



TESLA VEHICLES AND CHARGING NETWORKS
EUCI – 2019 ELECTRIC VEHICLE-UTILITY INDUSTRY NEXUS
June 28, 2019

O U R M I S S I O N

Accelerate the world's transition to sustainable energy

A S U S T A I N A B L E F U T U R E



Generation



Storage



Transport

THE TESLA FAMILY



Made in America
5 Star Safety Ratings
Up to 370 Miles Per Charge
Industry Leading Performance

T H E T E S L A F A M I L Y - P A R T T W O



T E S L A C H A R G I N G



Supercharging



Destination Charging



Where You Park

TESLA CHARGING EQUIPMENT

V3 Supercharger
(250 kW)



V2 Supercharger
(150 kW)



Supercharger
(72kW)



Wall Connector
(Level 2)



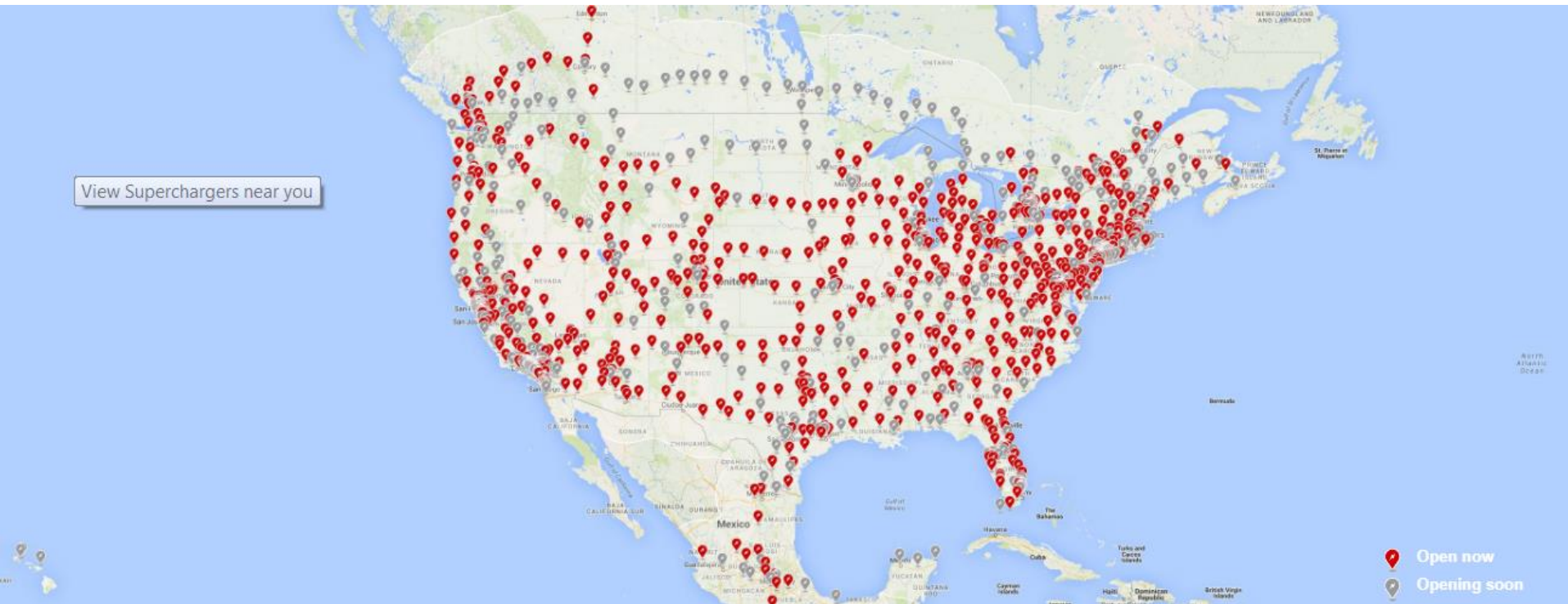
Approx. Scale Comparison



Max Output Power	250 kW	150 kW	72 kW	7-17 kW
Typical Charge Time	20 minutes	40 minutes	50 minutes	4-8 hours
Target Use Case	Long Distance	Long Distance	Urban Fast Charging	Destination Charging (Public + Work + Home)

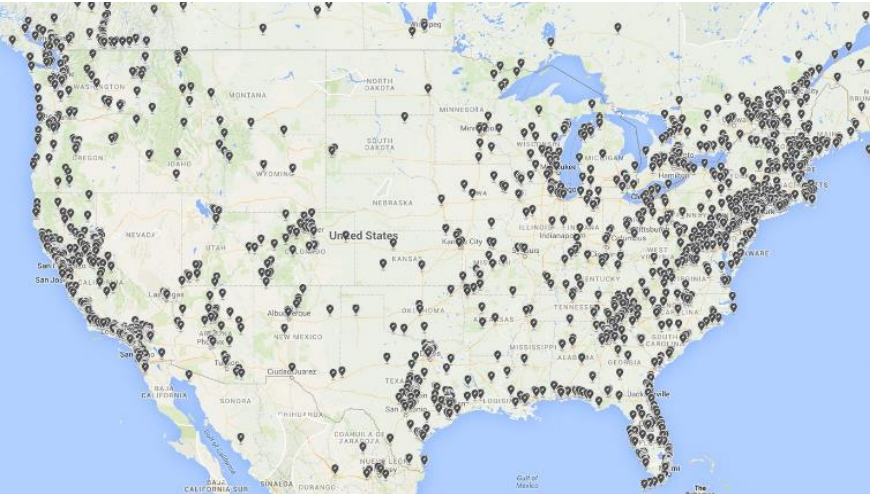
SUPERCHARGING

View Superchargers near you



1,533 Supercharger Stations with 13,344 Superchargers Globally

DESTINATION CHARGING



Charge for a few hours or overnight when you arrive at Destination locations – at hotels, restaurants and shopping centers.

