Electric Vehicle Supply Equipment (EVSE) and Multi Unit Dwellings
Background

• 10+ years in transportation electrification
• 2,000+ connection points in 35 states (TSE and EVSE)
• First mover in energy vending
• Early partner w/ PGE in 2007 (Portland – World Trade Center)
• Customization
• Customers:
MUD: Key Questions

- Power availability and type
- Security & access
- Cost allocation
- Ease of use
- Current needs, capacity
- Future proofing
- Budget
- Design and aesthetics, HOA
- LEED & renewables
Glisan Commons Apartments

• $15M mixed use, transit oriented development
• 67 units of workforce housing and office space.
• Non-profit collaboration
• LEED Gold
Glisan Commons Apartments
Shaver Green Apartments

- $12M project, 85 living units
- Partnered with Zipcar
- LEED Gold
- Community center
- 32 parking stalls
Shaver green will debut the first solar powered electric vehicle (EV) car share facility in Portland, and perhaps also in the nation.

Partnering with Zipcar, the Shaver Green building will provide an EV car and charging station on site that is available to residents and nearby neighbors.

The first car to use this charging station will be a retrofitted hybrid and will eventually be replaced by a fully electric vehicle when the cars are available commercially sometime in 2010.

The charge to the cars will be provided by the roof top solar array which will also power common area electric loads in the building (such as lobby and exterior lights).

Any excess will be sent back to the utility grid, reducing the region's overall energy demand from carbon based sources, such as coal.
Solar Carports