

electreon
Charging the way forward



Tel Aviv Commercial Deal, Israel



Period:

2021 - 2026

Transport Operator:

Dan Bus Company



OEM Partners:



Additional OEM partners expected

Project Sponsor:

Tel Aviv-Yafo Municipality



Additional Partners:

Netivot Municipality, Ayalon Highways, Ministry of Transport & Road Safety, Ministry of Finance, Israel Electric Corporation (IEC), Pandan, Shlomo Motors

Size:

Static wireless charging at bus terminals, starting with Reading Terminal in Tel Aviv, for 200 e-buses

In October 2021, the Tel Aviv-Yafo Municipality, in partnership with Electreon and the Dan Bus Company, announced a \$9.4M commercial agreement for Electreon to install stationary wireless charging for Dan electric buses at city terminals to enable the buses to charge between trips and while passengers board and disembark.

In the first stage of the project, Electreon will integrate its wireless charging systems for Dan's electric buses to charge at the Reading Terminal in north Tel Aviv. Following this, the wireless charging infrastructure will be installed at other key terminals throughout Tel Aviv and in Israel's southern regions. In total, Electreon will install its wireless charging receivers on 200 Dan electric buses over five years.

The announcement follows Electreon's successful pilot with Dan Bus Company in Tel Aviv, which commenced in March 2021 and demonstrated the reduction of required battery capacity by approximately 90% for the electric bus that utilized Electreon's dynamic and static wireless charging along its route. The pilot has demonstrated a lowering of the potential total cost of ownership for Dan and has also highlighted how wireless charging technology has the potential to increase the automotive industry's EV sustainability efforts.

The framework of this commercial agreement will be based on Electreon's "Charging as a Service" offering, in which Electreon is financing the charging infrastructure at the terminals, as well as providing operation, maintenance and software services throughout the length of the project, while the Dan Bus Company will pay a monthly fee for the service.

Ofir Karni, CEO of Dan Bus Company, has stated that Electreon's "advanced technology is expected to enable our electric fleet to achieve greater range and extended operational hours while flattening peak energy consumption loads from overnight depot charging and simultaneously, allowing us to maintain our essential maneuvering space and operational flexibility at our terminals."

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