C H A R G E W H E R E Y O U P A R K



At Home

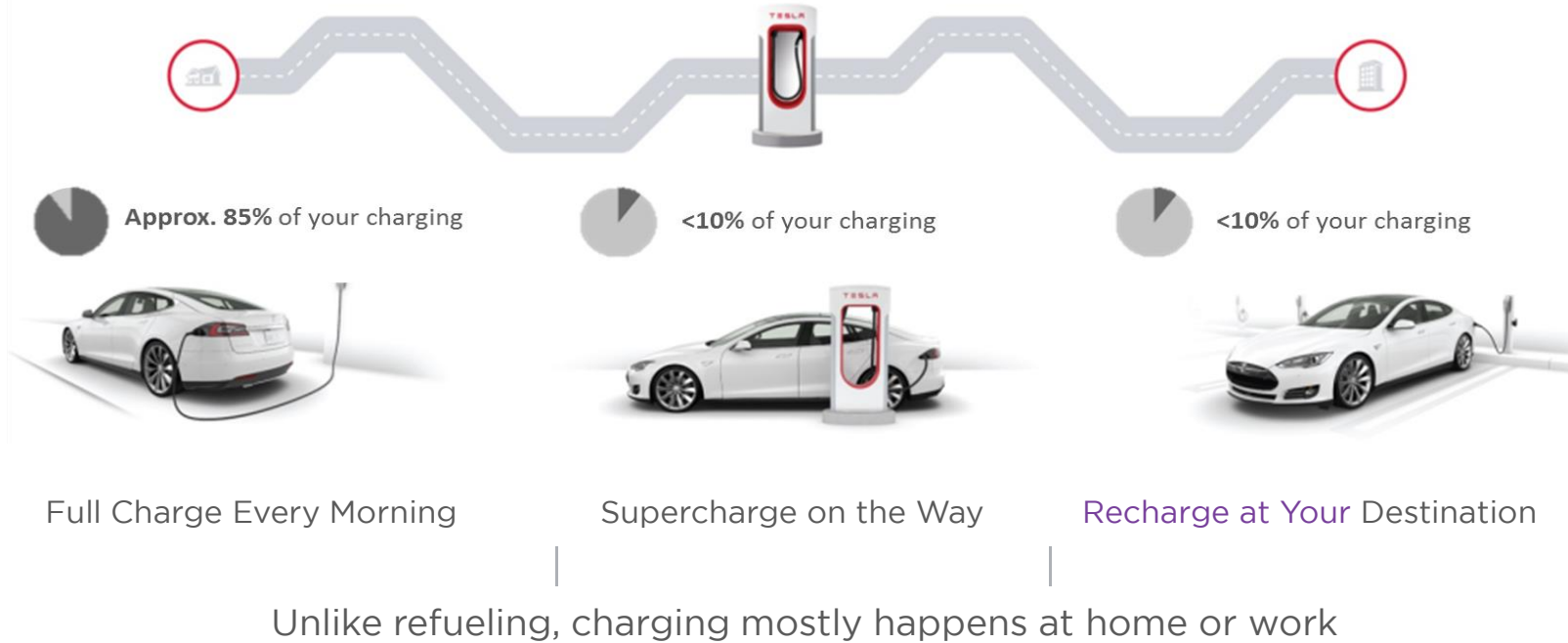


At Work



Around Town

TYPICAL CHARGING





APPENDIX

SUPERCHARGING



Navigate

Enter a destination on your touchscreen and Trip Planner will automatically route you through convenient Superchargers along the way.



Recharge

Plug in for about 30 minutes and grab a cup of coffee or a quick bite to eat while you charge.



Journey

Get notified from your Tesla app when your vehicle is ready to go.

CUSTOMER EXPERIENCE



V3: FASTER CHARGING, NO MORE POWER SHARING

Peak rates of
250 kW+ per car




No more power sharing between
stalls

75 miles of charge
in 5 minutes

Reduces time spent charging by
25%

ON-ROUTE BATTERY WARMUP

A white Tesla Model S is parked at a Supercharger station. The car is positioned in the center of the frame, facing right. A charging cable is plugged into the front of the car. The background shows a Supercharger station with another charging station visible in the distance. The scene is set in a parking lot with a clear sky and some trees in the background.

Now on-route to a Supercharger station, Tesla vehicles will intelligently heat the battery to ensure optimal charging temperature upon arrival, reducing average charge times by an additional 25%.

CHARGE IN HALF THE TIME

