

Government Accountability & Oversight Committee Presentation – Electric Vehicle (EV) Briefing

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Transportation
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King County

What We've Already Done

- Clean Vehicles NOW! Conference - 2007
- Evergreen Fleet Initiative - 2007
- Idaho National Lab PHEV Pilot Project - 2008
- Park and Ride Plug-In Pilot Project – 2008

Existing Level 1 Charging Stations in King County

- Base Parking Structure (Atlantic/Central/Ryerson) - 32
- Eastgate Structured Parking - 3
- Issaquah Highlands Structured Parking - 14
- Redmond Structured Parking - 12
- Burien Transit Center - 5
- Brickyard P&R - 5 (Scheduled for 1st Quarter 2010)

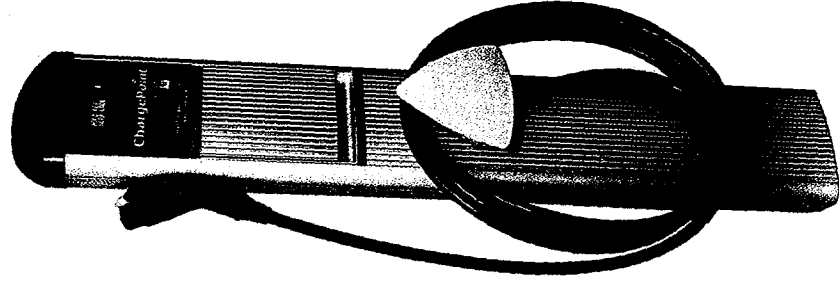


Going To The Next Level

- 220V charging standard
- ARRA Funding - \$2.4 billion
- \$8 billion in loans to Ford, Nissan and Tesla

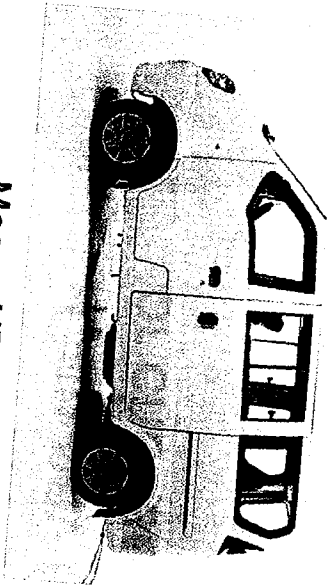


ChargePoint Networked Charging Stations

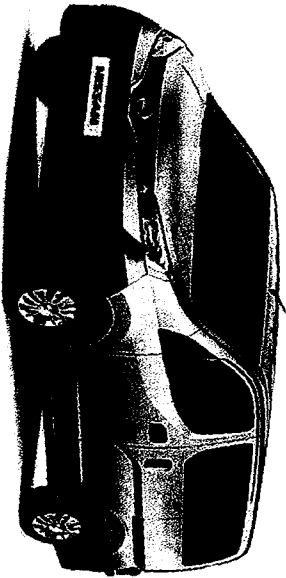


- Supports 110v and 220v charging
- One EV per station
- Uses local cellular network to communicate
- Can pay for an individual charge by phone or choose a monthly subscription.
- Future options include credit card or debit card payment.

What's Out There



Moose NEV



Nissan NV200 Van



AZD Balance Hybrid Electric E-450 Bus



King County's Prius PHEV



EV Grant Proposals

Status	Grant	Vehicles	# of Charging Stations	Land Value
Secured	EEBG	0	< 70 charging stations	\$2.1 million
Pending	Clean Cities	0	< 50 charging stations	\$1.5 million
Pending	Ford	15 Azure Minibuses for ACCESS	215 charging stations	\$6.5 million
Pending	eTec/Nissan	< 74 Electric Sedans	< 110 charging stations	\$3.3 million
Pending	Better Place	< 10 Electric/PHEV Vehicles	< 50 charging stations & 1 battery swapping facility	\$1.9 million

Grant to pay for this portion of project

Policies Questions

- Parking Stall Reservation Fees**
- No Net Cost to the County**



Partnerships & Related Programs

- Bellevue
- Seattle
- WSDOT
- Sound Transit
- PSE (Puget Sound Energy)
- PSRC (Puget Sound Regional Council)

