<table>
<thead>
<tr>
<th><strong>DOCKETED</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Docket Number:</strong></td>
<td>20-IEPR-02</td>
</tr>
<tr>
<td><strong>Project Title:</strong></td>
<td>Transportation</td>
</tr>
<tr>
<td><strong>TN #:</strong></td>
<td>233623</td>
</tr>
<tr>
<td><strong>Document Title:</strong></td>
<td>Energy Commission Clean Transportation Financing and Investment Proceeding</td>
</tr>
<tr>
<td><strong>Description:</strong></td>
<td>Presentation by Tim Olson, CEC</td>
</tr>
<tr>
<td><strong>Filer:</strong></td>
<td>Raquel Kravitz</td>
</tr>
<tr>
<td><strong>Organization:</strong></td>
<td>California Energy Commission</td>
</tr>
<tr>
<td><strong>Submitter Role:</strong></td>
<td>Commission Staff</td>
</tr>
<tr>
<td><strong>Submission Date:</strong></td>
<td>6/23/2020 4:18:26 PM</td>
</tr>
<tr>
<td><strong>Docketed Date:</strong></td>
<td>6/23/2020</td>
</tr>
</tbody>
</table>
Energy Commission Clean Transportation Financing and Investment Proceeding

June 24, 2020
Attract Private Financing in California Clean Transportation Projects
(Vehicles, Infrastructure, Distribution and Fuel Production)

- Concepts
- Ideas
- New Initiatives
- Program Reconfiguration

Existing Incentive Funds
- GGRF
- CEC
- CPUC
- CATALYST FUND (Proposed)

Deploy California Incentives

Increase Private Investment

Clean Transportation Projects
Financing and Investment Partners

**Interested Clean Transportation Partners**

- Project Developers and Operators
- Fueling and Charging Infrastructure
- Owners and Operators
- Equipment Vendors
- Vehicle and Component Manufacturers
- Fuel Producers
- Fuel and Energy Distributors

**Host Site Owners:**
- Buildings
- Work Places
- Destination Businesses
- Highway/Road Corridor Locations
- Forecourt Fueling Sites/Depots
- Dairy Farms
- Landfill Owner/Operators
- Waste Water Treatment Plants
- Food Processing Plants
- Industries and Ports
- Warehouses
- Electric and Gas Utilities
- Government Buildings and Facilities

**Vehicle and Fleet Owners**

**Interested Investors**

- Equity Investors
- Investment Banks
- Pension Funds
- Asset Management and Hedge Fund Managers
- Commercial Banks
- Venture Capital
Proposed Actions – Reconfigure Existing Government Interventions

• Explore mechanisms to aggregate demand for scale-up of EV charging solutions
• Simplify and align existing programs and re-evaluate incentive compliance requirements
• Align government incentives with private investment commitments
• Publish aggregate pricing
• Integrate EV charging with rooftop solar in leveraged real estate (multi-unit dwellings/Maximize Title 24 attributes
• Increase automaker OEM mandate commitments
• Modify LCFS mechanisms to provide hedges for credits
Proposed Actions – Establish New Initiatives

• Establish long term contracts for ancillary services
• Establish multi-year investment tax credit for fuel production, infrastructure, distribution and vehicles
• Provide lender/investor guarantees
• Require IOU long term avoided cost contracts for EVSE investments
• Provide state loan guarantee for securitized insurance company investments
• Establish price stability mechanism for hydrogen and RNG
• Establish hydrogen fuel blending standard in natural gas supply
Interested Party Participation

- Request One-on-One Meetings/Calls with CEC Staff to Discuss Ideas and Concepts
- Submit Initial Comments in CEC Docket No. 20-FINANCE-01
- Prepare/Review Aggregate Project Data for Circulation to Investors:
  - Cost and Revenue Streams
  - Current Project Status and Technology, Fuel, and Vehicle Performance Data
  - Market Assessment/Dynamics and Growth Trends
  - Successful Business Models
  - Long Term Contracts
- Request Investment Facilitation
- Participate in Workshops and Workgroup Meetings
Related Next Steps

• Conduct Individual CEC Meetings/Calls with Interested Parties (Continuous)
• Summarize Comments in CEC Docket No. 20-FINANCE-01 (July 2020)
• Form Workgroups (3rd Quarter, 2020)
• Conduct Workshop(s) to Seek Comments on Proposed Ideas and Concepts (TBD)
• Propose Financing Mechanisms in Pilot Solicitations (2020)
Energy Commission Contact

Tim Olson
California Energy Commission
1516 Ninth Street
Sacramento, CA 95814
(916) 654-4528
tolson@energy.ca.gov

Financing and Investment Initiative at www.energy.ca.gov

https://www.energy.ca.gov/programs-and-topics/programs/clean-transportation-program