Three complementary funding components:

1. School Bus Replacement: to replace the oldest, dirtiest diesel school buses with battery electric school buses - $75 million (SB 110)

2. Charging Infrastructure - $14 million (Clean Transportation Program)

3. Workforce Training - $1 million (Clean Transportation Program)
Recipient Criteria

• Eligible applicants: school districts, county offices of education, and joint power authorities

• Priority given to the oldest school buses, school buses operating in disadvantaged communities, and to schools with a majority of students eligible for free or reduced-price meals in the prior year

• Any replaced school bus must be scrapped
School Bus Requirements

• Battery Range
  o Type A – 70 Miles
  o Type C and Type D – 100 Miles

• Capacity
  o Type A – 16 Students
  o Type C – 44 Students
  o Type D – 70 Students

• Vehicle-to-Grid Capability (V2G)
Manufacturers Awarded

- **Awardees**
  - The Lion Electric Co.
  - A – Z Bus Sales, Inc.

- **Bulk Purchase Price Solicitation**
  - $6,148 Per Seat

<table>
<thead>
<tr>
<th>Applicant</th>
<th>Type of Bus</th>
<th>Bid</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Lion Electric Co.</td>
<td>Type A without Chair Lift</td>
<td>$269,489</td>
</tr>
<tr>
<td>A-Z Bus Sales, Inc. (Micro Bird)</td>
<td>Type A with Chair Lift</td>
<td>$291,524</td>
</tr>
<tr>
<td>The Lion Electric Co.</td>
<td>Type C without Chair Lift</td>
<td>$319,284</td>
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<tr>
<td>The Lion Electric Co.</td>
<td>Type C with Chair Lift</td>
<td>$327,727</td>
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<tr>
<td>The Lion Electric Co.</td>
<td>Type D without Chair Lift</td>
<td>$330,109</td>
</tr>
<tr>
<td>The Lion Electric Co.</td>
<td>Type D with Chair Lift</td>
<td>$337,470</td>
</tr>
</tbody>
</table>
Completed Deliveries

- Baldwin Park Unified School District
- Colton Joint Unified School District
- Durham Unified School District
- Savanna School District
- Traver Joint Elementary School District
- Twin Rivers Unified School District
Bus Type by Region

**Northern CA**

- Type A w/o Lift: 15
- Type A w/ Lift: 5
- Type C w/o Lift: 10
- Type C w/ Lift: 15
- Type D w/o Lift: 20
- Type D w/ Lift: 25

**Central CA**

- Type A w/o Lift: 30
- Type A w/ Lift: 0
- Type C w/o Lift: 5
- Type C w/ Lift: 10
- Type D w/o Lift: 40
- Type D w/ Lift: 45
Bus Type by Region

Los Angeles

Southern CA
## Bus Delivery Schedule

<table>
<thead>
<tr>
<th>Cumulative Percentage of Delivered Buses</th>
<th>Delivery Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>5%*</td>
<td>12/31/2019</td>
</tr>
<tr>
<td>25%</td>
<td>12/31/2020</td>
</tr>
<tr>
<td>50%</td>
<td>12/31/2021</td>
</tr>
<tr>
<td>100%</td>
<td>9/30/2022</td>
</tr>
</tbody>
</table>

*Delivery Target Met
Workforce Development

• “Electric School Bus Training Project” with community colleges for training of maintenance technicians and bus operators
• Training topics include high voltage safety, troubleshooting, and proper operation of electric buses
• Training schedules and curricula are currently in development
• Long-term bus electrification training through community colleges for certification and degrees
Data Collection/Future Metrics

• Maintenance Costs
  o Diesel Bus Being Replaced
  o Electric Bus

• Fuel Efficiency of Replaced Diesel Vehicle
  o Average Cost of Diesel Fuel

• Electric Bus Efficiency
  o Average Cost of Electricity

• Telematics
  o Route Efficiency Data
  o Future Program Planning
Distribution of Recipients
Based on CalEnviroScreen 3.0

School Bus Recipients

CalEnviroScreen 3.0 Score

- 91 - 100% (Highest Scores)
- 81 - 90%
- 71 - 80%
- 61 - 70%
- 51 - 60%
- 41 - 50%
- 31 - 40%
- 21 - 30%
- 11 - 20%
- 1 - 10% (Lowest Scores)
Distribution of Recipients Based on CalFire Tier 2 and 3 Fire Threat

School Bus Recipient

CalFire Tier 2 Fire Threat

CalFire Tier 3 Fire Threat