<table>
<thead>
<tr>
<th><strong>Docketed</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Docket Number:</strong></td>
</tr>
<tr>
<td>16-TRAN-01</td>
</tr>
<tr>
<td><strong>Project Title:</strong></td>
</tr>
<tr>
<td>SB 350 Transportation Electrification (Publicly Owned Utilities)</td>
</tr>
<tr>
<td><strong>TN #:</strong></td>
</tr>
<tr>
<td>213891</td>
</tr>
<tr>
<td><strong>Document Title:</strong></td>
</tr>
<tr>
<td>Presentation - Electric Vehicle Equity by Joel Espino</td>
</tr>
<tr>
<td><strong>Description:</strong></td>
</tr>
<tr>
<td>October 5, 2016 Workshop - Electric Vehicle Equity: Building an EV Ecosystem that Leads with Low-income Communities of Color</td>
</tr>
<tr>
<td><strong>Filer:</strong></td>
</tr>
<tr>
<td>Patty Paul</td>
</tr>
<tr>
<td><strong>Organization:</strong></td>
</tr>
<tr>
<td>The Greenlining</td>
</tr>
<tr>
<td><strong>Submitter Role:</strong></td>
</tr>
<tr>
<td>Public</td>
</tr>
<tr>
<td><strong>Submission Date:</strong></td>
</tr>
<tr>
<td>10/4/2016 1:22:08 PM</td>
</tr>
<tr>
<td><strong>Docketed Date:</strong></td>
</tr>
<tr>
<td>10/4/2016</td>
</tr>
</tbody>
</table>
Electric Vehicle Equity: Building an EV Eco-system that Leads with Low-income Communities of Color

Key Topics

- Understanding equity in clean transportation
- The Charge Ahead California Initiative (SB 1275)
- Equity in IOU EV pilots
- Equity recommendations for EV infrastructure
- Takeaways

October 5, 2016

Joel Espino
Legal Counsel, Environmental Equity
Equity in Clean Transportation

- Community-driven
- Equity not Equality
- Access to clean transportation options
- Increase diversity in the clean transportation economy
- Ensure government is representative of underserved communities
Consumers of Color are Critical to CA Goals
The Charge Ahead California Initiative
Senate Bill 1275 (De León, 2014)

Steering Committee:
Coalition for Clean Air (CCA), Communities for a Better Environment (CBE), Environment California, Natural Resources Defense Council (NRDC), The Greenlining Institute

More info: ChargeAhead.org

Goals:
(1) 1 million EVs on CA roads by 2023
(2) Increase EV access to low- and moderate-income consumers:
- Scrap & replace vouchers for new & used EVs (EFMP Plus Up in SoCal & SJV)
- Supplemental rebates purchase or lease of new EV (CVRP)
- Low-income financing assistance programs (Bay Area)
- Electric carsharing projects in disadvantaged communities (LA & Sacramento)
Investor-Owned Utility EV Pilots

Charge Ready Program (SCE) - $22M:
- 1,500 L1 & L2 charging stations - 10% min in Disadvantaged Communities (DAC) (150 stations)
- Study of consumer demand growth in DAC that will inform a significant scale up of deployment in DAC in Phase 2
- Supplier Diversity: support companywide Diversified Business Enterprise (DBE) 40% spending goal

Power Your Drive Program (SDG&E) - $45M:
- 3,500 L1 & L2 charging stations - 10% min in DAC (350 stations)
- Supplier Diversity: support companywide Diversified Business Enterprise (DBE) 40% spending goal
- All contractors shall have hiring goals to support opportunities to increase hiring from Disadvantaged Communities, including first-source hiring and targeted-hiring goals for projects in Disadvantaged Communities

Charge Smart and Save Settlement (PG&E) - $160M:
- 7,500 L2 target (100 DCFC) - 15% min in DAC (1,125 stations) + 5% stretch goal in other low-income areas
- $5M for EV equity programs
Recommendations: Equitable EV Infrastructure Planning and Investment

- Access and Affordability
  - Complement and align with EV incentive efforts (e.g., Charge Ahead California)
  - Prioritize planning and investments in low-income and disadvantaged communities
  - Create a market signal & inducement with minimum deployment of charging infrastructure in low-income and disadvantaged communities, particularly in multi-unit dwellings
  - Provide access to charging that is cheaper and cleaner than gas (per SB 350) (e.g., demand charge exemption)

- Create economic co-benefits
  - Prioritize job training and hiring from low-income and disadvantaged communities
  - Purchase goods and services from diverse businesses (minority-owned, etc)

- Community Engagement
  - Ensure CBO and low-income and disadvantaged community representation throughout process
  - Targeted marketing, outreach, and education, available in key languages

- Try different models and strategies to produce robust, diverse data
For more information on EV Equity check out our new online toolkit:

Electric Vehicles for All: An Equity Toolkit

For real life stories about climate investment benefits visit:

UpliftCA.org

Joel Espino, joele@greenlining.org