### Alameda County Transportation Services: Electric Vehicle Fleet Projects

#### EV Fleet Collaborative Project

**Scope**
- $5M project/$2.8M grant
- 10 Agencies
- 90 vehicles/chargers
- National demonstration

**Funding**
- CMAQ funding through the Metropolitan Transportation Commission

#### EV Corridor Project

- Alameda County purchased and installed 40 EV charging stations in the County
- Construction was completed in April, 2013
- Funding was received from the California Energy Commission ($182,762) and the Bay Area Air Quality Management District ($84,960) to offset the County’s costs

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### Why EVs?

**EVs and plug-in hybrid vehicles are less expensive to operate and significantly reduce or eliminate direct emissions.** (See chart on right for cost comparison)

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### Fuel Cost Comparison

<table>
<thead>
<tr>
<th>Vehicle</th>
<th>Fuel Cost</th>
<th>Avg. MPG</th>
<th>Cost/Mile</th>
<th>Cost/8,000 miles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compact</td>
<td>$4.50</td>
<td>27</td>
<td>$0.16</td>
<td>$1,280</td>
</tr>
<tr>
<td>Intermediate</td>
<td>$4.50</td>
<td>21</td>
<td>$0.21</td>
<td>$1,680</td>
</tr>
<tr>
<td>Full Size</td>
<td>$4.50</td>
<td>12</td>
<td>$0.37</td>
<td>$2,960</td>
</tr>
<tr>
<td>Hybrid</td>
<td>$4.50</td>
<td>37</td>
<td>$0.12</td>
<td>$960</td>
</tr>
<tr>
<td>EV-Peak</td>
<td>$0.15 per kWh</td>
<td>100 miles per charge</td>
<td>$0.036</td>
<td>$288</td>
</tr>
<tr>
<td>EV-Off Peak</td>
<td>$0.08 per kWh</td>
<td>100 miles per charge</td>
<td>$0.019</td>
<td>$152</td>
</tr>
</tbody>
</table>

For more information see www.acsustain.org or contact:
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