

Electric Vehicle Charging Roundtable

Florida Public Service Commission

October 17, 2017





TESLA'S MISSION

To accelerate the world's transition to sustainable energy.

TESLA PRODUCTS



Vehicles

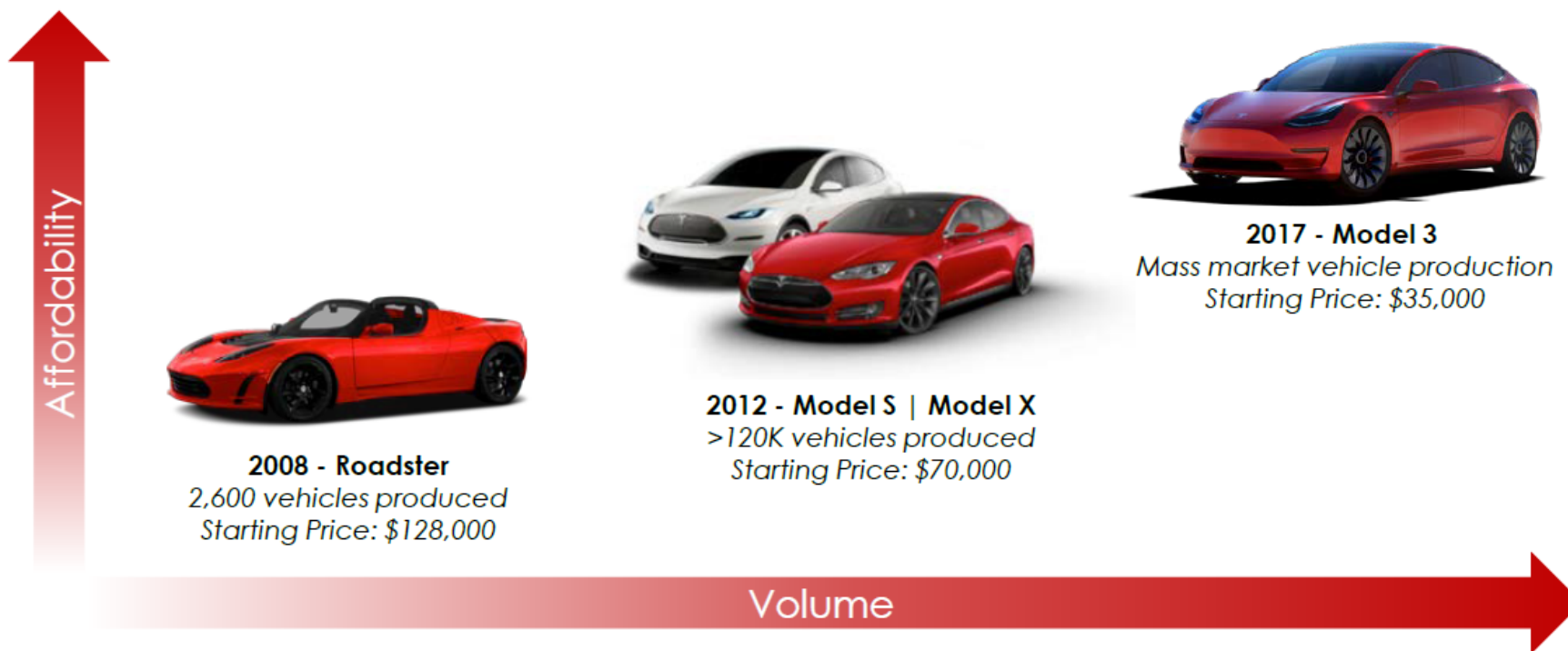


Storage



Solar

SECRET MASTER PLAN





Model S

- Up to 335 miles of range
- 0-60 mph in as little as 2.5 seconds
- All-wheel drive
- 75 kWh and 100 kWh battery options
- Autopilot equipped
- Seats up to 7
- Highest safety rating in America



Model X



- Up to 295 miles of range
- 0-60 mph in as little as 2.9 seconds
- All-wheel drive
- 75 kWh and 100 kWh battery options
- Autopilot equipped
- Seats up to 7
- Safest SUV ever tested



Model 3

- Started production ramp in July
- 0-60 mph in as little as 5.1 seconds
- 220 – 310 miles of range
- Autopilot equipped
- Starts at \$35,000





