# Unleash the Power







## Public DC Quick Charging – Real World Use Profile

Larry Butkovich, GM of EV Systems, Fuji Electric Corp. of America

lbutkovich@fecoa.fujielectric.com



JUNE 10-12 WASHINGTON MARRIOTT WARDMAN PARK WASHINGTON, DO

#### **Fuji Electric Overview**

Fuji Electric 25kW DC Quick Charger for EVs (208V 3Phase Input) First DC Quick Charger on ChargePoint Network

Location: San Juan Capistrano, CA

**Energy Dispensed**: Over 3MWh since 11/2012

Average Charge Time: 30 min

**Average Output**: 16kW

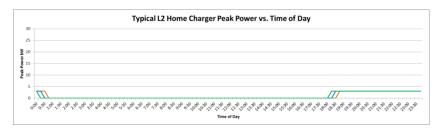


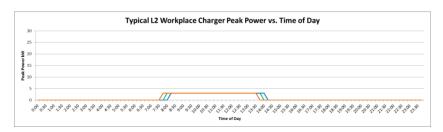


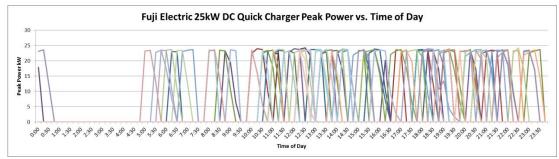


JUNE 10-12 WASHINGTON MARRIOTT WARDMAN PARK WASHINGTON, DO

### **DC Quick Charger Metrics**







	DC Quick Charger	Level II AC
<b>Charge Duration</b>	0.5 to 1 hour	4 to 8 hours
Charge Time	Waking Hours	Morning & Evening
Location	Pathway Retail Hospitality	Home Work

#### **NOTES:**

- One single DC Quick Charger charger supports many charge events in one day
- Short charge duration ensures minimal usage conflicts



2013 CONFERENCE & ANNUAL MEETING

UNE 10-12
Unleash The Power

WASHINGTON MARRIOTT WARDMAN PARK WASHINGTON, DC