

PRESS RELEASE

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Vattenfall's wireless charging station inaugurated on new electric bus route

The first hybrid electric bus route in the Nordic region with wireless bus stop charging is inaugurated in Södertälje, south of Stockholm. The city bus is charged rapidly and invisibly at Vattenfall's charging station. The project is a cooperation between Scania, SL, Vattenfall, Södertälje municipality and the Royal Institute of Technology (KTH) designed to develop silent and sustainable public transport. The project is being partly financed by the Swedish Energy Agency.

This is the first time in the Nordic region that a hybrid electric bus running on a regular route is being provided with invisible inductive charging. Seven minutes of wireless charging is enough for bus route 755 to run its entire distance of ten kilometres. The experience gained in this project will be important for the public transport of the future.

"This cooperation is a tangible example of realising Vattenfall's strategy. The further electrification of the transport sector is one of the most important contributions to a climate-neutral Sweden. A hundred years ago, Vattenfall electrified Sweden and the railways, and now we are electrifying the road transports," says Magnus Hall, CEO and President of Vattenfall.

Vattenfall owns and operates the charging station and supplies it with renewable electricity. Wireless bus stop charging means that the bus parks over a charging segment hidden in the road where charging takes place automatically. This charging solution is based on wireless inductive technology which is safe, efficient and environmentally friendly.

Sweden aims to have a fossil-free vehicle fleet by 2030. The electrification of public transport, and buses in particular, is crucial to reach this goal. The hybrid electric bus is 70 per cent more energy-efficient than a corresponding conventional diesel bus.

"Vattenfall wholeheartedly supports the objective of reducing emissions from the transport sector and it is a part of the company's future to offer customised charging infrastructure for electric buses," says Hall.

For further information, please contact:

Michelle von Gyllenpalm, Head of PRA & Media Relations, phone: +46 70-531 63 11

From Vattenfall's Press Office, telephone: +46 8 739 5010