



**150kW DC Charging**

EV Roadmap - July 20, 2016



# EVgo - Building Range Confidence



- **Reliable**
- **Available**
- **Fast**

Every market is **strategically covered** with EVgo Freedom Stations giving drivers the **confidence to go farther.**

# Why 150kW and Higher?

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- No compromise in owning an EV
- Enables inter-city travel
- Expands potential market for EVs
  - Move beyond EV's being a secondary vehicle
  - Viable option for multi family, condos, renters, and those with no availability of “over-night” charging .
- Provides a safety net for drivers



High-Power charging in both the inter and intra city is **critical** to mass EV adoption.

# Challenges Ahead

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- **Technical development**
  - Standards
  - Cable, connector and cooling
  - High voltage (+500v) development
- **Station design**
  - Footprint requirements
  - Vehicle charging port location
- **Sustainable infrastructure in early days with low EV market penetration**
- **Utility demand charges**

# EVgo Is Investing

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- Working with charging manufactures such as **ABB** on next generation High Power DC fast chargers
- Developing future station designs to accommodate all vehicle configurations
- Active participation in industry groups: CharIN e. V. and CHAdeMO
- Collaborating with different Automakers



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**Thank You**