

The background of the slide features a collage of three images: a wind turbine on the left, a large gear in the center, and a compact fluorescent lightbulb on the right. The entire image is overlaid with a semi-transparent blue filter.

Electric and Plug-in Hybrid Vehicles – Early Perspectives on Siting

March 18, 2010





Electric Vehicles/Plug-in Hybrids are Coming



2009



2010



2011



2012





Equipment



Charge Port

SAE Standard Plug – J1772

Charging Station

Charging Levels

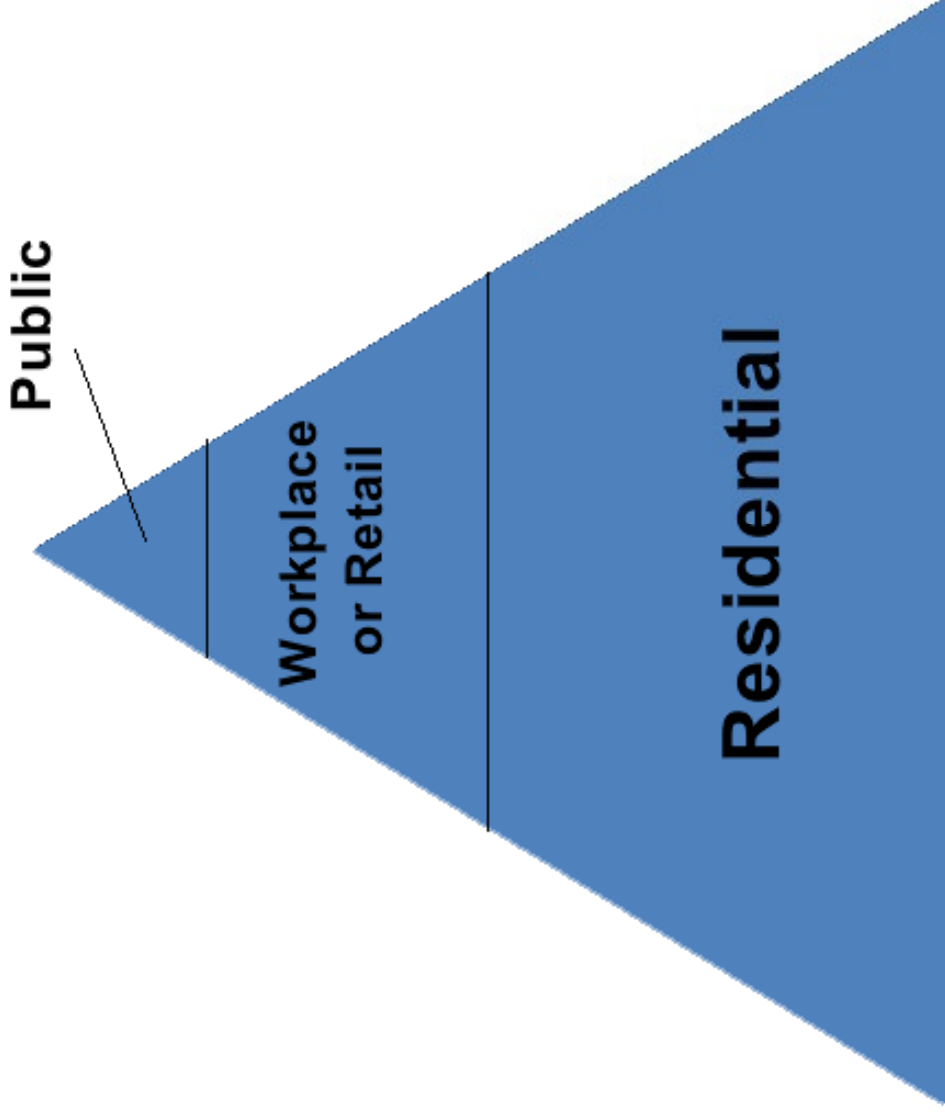
Level 1: 110V, up to 20A – charger on vehicle, J1772 Plug

Level 2: 208-240 V, up to 80A – charger on vehicle, J1772 Plug

Level 3: DC “fast charge” – charger off vehicle, plug TBD
(currently TEPCO)



Charging Scenarios – Volume of Chargers

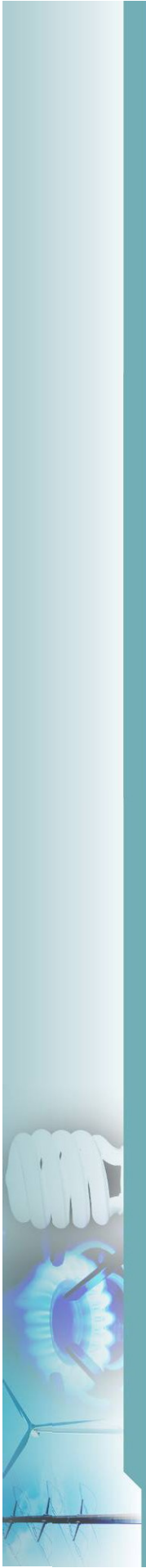




Early Perspectives on Siting



- Consider your priorities and customers
- Look at your site(s) for parking layout and electrical layout
- Have a plan for expansion
- Involve your utility and electrical contractor early
- Think about the surrounding pieces (bollards, curbs, signage)
- Be flexible



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