# Estimated Charging Station Deployment for Central Puget Sound & Olympia



# EV Micro-Climature Density Model Output



# Potential DC Fast Charge Sites





# Contact Information

**Rich Feldman**

**ECotality PNW Regional Manager**

**[rfeldman@ecotality.com](mailto:rfeldman@ecotality.com)**