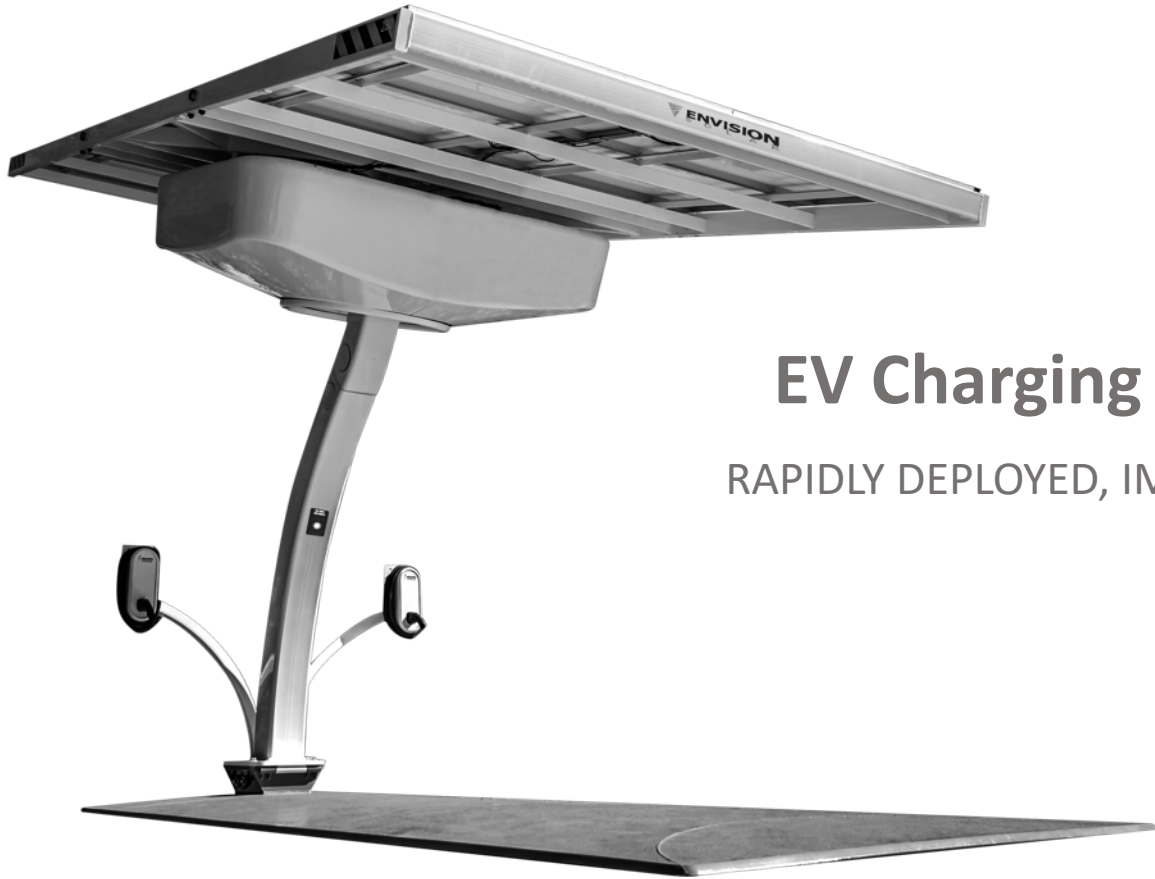


<b>DOCKETED</b>	
<b>Docket Number:</b>	20-IEPR-02
<b>Project Title:</b>	Transportation
<b>TN #:</b>	233879
<b>Document Title:</b>	Presentation - EV Charging when it really mattersRAPIDLY DEPLOYED, IMMUNE TO GRID FAILURES, LOWEST TCO
<b>Description:</b>	S1 2C. Desmond Wheatley, Envision Solar
<b>Filer: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



