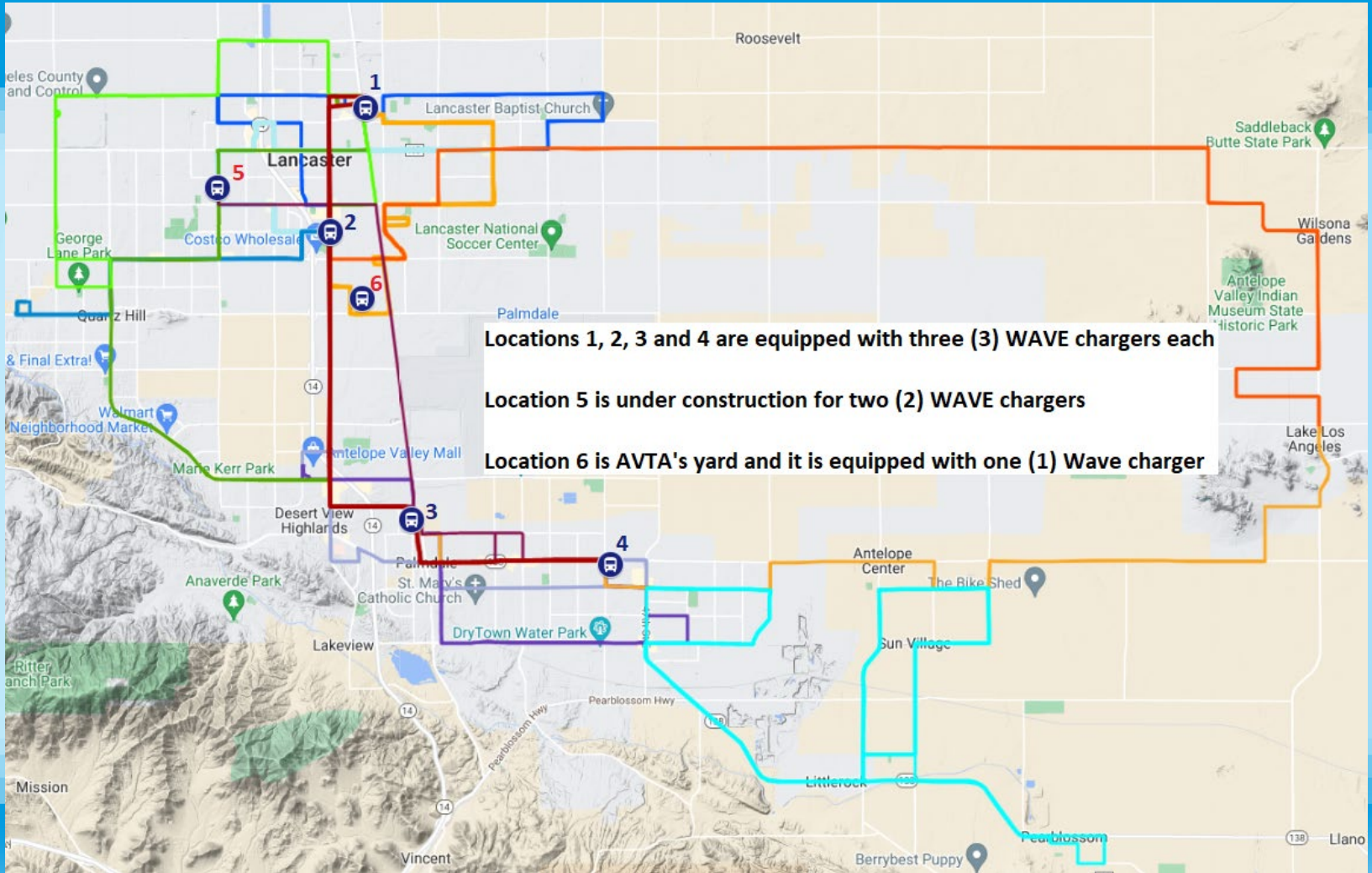


CERV Conference

AVTA'S IMPLEMENTATION OF WIRELESS CHARGING
February 6th, 2023



As of January 2022, AVTA is the first all-electric transit agency in North America



