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Sweden's largest charging station and battery park will be built in Malmö - Soltech's order value amounts to SEK 20 million

The collaboration between Soltech Energy's subsidiary Soltech Energy Solutions and Falkenklev Logistik is now taken to the next level. In addition to the 1.5-hectare solar park Soltech will build, both companies, together with Scania, will also construct Sweden's largest charging station and battery park for electrical trucks. The project is partly financed by the Swedish Environmental Protection Agency within the initiative Klimatklivet*. Soltech's order value for the whole park amounts to SEK 20 million.

The solar energy company Soltech Energy Solutions helps large landowners, property owners, logistics and transport companies with large-scale solar energy as well as charging and storage solutions. The company is now part in the project to be Sweden's largest charge and battery park for charging heavy vehicles with green power.

The charging station and battery park in Malmö will be built for Falkenklev Logistik, together with Scania and Kempower. The project will be the largest of its kind when it is completed later this year and is one of several stages in Falkenklev's sustainability initiative. An investment that also includes a 1.5-hectare solar park that Soltech will build in Perstorp (Skåne) during 2022, as well as five newly purchased electric trucks from Scania.

- Falkenklev is now completing one more step in their sustainability investment. The sun rays first create green electricity in their new solar park, which is transferred into the local electricity grid and their new electric trucks will then be charged in the new combined fast-charge station and battery park. Falkenklev is really in the driver's seat when it comes to sustainable transports, says Rickard Lantz, Business Development Manager, Soltech Energy Solutions.



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The charging station is also available to the public

The park will be able to charge 22 vehicles at the same time but has the potential to handle another 18 charging vehicles in the future. The charging station and battery park will also be open to the public for charging electric cars during the day.

- If we are going to do this, we are going to do it properly. With this solution our new electric trucks will be able to be charged during the night in the new park, that will also be available for public charging during the day. Being able to both contribute to the area's general charging infrastructure and secure the future of our own operations at the same time feels very good, says Victor Falkenklev, CEO of Falkenklev Logistics.
- Scania's electrified trucks contribute to a sustainable transport system, and it is therefore gratifying that we get to contribute with our solutions to a company who thinks sustainability all the way. From renewable self-produced solar energy to its own charging infrastructure. This is a great way to create sustainable transports, says Håkan Roupé, Sales Manager, trucks at Scania.

From the sun's rays to electricity - that's how it works

1. The solar park creates over one million kilowatt hours

The solar electricity that the solar park in Perstorp, Skåne, produces is sold and fed to the local electricity grid. The solar park will be approximately 15,000 sqm in size. With the electricity generated by the solar park, an electric car could drive about 400 000 km.

2.The charging station strengthens the electricity grid and ensures safe charging
The new battery park will be equipped with 2 MW batteries to ensure the capacity of the chargers. With this, the 22 charging stations will be both safe and secure. The park's chargers will also be available to the public during the day, something that contributes to the automotive industry's green transition in southern Sweden.

3. Transports run on future-proof solar

Falkenklev's transports will then be able to carry out their deliveries on green electricity. The logistics and transport company will also be independent of rampant electricity and fuel prices as they will supply over one million kilowatt hours to the local electricity grid as a result of their new solar park.

This project is part-financed by the Swedish Environmental Protection Agency within the initiative Klimatklivet. Here you can read about Klimatklivet: https://www.naturvardsverket.se/bidrag/klimatklivet/



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For more information, please contact:

Stefan Ölander, CEO, Soltech Energy

Mail: stefan.olander@soltechenergy.com

Phone: 070- 739 80 00

Samuel Lakén, PR Manager, Soltech Energy Mail: samuel.laken@soltechenergy.com

Phone: 073-705 69 61

Image Attachments

Falkenklev Laddpark

Attachments

Sweden's largest charging station and battery park will be built in Malmö - Soltech's order value amounts to SEK 20 million