Rate Design Subcommittee
Georgia Power’s Plug-in Electric Vehicle Rate

TOU-PEV Customer Growth

Super Off Peak: 1.4
Off Peak: 6.6
On Peak: 20.3

Varying block prices (¢/kWh)

Usage increase in super off peak
26% Average R Customer
→ 36% TOU-PEV Customers

Average Savings of $180 per year
Rate Design Subcommittee
Transportation Electrification and NARUC

Jeanette Shaw, Director, Government Relations
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Who we are:

Nonprofit (501c6 & 501c3)

Mission: Forth is transforming the way we get around. Through innovation, demonstration projects, advocacy and engagement, we are advancing electric, smart, autonomous and shared transportation in the Pacific Northwest and beyond.

Funded by grants, member companies, and Roadmap—our annual conference

Membership 120+ companies, utilities, local governments, other stakeholders
Not Just Cars
Industry Development

Monthly networking

Connect companies & resources

Roadmap Conference
www.roadmapforth.org
Consumer Engagement
Demonstration Projects
Community Based Organizations and Outreach Efforts
Legislative & Regulatory

Transportation Electrification
Public Input Workshop
August 3, 2016

Transportation Electrification Plan
MARCH 2017
Current Mobility System Largely Broken

Underutilized. Cars parked 95% of time, average occupancy in US 1.08 = 1.35% “Capacity Factor”

Expensive. Mobility is 2\textsuperscript{nd} highest expense in US families – about $9,500/year) and traffic costs economies billions.

Dirty. The primary source of air pollution and a major source of carbon pollution (more than power plants in US)

Inefficient. Only about 1% of energy consumed actually moves people

Dangerous. Car accidents kill 1.2 million annually worldwide
Electric Vehicles are Key to Carbon Goals
Electric Cars Are Coming Fast – Example

Oregon ~16,000
Lane Electric Territory ~352
What Might This Mean for Utilities?

Stronger Relationships with Customers – and New Questions

Increased Electricity Sales with “Good” and Flexible Load

Downward Pressure on Rates

Changes to Peak Load

Possible Distribution Impacts – and Demand Response Opportunities
Strategies to Explore

Develop a Plan

Customer Outreach & Education

Support Key Markets

Encourage “smart” charging

Engage with Key Stakeholders

Engage with Forth – We Can Help!
Questions?

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