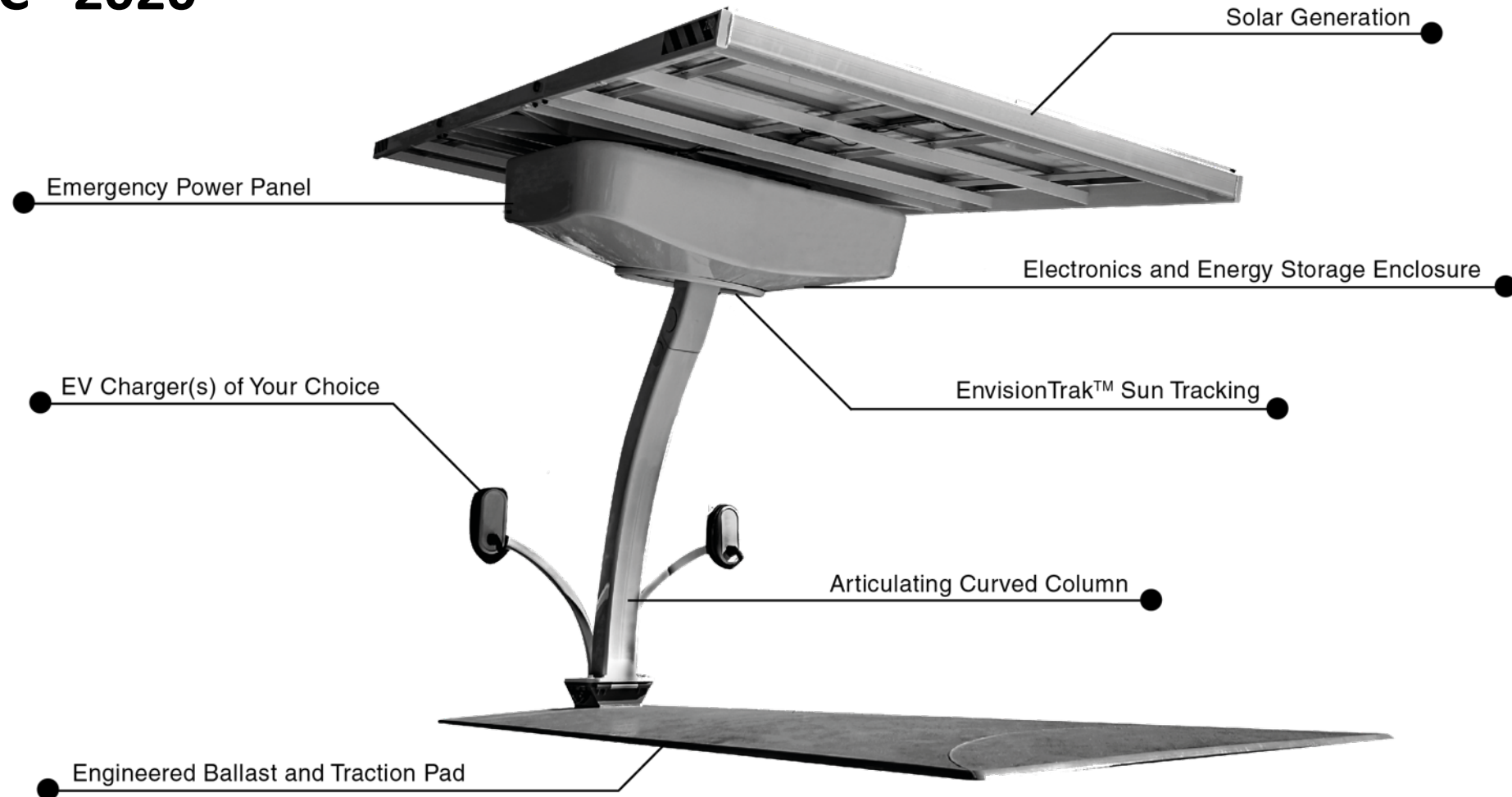
## EV Charging when it really matters...

RAPIDLY DEPLOYED, IMMUNE TO GRID FAILURES, LOWEST TCO



DRIVE ON SUNSHINE - THRIVE ON SUNSHINE - SURVIVE ON SUNSHINE

# EV ARC™ 2020



# 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...

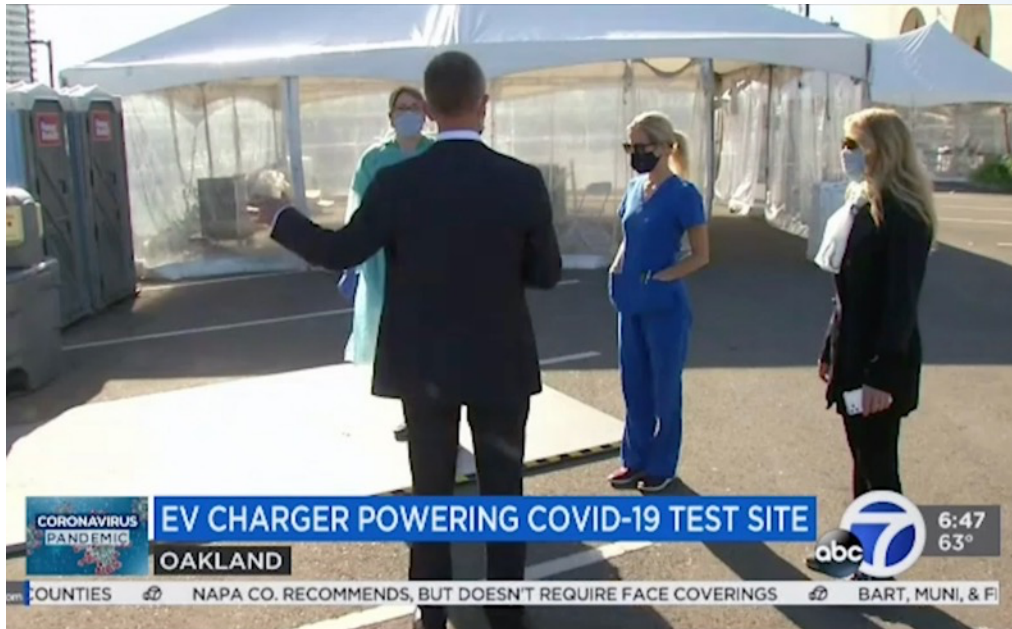
- Power in blackouts, utility outages, weather events
- Relocate to high risk locations, hospitals, shelters...
- Wind rated up to 120mph
- Flood-proof up to 9.5 feet
- Working asset during prosperity and emergencies