WIRELESS IMPLEMENTATION



- Not a 1 to 1 conversion at the beginning (Diesel to BEB)
- Process to recharge is seamless to bus operators
- Recharge happens during layover time minimizing impact to passengers
- 10 minutes on charger extend the range about 10-13 miles





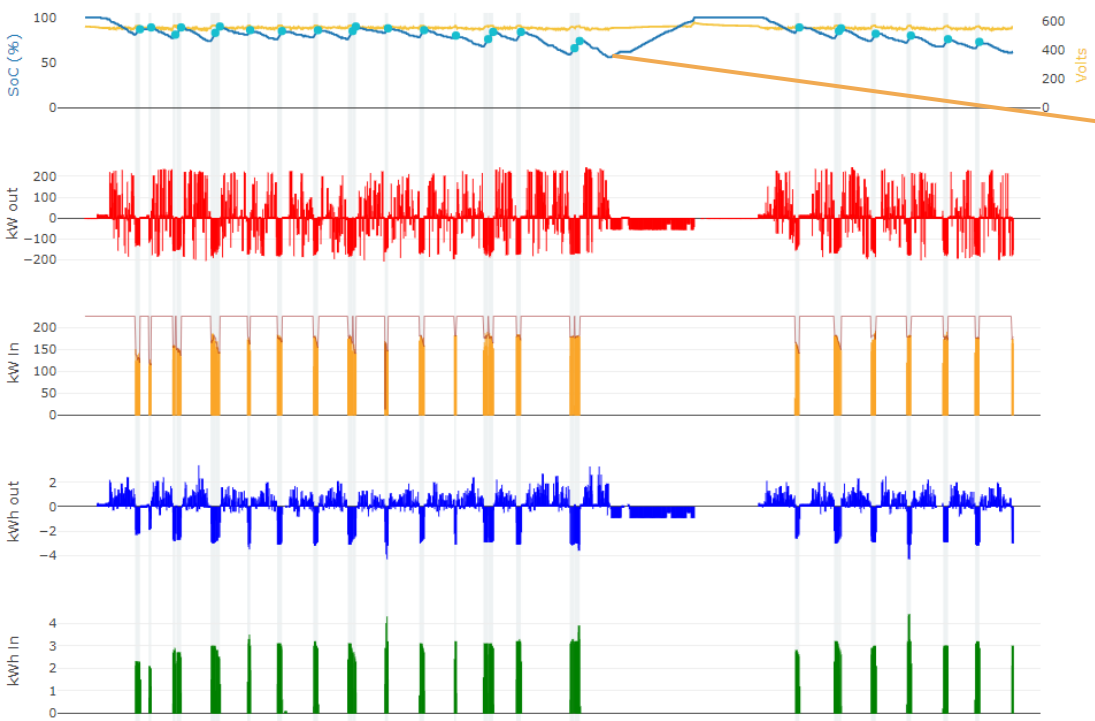
Bus 40866

Vehicle: AVTA-40866 Status: Active SoC: 62.0%

Start Date* 02/02/2023 End Date (Inclusive)* 02/03/2023 Submit

More days = slower loading. Maximum 7 days starting with and including Start Date.

SoC, kW wireless charge, kW battery, kW limit, kWh in, kWh out, Volts, kWh Used, Wireless kWh, Charges



Current SOC: 62%

56% SOC when bus returned to depot at 11:08 pm (Reached 100% at 2:11 am)

Hide Charge Data

Successful (>1 min): 26

Duration (mm:ss)	Paired Device	Graph link
09:07	AVTA-ML-3	Zoom Focus
10:23	AVTA-PTC-1	Zoom Focus
09:35	AVTA-ML-3	Zoom Focus
10:23	AVTA-PTC-1	Zoom Focus
04:28	AVTA-ML-3	Zoom Focus
10:23	AVTA-ML-3	Zoom Focus
09:10	AVTA-PTC-1	Zoom Focus
10:23	AVTA-ML-2	Zoom Focus
10:23	AVTA-ML-2	Zoom Focus
10:24	AVTA-ML-2	Zoom Focus
10:10	AVTA-PTC-2	Zoom Focus
10:10	AVTA-PTC-2	Zoom Focus
03:40	AVTA-ML-3	Zoom Focus
10:23	AVTA-PTC-1	Zoom Focus

Show Events Data



LESSONS LEARNED AND WHAT'S NEXT?

