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<tr>
<th><strong>Docket Number:</strong></th>
<th>19-AB-2127</th>
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<tr>
<td><strong>Project Title:</strong></td>
<td>Implementation of AB 2127 Electric Vehicle Charging Infrastructure Assessments</td>
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<tr>
<td><strong>TN #:</strong></td>
<td>240671</td>
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<tr>
<td><strong>Document Title:</strong></td>
<td>Lucid Panelist Presentation ISO 15118</td>
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<tr>
<td><strong>Description:</strong></td>
<td>N/A</td>
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<td><strong>Filer:</strong></td>
<td>Spencer Kelley</td>
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<td><strong>Organization:</strong></td>
<td>California Energy Commission</td>
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<td><strong>Submitter Role:</strong></td>
<td>Commission Staff</td>
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<td><strong>Docketed Date:</strong></td>
<td>11/22/2021</td>
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CEC Workshop on ISO15118
EV Technology Company

HQ in Silicon Valley

Factory in Arizona

~2700 Employees

Lucid AIR, a Luxury EV

Up to 520 miles EPA range, up to 1111hp

Battery Size up to 113kWh

AC & DC bi-directional capability

Customer deliveries 10/30/2021
Lucid’s on-board charger (OBC) technology is cutting-edge and multifunctional.

- AC charge/discharge rate: up to 80A/19.2kW
- High power 800V DC charging at >300kW
- Supports ISO11158 & CCS communications
- Compact, light-weight and cost effective
Seamless charging using Plug&Charge

• 3 years of complimentary charging on Electrify America network for Lucid Air ordered in U.S. in 2021.

• Lucid and Electrify America integrating cloud-to-cloud to enable authentication via ISO15118 Plug&Charge on 2,800+ chargers
The Lucid Connected Home Charging Station

- Wall-mounted, hardwired EVSE capable of up to 19.2kW (1-phase, 80A, 240V) in NA
- Hardware-ready for bi-directional charging (V2H, V2G)
- Supports ISO15118 communication
- Launching in early 2022
• Desire to support Plug&Charge functionality leads light-duty EV OEMs to include ISO15118 in their current and upcoming vehicle programs.

• In response, EVSE manufacturers are opting to add ISO15118 PLC to their devices for low marginal hardware costs and thereby enable future smart charging use cases.

• Vehicles, as large, controllable loads need communication path to the residential energy ecosystem – leveraging ISO15118 communication to the EVSE provides for this with a mature, open standard.
Reserve your Lucid Air

Thank you!