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## FreeWire Technologies

**Charging Infrastructure Simplified** 

## **Company Growth and Product Development**



## Fast Charging Made Simple



### How do Site Hosts Make Money from EV Charging?



- Funding: Raised \$25M Series B in February
- Essential Business: Critical operations maintained under State/County Orders
- Supply Chain: Assess supplier impacts and ensure adequate material inventory

#### Sales

- EV Market Growth: Projections revised downwards; customers reticent to make capital investments
- EV Infrastructure: Funding opportunities help mitigate the current dynamic. Stimulus funds should be directed to EVSE deployment to the maximum extent practicable
- State Incentives: FreeWire Mobi sales have exceeded our 2020 projections; eligibility under CARB's California Clean Off-Road Equipment (CORE) Program has helped
- Uncertainty: public and private funding, commercial interest and deployment timelines are jeopardized by the indeterminate nature of this pandemic

#### FREEWIRE

### Scaling Up: Demonstrate the Business Case and Simplify the Process

#### Integrating DCFC with energy storage can redefine the business case

- Similar to solar + storage, DCFC + storage integrations like FreeWire's Boost Charger can bolster the value proposition for fast charging by:
  - 1. Reducing the costs and timeframes of installation
  - 2. Buffering demand charges
  - 3. Expanding the universe of sites where DCFC can be practicably located



# **Proposal:** Implement state-funded financing pilots wherein loans for innovative DCFC deployments are paid down through charging revenue

- Utilization Risk: Uncertainty about if and when high utilization of DCFC will occur
- The Lender takes on the associated utilization risk, agreeing to repayments based on the asset's revenue
- Requires more significant upfront investment by the State, offset, at least in part, by cost recovery as utilization increases
- Successful demonstration would spur private sector investment, creating a new model for private financing

#### **Proposal:** Create a one-stop-shop for EVSE incentives and state financing opportunities

- A plethora of incentives are available in CA to support EVSE projects, including CALEVIP, Various Air District programs, utility incentives, and local funding initiatives
  - This creates a HUGE administrative burden for private sector participation
  - Siloing utility make ready programs from equipment incentives results in a failure to truly consider total project costs
- The Governor and Legislature should direct agencies overseeing these programs to create a single access point and common application for accessing these funds, including financing programs like CCAP

# Thank you!

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