

# ELECTRIC HIGHWAY UPDATE

## SOMETHING FOR EVERYONE: UNIVERSAL STATIONS

By Colleen Crowninshield

Electric vehicle owners can now turn their range anxiety into range confidence, with the unveiling of the first universal charging sta-

tion route from Phoenix to Tucson, as part of a planned roll-out through America.

GOe3, a Scottsdale-based company connecting America through coast-to-coast EV quick charging stations, unveiled the first such station that will accommo-

date all makes of electric vehicles, including Tesla, Nissan Leaf and Chevrolet Volt. This universal route is the first in the US.

The universal stations are combination units incorporating both Level 2 and Level 3 quick charging with both CHAdeMO and SAE standards.

GOe3 CEO Bruce Brimacombe, speaking at a kickoff event at the Arizona State Capitol in Phoenix, underscored the importance of electric vehicles and the positive environmental impact EVs are making as they gain in popularity.

A fleet of some 30 charged electric

*If you are planning a drive down I-10 in an electric vehicle, you are in luck. Arizona Clean Cities and GOe3 have been officially recognized for helping to ease range anxiety with the first EV Highway in America that connects two major cities with Fast Charging capabilities for electric vehicles.*



vehicles then headed south on Interstate 10 to Tucson, stopping at charging stations along the way. Participating stations in the initial route include: a Chevron Station in Casa Grande; Picacho Peak Plaza at Picacho Peak; and AM/PM Tucson.

"These universal chargers are the first in a nationwide network that we have planned," Brimacombe said. "Universal chargers from the Pacific to the Atlantic are good for the nation's economy."

As the number of electric vehicles and EV vehicle makers in the US increases, a new phrase had entered the EV owner's lexicon: range anxiety. The expression identifies the fears of those considering purchasing an EV that the growing but limited infrastructure of charging stations could leave them abandoned on the side of the road. Also, due to the number of charging stations that only accommodate particular makes of electric vehicles, certain destinations might not be reachable with an electric vehicle.

GOe3's mission is to connect America by demonstrating the viability of electric vehicles. Its proprietary EV Fast Charge Station design is providing the technology needed to build coast-to-coast infrastructure to support electric vehicles, considered by many to be the future of automobile travel. ■



(Facing page) A BMW i3 charges at the new GOe3 Universal Charging Station at Picacho Peak, about halfway between Phoenix and Tucson.

(This page) Colleen Crowninshield, Clean Cities Manager at Pima Association of Governments in Tucson; Bruce Brimacombe, founder and CEO of GOe3; and Bill Schaeffer, Valley of the Sun Clean Cities Coalition executive director. • A GOe3 Level 2 Universal Charging Station in Tucson. • Upfitted to all electric (with more gear in the rear), this Porsche 914 raises awareness of Universal Fast Charging, both Level 2 and Fast Charge. • Dave Gebhart of TEVA2 uses the GOe3 Level 2 and Universal Fast system to charge a Nissan Leaf, while Arizona State Representative Ken Clark looks on, at the AM/PM at Speedway and I-10 in Tucson. • A Tesla Model S on display at the Tucson Convention Center for the TEDX Tucson "It's Electric" event.

