



# **Austin Energy Electric Vehicle Public Charging Pilot Tariff**



# Program Overview

Initiating pilot phase of PEV Program based on a grid-impact operational view

- Home charging program
  - Rebate and customer agreement
  - January 2011 rollout
- Public charging program
  - ChargePoint grant
  - 100-200 stations on public and private property
  - February 2011 rollout
  - Includes tariff to allow EV drivers to pay for their use of public charging stations

# Public Charging Program: Status

- Currently consists of Coulomb's ChargePoint America Grant
- CPA is Stimulus grant that will provide 100-200 charging stations (value of \$4600/station)
- Match is installation costs (\$3,000-\$10,000/installation)
- Austin Energy staff will install about 50 on City properties (\$250,000)
- Austin Energy will launch Station Host Program to install on non-City properties (privately funded)

# Coulomb Charging Stations



- Manufactured and distributed by Coulomb Technologies, Inc.
- Level 2 stations (240 volt)
- 3.3 kW draw
- Charge time 2-3 hours for Volt (8 kWh) and 6-8 hours for Leaf (24 kWh)
- Standard J1772 connector
- Coulomb provides network services (customer identification, transactional information and billing, etc.)

# Station Host Program Implementation

- Austin Energy will own all ChargePoint stations
- Station Hosts responsible for installation costs
- Austin Energy responsible for maintenance and network operations
- EV drivers will have option of hourly or flat (subscription-based) payment

# Pilot Subscription Rate

## \$25/6 Months Unlimited Access

- Station access via a swipe card
- Goal is to enroll all EV drivers who are Austin Energy customers
- Open to non-Austin Energy customers as well
- Rate based on projected monthly average per-driver use of public charging stations of 40 kWh (approx. 12 hours of charging)



# Pilot Hourly Rate

**\$2/hour**

- Intended for drivers who are not Austin Energy customers and who need one-time or very infrequent use
- Designed to cover kWh, Coulomb fees, and contribution to grid operations

# Next Steps

- Post for Council hearing on 2/10; possible action on 3/3
- Begin operations of first charging stations by March
- Continue to work with all interested EV charging station vendors to expand network in Austin
- Goal is to have flat-rate access to all stations in service territory, regardless of station/network operator
- Use charging data to refine cost analysis for subsequent tariff iterations



# Questions & Discussion

Austan Librach

[austan.librach@austinenergy.com](mailto:austan.librach@austinenergy.com)

Larry Alford

[larry.alford@austinenergy.com](mailto:larry.alford@austinenergy.com)

Rachel Proctor May

[rachel.may@austinenergy.com](mailto:rachel.may@austinenergy.com)

