**Robinson Recharge Mobility Hub Fact Sheet**

**Overview**

OUC’s Robinson Recharge Mobility Hub is the largest Electric Vehicles (EVs) charging facility of its kind in Florida. Eased into operation with a soft launch on July 5, the site officially opened on July 25. Located on Robinson Street near North Garland Avenue, between I-4 and the SunRail train tracks in downtown Orlando, the hub includes six 240-kilowatt (kW) and 15 120kW Level 3-rated chargers capable of recharging all makes of EVs. Using either type of charger, it takes about 20 minutes to charge an EV battery for at least 100 miles of range.

The site features 21 CCS-1 adapters, 1 CHAdeMO adapter, and 10 Tesla (NACS) adapters. All units have CCS-1 hoses, one has a CHAdeMO hose, and there are 10 CCS-1 to NACS individual converters for use.

**Project Timeline**

Construction began on the project in November 2022. The hub was originally scheduled to open in 2022 but ran into construction delays due to supply chain disruptions and design changes to charging dispensers. Construction was completed in June 2023 with a soft opening on July 5.

**Project Funding and Partnerships**

The $2.9 million project was partly funded by a $500,000 grant that partners OUC, Power Electronics, the City of Orlando and Orange County secured from the Florida Department of Environmental Protection (DEP). OUC covered most of the remaining costs of the project and donated property for the hub. CHA Engineering oversaw site engineering while Aireko Construction built the facility. Power Electronics, an OUC partner on the project, built and supplied the charging dispensers.

**Forward Thinking Statements**

* There are 210,143 EVs registered in Florida as of Jul ’23, up 42% over Jul ’22 registrations.
* In Orange and Osceola Counties there are 23,329 EV vehicles registered, 11% of Florida’s total registrations.
* There are 243 level 3 public chargers in Osceola and Orange County – 75% of those chargers are Tesla NACS chargers.
* Orange is one of the top 4 counties for EV adoption approaching 2% of registered vehicles.
* In 2022, DEP awarded the OUC-led partnership up to an additional $266,800 grant to build a high-speed charging hub at the Orange County Convention Center South Concourse parking lot. Construction is anticipated to begin this fall. The site will initially offer six 240kW Level 3-rated charging dispensers, but could add as many as 12 Level 3 chargers in the future.
* OUC plans to build six more charging hubs by 2030.
* High-speed charging hubs are projected to bring in $1.38 million in annualized energy sales to OUC by 2025.