# 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

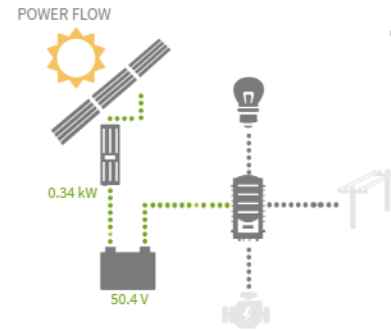
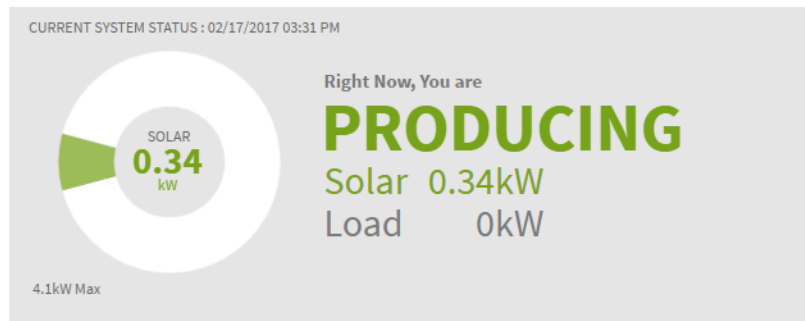
## Working asset during prosperity and emergencies

- 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.*



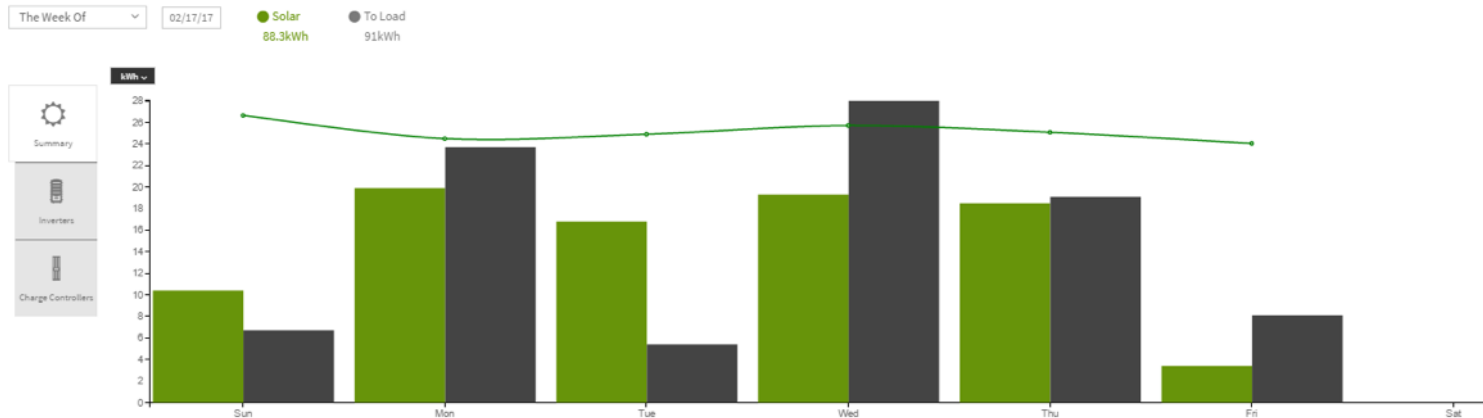
# EV ARC™ 2020 – REAL TIME DATA & REPORTING



## Standard Reporting

Wireless connectivity transmits real time data for reporting on:

- State of batteries
- State of PV charging
- Rate of energy delivery



## Optional Reporting

A networked charger expands available data to include:

- Duration of charge
- Time of charge
- Kilowatt hours (kWh) delivered