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Electric vehicle batteries as grid storage: Volkswagen and Elli to launch Vehicle-to-Grid Offer

- Planned market launch of the V2G product package for Volkswagen customers in Germany from the fourth quarter of 2026.
- Integrated solution consisting of electric vehicle, app, electricity tariff, smart meter, bi-directional charger, and installation. Smart meter installation available immediately.
- High level vertical integration: Group subsidiary Elli provides a holistic energy management offer for customers.
- Vision: Significantly reduce mobility costs and strengthen the energy transition in Germany.

Wolfsburg, April 16, 2026 – Volkswagen, together with Elli, the energy and mobility brand of the Volkswagen Group, is preparing the market launch of a fully integrated Vehicle-to-Grid (V2G) offer for private customers in Germany. From the fourth quarter of 2026, Volkswagen customers can not only just charge their electric vehicles, but also actively integrate them into the energy system and generate additional revenue. Pre-registration for the offer will be available from June 2026, with further European countries to follow. With this initiative, Volkswagen is consistently advancing its existing home charging and energy ecosystem. Vehicle-to-Grid is not a standalone product, but the next step in the development of a comprehensive energy offer centered around electric vehicles.



ID.7 in a home charging setting: visualization of the energy flow between the vehicle and the power grid as part of Vehicle-to-Grid.

everyday life and making this technology accessible to the mass market. That is the ambition of the Volkswagen brand.”

Martin Sander, Member of the Board of Management, responsible for Sales, Marketing, and After-Sales at Volkswagen Passenger Cars:

“Electric mobility can only realize its full potential if it also makes economic sense for our customers. With Vehicle-to-Grid, we are delivering exactly that: significantly lower home charging costs – and, in the long term, nearly cost-free charging. As a pioneer in bidirectional charging, our entire ID. family has been ‘bidi-ready’ since 2023. In this way, we are bringing V2G from innovation into

Giovanni Palazzo, CEO Elli & SVP Charging and Energy Volkswagen Group Components:

“Vehicle-to-Grid delivers its full value only through the connection of vehicles, infrastructure and the energy market. And that is precisely why we established Elli as the energy interface within the Group. Today, we have the technological and operational capabilities to scale an integrated solution across millions of vehicles and brands. We are now taking the next step: connecting batteries, unlocking new value through aggregation, and making our vision of a ‘Managed Battery Network’ a tangible reality for the first time.”

Savings potential and future revenue opportunities

The new V2G offer enables customers to actively manage their mobility costs: electric vehicles can become a source of income in the future. By providing available battery capacity from their vehicle and demonstrating flexibility in charging behavior, customers can achieve savings and, in the future, generate revenue. Market estimates suggest a potential of up to €700 to €900 annually in best-case scenarios.

In an initial phase, customers will receive compensation for making their vehicle battery available for energy trading. This compensation is independent of trading performance, fully transparent, and based on the level of flexibility the customer chooses in their charging behavior.

The goal is to gradually reduce the total cost of mobility – ultimately moving toward nearly cost-neutral charging. Electric mobility is thus evolving from a pure cost factor into an active component of the energy market. At the same time, customers benefit from a fully-integrated offer from a single source: a dynamic electricity tariff, DC bidirectional charger, smart meter, and digital app are systematically interconnected.

V2G as part of an integrated energy system

In the future, electric vehicles will take on a dual role: they will not only serve as a means of transport but also function as flexible energy storage units. Surplus energy – particularly from renewable sources – can be stored in the vehicle and fed back into the grid when needed. This makes the integration of mobility and energy a central component of Volkswagen’s Group strategy.

Vehicle-to-Grid offers not only individual benefits but also significant macroeconomic potential: studies indicate that up to €22 billion in system costs could be saved annually in Europe by 2040. In Germany alone, approximately 9,500 GWh of renewable energy was recently curtailed – enough to power around three million electric vehicles for an entire year.

MEB platform enables scaling to the mass market

The technological foundation is the modular electric drive platform (MEB). Around one million vehicles in Europe are already technically prepared for bidirectional charging.

With the upcoming ID. Software 6, the functionality will be extended to additional battery sizes, making it accessible to an even broader customer base – including future volume models. At the same time, Volkswagen ensures through robust high-voltage batteries and protection systems that bidirectional charging does not significantly impact battery lifespan.

Elli as orchestrator of an integrated energy ecosystem

The Group subsidiary Elli plays a central role. The company is evolving from a provider of charging and energy solutions into a manager of a comprehensive energy system, combining:

- Electricity tariff
- Charger
- Digital app control
- Aggregation of vehicle batteries
- Access to energy markets and energy trading

Elli thus acts as the link between the EV, customers, and the energy market, supported by its own energy trading team that trades electricity on the EPEX Spot exchange 24 hours a day, seven days a week. In contrast to fragmented competitive approaches, Volkswagen is pursuing a fully integrated platform model with the aim of retaining the customer interface and key value creation within its own ecosystem.

Smart meters as a key element to energy infrastructure

The integration of intelligent metering systems – smart meters – is essential for the widespread adoption of V2G. Elli refers customers to one of the largest competitive metering point operators for the provision of a smart meter. Customers are directed accordingly via the Elli website. As a nationwide metering point operator, the provider is responsible for the installation of the smart meter and the provision of high-resolution metering data. By simplifying access to this key technology, Elli contributes to enabling the energy transition.

Close collaboration will also accelerate installation: customers are expected to receive their smart meter within eight to ten weeks and, following configuration, will be able to use the V2G tariff.

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About the Volkswagen Group:

The Volkswagen Group is one of the world's leading car makers, headquartered in Wolfsburg, Germany. It operates globally, with 111 production facilities in 16 European countries and 10 countries in the Americas, Asia and Africa. With around 663,000 employees worldwide. The Group's vehicles are sold in over 150 countries.

With a comprehensive portfolio of strong global brands, leading technologies at scale, innovative ideas to tap into future profit pools and an entrepreneurial leadership team, the Volkswagen Group is committed to shaping the future of mobility through investments in electric and autonomous driving vehicles, digitalization and sustainability. The goal: As a "Global Automotive Tech Driver", to make the best automotive technologies accessible to customers worldwide - from entry-level mobility to the luxury segment.

In 2025, the total number of vehicles delivered to customers by the Group globally was 9.0 million (2024: 9.0 million). Group sales revenue in 2025 totaled EUR 321.9 billion (2024: EUR 324.7 billion). The operating result in 2025 amounted to EUR 8.9 billion (2024: EUR 19.1 billion).

About Elli:

The Elli brand, with around 450 employees, takes care of customers' needs at the interface between energy and mobility. Elli, as part of the Volkswagen Group, offers a broad range of energy and charging solutions in Europe and acts as a mobility service provider. The current product portfolio includes charging solutions for private customers and companies - from the company's own home chargers and the flexible fast-charging stations (Flexpoles) to charging services and innovative smart green electricity tariffs. For charging in public spaces, Elli provides digital solutions and services for a seamless charging experience. Elli, which was founded in 2018, has offices in Berlin, Wolfsburg, Munich and Eschborn.

THE GLOBAL AUTOMOTIVE TECH DRIVER.
