

## Forsee Power and EDF Store & Forecast sign a partnership for the development of mobile electricity storage systems

**Paris, June 30, 2022 – 6:00 pm CEST** - Forsee Power (FR0014005SB3 – FORSE), the expert in smart battery systems for sustainable electromobility, and EDF Store & Forecast, specialist in smart battery storage solutions, announce the signing of a partnership for the development of mobile and intelligent electricity storage systems, using second-life batteries.

By combining their skills, the two companies set themselves the objective of reducing the environmental footprint and optimizing the economic value of batteries from heavy vehicles, by integrating them into innovative storage systems allowing:

- the replacement of thermal generators with a zero-emission solution in terms of CO<sub>2</sub>, particles and noise,
- the temporary reinforcement of the supply of charging points for light and heavy electric vehicles,
- supplying micro-grids with complex accessibility.

### Replacing diesel generators to minimize the carbon footprint

Forsee Power will supply battery packs – first or second life packs – from heavy vehicles such as buses for which the Group is the leading supplier of battery systems in Europe.

EDF Store & Forecast will integrate the battery packs into its stationary storage solutions controlled by its energy management system (EMS) and will market them.

Forsee Power also plans to use these mobile stationary storages on its own industrial sites, in particular on congested network points or associated with the production of solar energy.

The battery energy storage system and its energy management system make it possible to optimize an electrical ecosystem according to the customer's needs: management of variability and transfer of renewable energies, services to the electrical system, economic optimization of the supply/demand balance of an isolated system, minimization of the power subscribed to the network or even maximization of photovoltaic self-consumption.

A first mobile battery will be deployed in 2022 for a network operator. It will serve customers by replacing thermal generators running on diesel with a zero-emission solution. They will then be supplied with electricity during cuts for work on the electricity distribution network or in the event of climatic hazards, by charging and restoring the solar production produced locally.

## Optimizing the life cycle of transport batteries with second life

Eco-design is at the heart of Forsee Power's R&D policy. Battery packs designed for transport incorporate the possibility of a second life.

Indeed, electric mobility applications require a minimum level of energy in order to be always functional. However, once this level of energy has been exceeded at the end of the first life on board the vehicles (5 to 10 years), the batteries still have a very substantial level of energy (75 to 80% of the initial capacity). Thus, rather than sending these battery packs directly for recycling, second life use in a stationary application not only extends the life cycle of the battery packs but also improves their economic value. The battery packs are then used until their end of life, thus extending the operating time before recycling.

*“This partnership with EDF Store & Forecast is an important step for the commercialization of our second life battery systems. Designed with the use in stationary applications in mind, our high energy density battery packs dedicated to heavy transport will make it possible to support the growth of the market for stationary mobile storage solutions necessary for the decarbonization of maintenance operations and the adoption renewable energies usable at all times.”* **says Vincent Gauthier, Director of the Forsee Power Services activity.**

### About Forsee Power

Forsee Power is a French industrial group specializing in smart battery systems for sustainable electric transport (light vehicles, off-highway vehicles, buses, trains and ships), A major player in Europe, Asia and North America, the Group designs, assembles, and supplies energy management systems based on cells that are among the most robust in the market and provides installation, commissioning, and maintenance on site and remotely, Forsee Power also offers financing solutions (battery leasing) and second-life solutions for transport batteries, The Group recorded revenue from sales of EUR 72,4 million in 2021 and has more than 600 employees, For more information: [www.forseepower.com](http://www.forseepower.com) | @ForseePower

### About Store & Forecast

EDF Store & Forecast is a subsidiary of the EDF Group that designs, develops and markets intelligent solutions for renewable energies, enabling the optimisation of a local electricity system thanks to battery energy storage. These solutions support professional customers (renewable energy producers, network managers, industrial and service sector customers) in their energy transition projects.

EDF Store & Forecast offers comprehensive and coherent support at every stage of the project:

- Engineering & Studies,
- Supply and maintenance of BESS (Battery Energy Storage System) and their EMS (Energy Management System),
- Operational forecasts of renewable energy production and electricity consumption.

For more information: <http://www.edf-sf.com> | @store\_forecast

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