## DOCKETED

<table>
<thead>
<tr>
<th>Docket Number</th>
<th>20-IEPR-02</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Title</td>
<td>Transportation</td>
</tr>
<tr>
<td>TN #</td>
<td>233879</td>
</tr>
<tr>
<td>Document Title</td>
<td>Presentation - EV Charging when it really matters RAPIDLY DEPLOYED, IMMUNE TO GRID FAILURES, LOWEST TCO</td>
</tr>
<tr>
<td>Description</td>
<td>S1 2C. Desmond Wheatley, Envision Solar</td>
</tr>
<tr>
<td>Filer</td>
<td>Raquel Kravitz</td>
</tr>
<tr>
<td>Organization</td>
<td>Energy Commission</td>
</tr>
<tr>
<td>Submitter Role</td>
<td>Commission Staff</td>
</tr>
<tr>
<td>Submission Date</td>
<td>7/15/2020 11:19:46 AM</td>
</tr>
<tr>
<td>Docketed Date</td>
<td>7/15/2020</td>
</tr>
</tbody>
</table>
EV Charging when it really matters...

RAPIDLY DEPLOYED, IMMUNE TO GRID FAILURES, LOWEST TCO

DRIVE ON SUNSHINE - THRIVE ON SUNSHINE - SURVIVE ON SUNSHINE
INSTALLING GRID-TIED EV CHARGING REQUIRES...

- Civil engineering
- Construction
- Trenching
- Foundation
- Permitting
- Electrical circuit work
- Project management
- Transformer / switchgear upgrades
- Utility Metering / Monthly Bills
- Utility interconnect agreements
- Peak demand brackets / Rising kWh rates
- Carbon footprint
EV ARC™ 2020
RAPID AND PERMANENT

**No Construction, No Permits, No Utility Bill**

- Fastest and Easiest to Deploy Solution on the Market
- Deploys in minutes, zero-contact delivery
- **Avoided Costs = Lowest Total Cost of Ownership**
- Transportable
- Off-Grid Emergency Power
- Highly Visible Sustainability Initiative
- Drive on sunshine
EV ARC™ 2020
FITS IN STANDARD PARKING SPACE

- Maintain full parking capacity
- Cars park on the ballast pad
- ADA compliant
EV ARC™ 2020
TRANSPORTABILITY = FLEXIBILITY

Drop and Charge. Can be moved any time.
• Permanent AND Transportable
• Scalable
• Ideal for leased properties
• Can be moved short distances with forklift
• Can be moved longer distances with ARC™ Mobility Trailer or Truck
EV ARC™ 2020
OFF-GRID EMERGENCY POWER

Energy when and where you need...

• Power in blackouts, utility outages, weather events
• Relocate to high risk locations, hospitals, shelters...
• Wind rated up to 120mph
• Flood-proof up to 9.5 feet
• Working asset during prosperity and emergencies
EMERGENCY PREPAREDNESS
COVID 19 EMERGENCY CENTERS

Click here to see the news report

* Envision Solar EV ARC™ solar-powered charging stations are included in the FEMA Authorized Equipment List, under designation 10BC-00-SOLR Chargers.
EMERGENCY PREPAREDNESS
WORKHORSE FOR FIRST RESPONDERS

Working asset during prosperity and emergencies

• Generators sit idle in storage most of the time
• Renewable power: No refueling
• Clean power: No toxic fumes or emissions
• Quiet power: No disruption for medical and shelter teams
• Safe power: No flammable fuel to transport, thick cables to run
• Included in FEMA's Authorized Equipment List (AEL)*

* Envision Solar EV ARC™ solar-powered charging stations are included in the FEMA Authorized Equipment List, under designation 10BC-00-SOLR Chargers.
EV ARC™ 2020 – REAL TIME DATA & REPORTING

Optional Reporting
A networked charger expands available data to include:
- Duration of charge
- Time of charge
- Kilowatt hours (kWh) delivered

Standard Reporting
Wireless connectivity transmits real time data for reporting on:
- State of batteries
- State of PV charging
- Rate of energy delivery