TESLA CHARGING



Supercharger

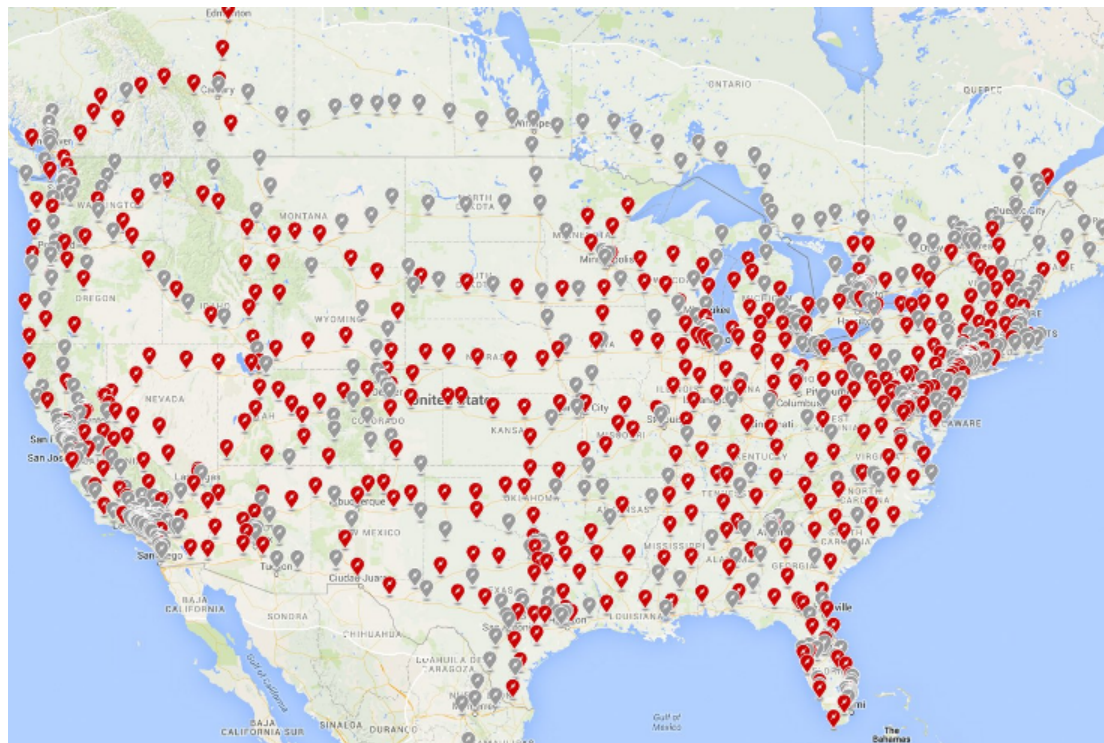
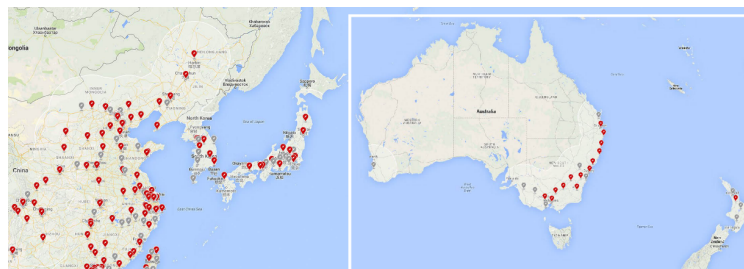
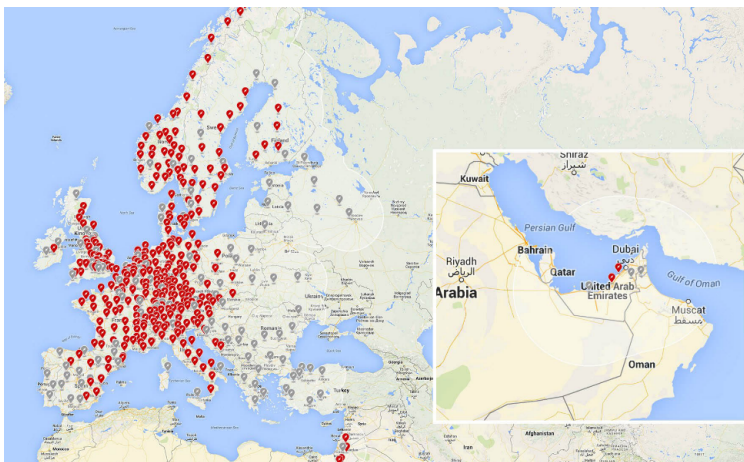


