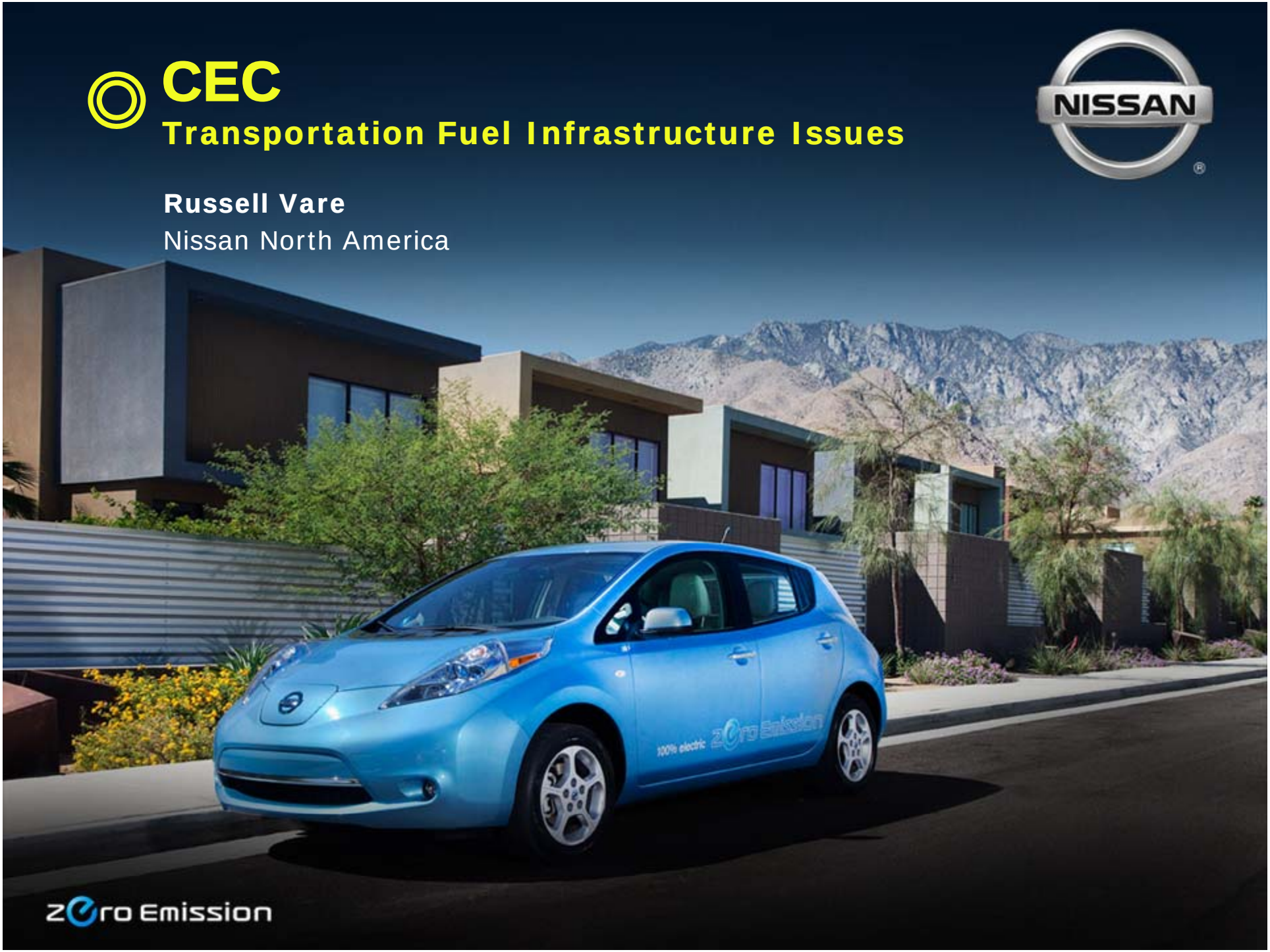
CEC
Transportation Fuel Infrastructure Issues

Russell Vare
Nissan North America



Nissan LEAF – Product Highlights

- Zero emission
- Affordable
- Stimulating acceleration
- Quietness
- 100-mile range sufficient for daily use
- Advanced intelligent transportation (IT) system

Size	5-door compact hatchback
Capacity	5 Adults
Range	100 miles (US LA4)
Top Speed	90 mph
Battery	Laminated Li-ion
Capacity / Power	24 kWh / over 90kW
Motor	High-response synchronous AC Motor (80kW / 280Nm)
IT System	Integrated communication system
MSRP	$32,780 ($25,280 w / tax credit) or $349 / month lease

zero Emission

2011 Nissan LEAF Reservations

Handrasiers
- 350,000+ Nissan LEAF website registrations

Reservations
- 20,000 reservations ($99.00)

