



This is an English translation of a Hebrew immediate report that was published on October 14, 2020 (reference no.: 2020-01-111924) (hereafter: the “**Hebrew Version**”). This English version is only for convenience purposes. This is not an official translation and has no binding force. Whilst reasonable care and skill have been exercised in the preparation hereof, no translation can ever perfectly reflect the Hebrew Version. In the event of any discrepancy between the Hebrew Version and this translation, the Hebrew Version shall prevail.

**Electreon Wireless Ltd.**  
**(the “Company”)**

October 14, 2020

To  
Israel Securities Authority  
Reported Via Magna

To  
Tel Aviv Stock Exchange  
Reported Via Magna

Dear Sir and Madam,

**Re: Success in a Dynamic Wireless Charging Experiment of an Electric Truck Equipped with Four Receivers and an Update regarding the Progress of the Projects in Sweden and Tel-Aviv**

Further to section 11.10 of the Company's periodic report for 2019, dated April 26, 2020 (reference number: 2020-01-041784) (the “**Periodic Report**”), the Company is hereby honored to announce that on October 13, 2020 it successfully completed a dynamic wireless charging experiment, in which 100 kw of energy was transferred from the Company's wireless electric road into a battery that was installed in an electric truck which was equipped with four of the Company's receivers.

The experiment was conducted at the experiment facility which was built by the Company near the city of Stockholm, Sweden. During the experiment, the electric truck was charged while traveling at speed of approximately 20 kilometer per hour. The receivers developed by the Company transferred to the battery energy of approximately 25 kilowatt for a single receiver with an efficiency of 85%. The experiment results are satisfactory and meet the Company's target of power of 20 kilowatts for a single receiver.

The travel speed in the experiment facility in which the Company has performed the experiment is limited to 20 kilometer per hour. The Company intends to test the charging of the truck while traveling at speed of up to 80 kilometer per hour, which is the maximum travel speed of the truck, on the Company's experimental road in Gotland, Sweden, subject to obtaining the approvals of the Swedish competent authorities.

### The Company's progress in the demonstration pilot of the wireless electric road in Gotland, Sweden

Further to section 11.11 of the Company's Periodic Report, the Company is hereby honored to update that Electreon AB (a subsidiary of the Company which serves as the Company's operation company in the Nordic countries) is currently in the midst of building the remaining wireless electric road infrastructure in a public road that connects the airport and Visby city, as part of its demonstration pilot of the wireless electric road in Sweden. In the past week Electreon AB built a wireless electric road infrastructure in a length of approximately 200 meters which is part of an infrastructure in a total length of approximately 1.55 kilometers, and it intends to continue building the wireless electric road subject to the weather conditions.

### The Company's progress in the demonstration pilot of the wireless electric road in Tel Aviv

Further to section 11.12 of the Company's Periodic Report, which states that the Company and the Tel Aviv – Yafo Municipality decided to cooperate in the implementation of a pilot to demonstrate traveling of a passengers' bus on the Company's wireless electric road, the Company is hereby honored to update that in the past several weeks it began the construction of the sections of the wireless electric road infrastructure in a total length of approximately 600 meters on a road of approximately 2 km, which connects between the Tel Aviv University bus terminal and Klachkin street in Tel Aviv. In the end of the installment, the wireless road infrastructure will also include a static charging station in the bus terminal. On September 17, 2020, the Company successfully build the first section of the wireless electric road at Dr George Wise Street, in a length of approximately 350 meters and in less than 24 hours.

The wireless electric road will allow electric buses to travel by using electric inspiration directly from the road and it is expected to provide a full charging solution to the electric bus which will transport students from the bus station to Tel Aviv University. As part of the preparation to the Pilot, the Company has already purchased an electric bus made by Higer, has completed the required tests and has installed its receivers on it. The testing process included charging the battery at 60 kilowatts using three receivers and now the electric bus is ready to travel.

The Company estimates that by the end of the year it will complete the building of the wireless electric road infrastructure at Klausner Street, in a length of approximately 250 meters and that it will complete the road building works in the Tel Aviv project, including building the static charging station in the bus terminal. In addition, the Company estimates that it will begin charging traveling tests of the bus along the route.

*As of the date of this report, the development of the electric road and/or any of its components has not yet fully completed. In addition, there is no certainty that the said development will indeed be completed, and if completed, what will be its results. The Company's estimations regarding the Company's experiments in Sweden and Tel-Aviv and regarding the schedule for building the wireless electric road infrastructure in Sweden and Tel Aviv and its operation are forward-looking information,*

*as defined in the Securities Law, 5728-1968, and are based on many factors and variables which are beyond the Company's control. These assessments and estimates may not materialize, in whole or in part, or may materialize in a materially different manner than expected by the Company. Among the main factors that can affect the Company's aforesaid estimates and assessments, are inter alia, the materialization of any of the risk factors described in the Company's Periodic Report.*

Sincerely,

**Electreon Wireless Ltd.**

Signed by:

Oren Ezer, Chairman and CEO

Barak Duani, CFO