Destination Charging



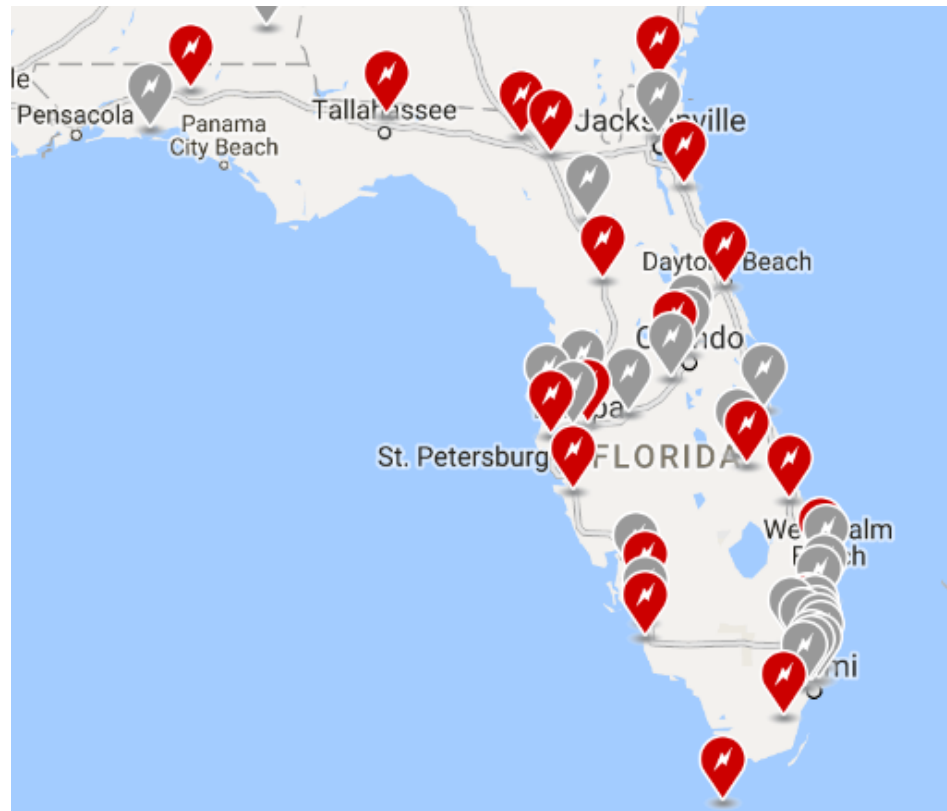
Home Charging

Supercharging



10,000 Superchargers by the end of 2017

Supercharging in Florida



Supercharging



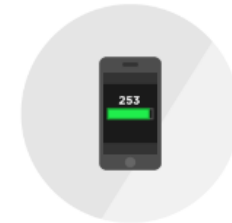
Navigate

Enter your final destination and Trip Planner automatically routes you through convenient Superchargers along the way.



Plug In

Plug in for about 30 minutes and grab a cup of coffee or a quick bite to eat while your vehicle charges.



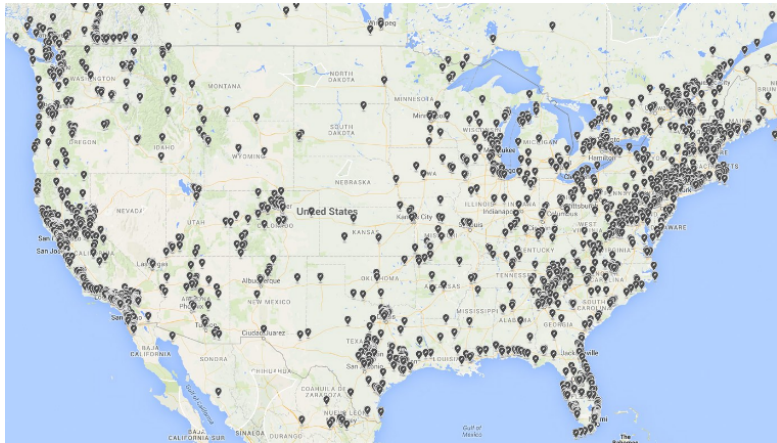
Journey On

Your Tesla app will notify you when your vehicle is done charging.



Destination Charging

Convenient charging at hotels, restaurants and shopping centers.



15,000 Destination Chargers by the end of 2017

Home Charging



Wall Connector circuit breaker options	Mobile Connector outlet adapters	Max power (kW) at 240 volts	Estimated recharging speed, miles per hour Model X / Model S
100 amps	N/A	19.2 kW *	45 / 52**
90 amps	N/A	17.3 kW *	45 / 52
80 amps	N/A	15.4 kW *	40 / 46
70 amps	N/A	13.4 kW *	35 / 40
60 amps	N/A	11.5 kW	30 / 34
50 amps	NEMA 14-50	9.6 kW	25 / 29
45 amps	N/A	8.6 kW	23 / 26
40 amps	N/A	7.7 kW	20 / 23
35 amps	N/A	6.7 kW	17 / 20
30 amps	NEMA 14-30	5.7 kW	14 / 17
25 amps	N/A	4.8 kW	11 / 14
20 amps	N/A	3.8 kW	8 / 11
15 amps	N/A	2.8 kW	5 / 7

Multi-Unit Dwelling (Home/Workplace) Charging



- 80%+ of charging done at home/work
- Parking Lot Electrical Capacity and Connectivity upgrades
- EV 'make ready' infrastructure

