



# SUSTAINABILITY PROJECTS



**GTrans is investing in new facilities and buses to reduce its carbon emissions and help improve the environment for our community.**

## **PURCHASING ZERO AND NEAR ZERO-EMISSION VEHICLES**

The Gardena City Council approved the purchase of 7 Gillig, all-electric, zero-emission buses, and the purchase of 21 El Dorado CNG buses expected to arrive beginning 2023. Additionally, in October 2022, a \$2.21 million award was granted to GTrans under the President's Bipartisan Infrastructure Law for its Zero-Emission Bus Replacement Project, which will help replace a portion of GTrans' old electric buses.

## **COMPRESSED NATURAL GAS (CNG) STATION WITH RENEWABLE NATURAL GAS**

Construction of GTrans' new CNG Station is anticipated to begin in 2023. In preparation, SoCal Gas extended a gas line into the GTrans facility, and GTrans ordered CNG fuel compressors and storage tanks. Additionally, modifications were made to the Maintenance Shop including the installation of sensors and alarms to monitor the presence of CNG in the facility and to ensure the safety of staff. The upgrades included modifications to the heating system to ensure proper ventilation and to clear CNG gases in the event of a leakage.

## **ELECTRIC CHARGING INFRASTRUCTURE**

Currently, GTrans has electric bus chargers installed in its bus bay. With the help of software prepared by MOEV's Dr. Rajit Gadh and his team, GTrans has managed the charging of the electric buses. The purchase of additional electric buses has increased the need for more charging space. GTrans is working with SoCal Edison's ChargeReady Program to prepare the new station.

## **INSTALLING SOLAR BATTERY STORAGE FOR OUR FACILITY**

GTrans has began preliminary planning and discussions with SoCal Edison under its ChargeReady Program to install solar battery storage for its facility. GTrans is hiring a team to assist with gathering specifications for the project.

## **SOLAR PANELS**

GTrans installed solar panels in its yard in 2008. The solar panels are currently being used to offset some of GTrans' facility electric costs.

**For more information, please contact Liliana Martinez at [LMartinez@gardenabus.com](mailto:LMartinez@gardenabus.com) or 310-965-8888.**