Orders and Deliveries
- 7 states in current launch market
- 1,000+ Deliveries as of April 2011

zero Emission

Early Nissan LEAF driver behavior

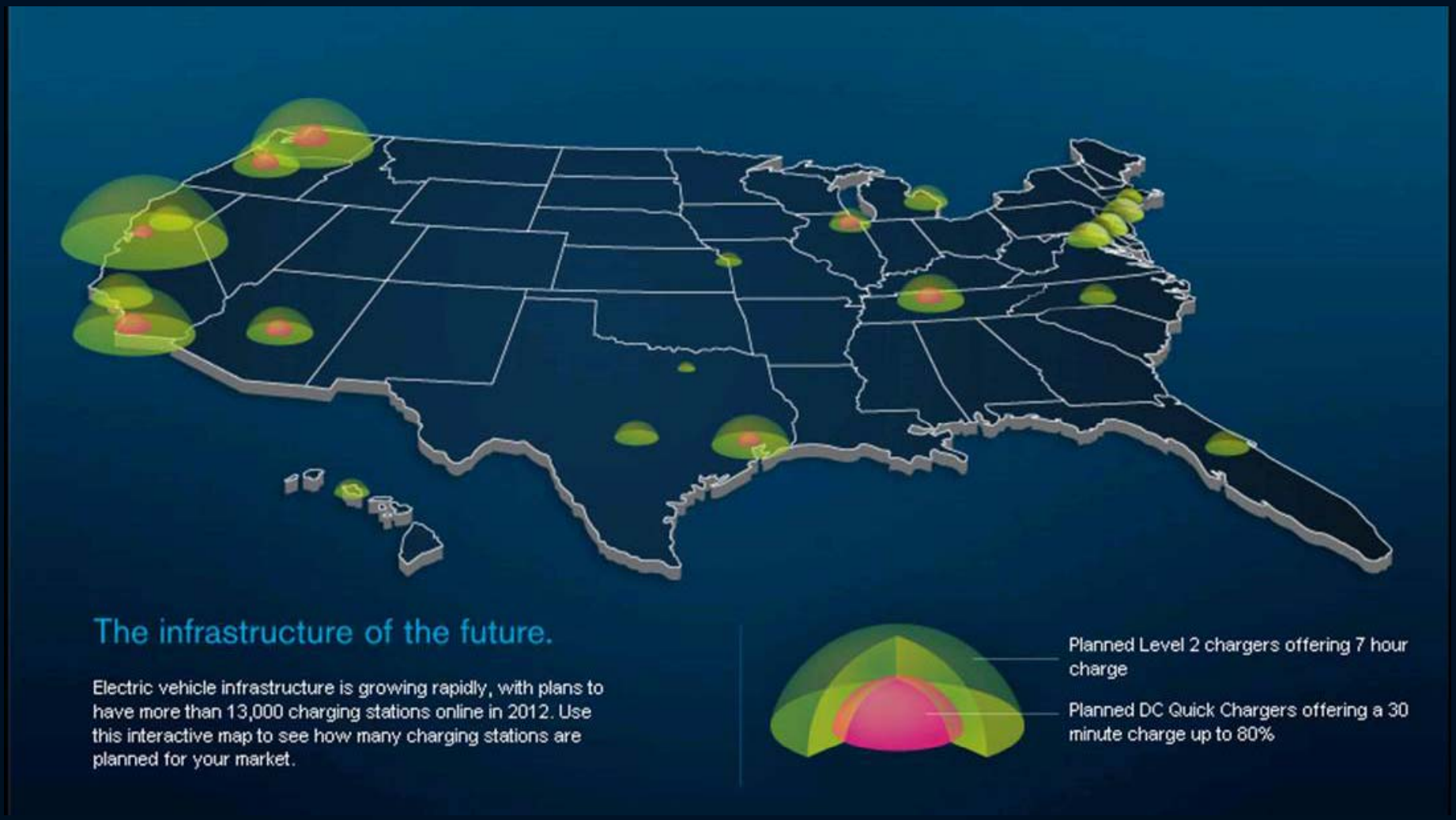
Telematics data reports:

- Average trip length 7 miles
- Most charge on a Level 2, 220-volt charger at their homes
- Average charging time is 2 hours and 11 minutes

- At home, at night

Source: Carlos Tavares NY Auto Show speech, April 20, 2011.

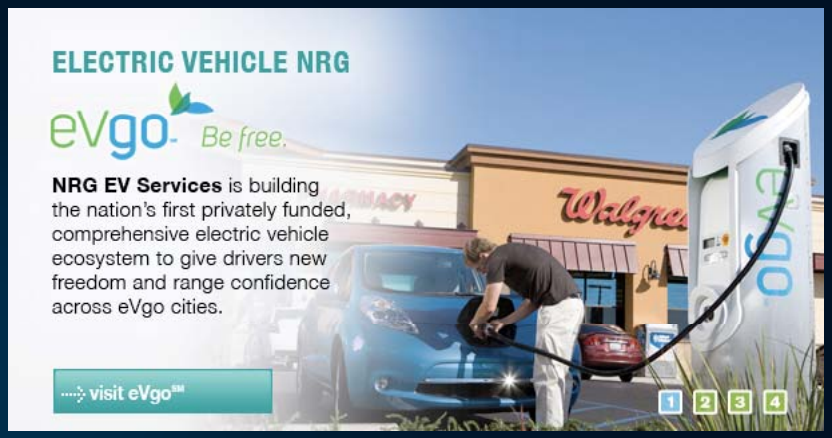
Expected Public Charging by 2012



Public and Workplace Charging

Although a small percentage of expected charging will be public, it is a very important percentage.

- customer-centric public charging models



Multi-family dwellings, garage-free homes can be assisted by:

- convenient public charging
- well-designed workplace charging policy
- pre-wire homes and parking garages

Nissan LEAF

the new car

Thank you for your attention

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