

HIGH-END SMART TECHNOLOGY OPTIMIZES USE OF RENEWABLE ENERGY
**NEWMOTION, MITSUBISHI MOTORS, TENNET AND ENEL IMPLEMENT
VEHICLE-TO-GRID PILOT ON DUTCH MARKET**

Amsterdam, October 18th, 2017 – Today, NewMotion - one of Europe’s biggest providers of smart charging solutions for electric driving - announces the implementation of a bi-directional loading pilot, also known as 'Vehicle to Grid' (V2G). With V2G-technology, peak demand on the electricity grid can be better balanced, by allowing electric vehicles to not just take power from the grid, but also return it to the network. NewMotion joins forces with Mitsubishi, and grid operator TenneT using V2G chargers from Enel and grid services and technology from Nuvve. The pilot features the popular Mitsubishi Outlander PHEV.

Electric vehicle as an energy buffer

NewMotion-CEO Sytse Zuidema: “There is a shift towards more and more renewable energy such as wind and solar, but both sources are still too dependent on the weather and therefore variable and volatile. With V2G-technology, we turn parked electric vehicles - at home and at work - into power service providers and energy buffers. They can save a surplus of energy and return energy to the grid at a peak time. This results in more stability and security.” Every Mitsubishi Outlander PHEV and its battery already has the capability to utilize a V2G charge point. Zuidema: "Mitsubishi Motors Corporation is a real frontrunner by embracing V2G and using the technology in its PHEV. Together with our partners we want to show that V2G is easy to implement and can make a huge difference to the electricity grid as well as electric vehicle user’s wallets."

Broader strategy

TenneT is a leading European electricity transmission system operator and is responsible for balancing the Dutch electricity system. TenneT is facilitating the energy transition. TenneT CEO Mel Kroon: “Volatility increases with the growing electricity production from renewable sources. Supply and demand must always be in balance. Therefore, TenneT is looking for new decentralized sources to provide flexibility. This pilot project is part of a broader strategy and portfolio of pilots preparing the electricity system to accommodate the growing volume of renewable energy." California-based Nuvve developed the Grid Integrated Vehicle platform GIVe™, which controls the power flow to and from electric cars, ensuring that the driver’s mileage needs are always met and which optimizes the power available to the grid. It is a leading company in V2G deployments and ensures the delivery of ancillary services to TenneT. Gregory Poilasne, Nuvve’s CEO says: “We are excited to start performing bidirectional V2G frequency regulation services for TenneT. We expect regulations and legislation in Europe to change in favor of distributed resources on the grid and these kind of projects are key in changing mindsets and making sure that EVs are integrated to the grid.”

Energy Revolution

"With V2G technology, we not only encourage the use of renewable energy sources, but also introduce a potential earnings model for electric drivers," adds NewMotion's Zuidema. By making electric vehicles a source of energy, owners could eventually ask for financial compensation from their energy supplier. "With our partners, we are currently investigating how individuals can not only make an obvious contribution to the environment by reducing CO2 emissions, but also earn money. We are part of an energy revolution in the field of electric driving."

About NewMotion

NewMotion, with its headquarters in Amsterdam, is a pioneer in charging electric vehicles. It has a European network of over 50,000 charge points and there are over 100,000 charge cards in circulation. NewMotion not only helps organizations and individuals charge their electric vehicles, but it also offers full-service solutions. For example, there is an app that allows charge points to be located easily and gives a real-time insight on energy consumption and charging costs. NewMotion charge points received a Red Dot Design Award in 2016. In October of 2017, NewMotion was acquired by Shell. Under the terms of the deal, NewMotion will continue business as usual as a wholly owned subsidiary of Shell. Both companies will work together to maximise the synergies and opportunities on offer. <https://newmotion.com/v2g>

About Mitsubishi Motors Corporation

Mitsubishi Motors Corporation, with its headquarters in Tokyo Japan, is a multinational automotive manufacturer. i-MiEV was launched the first mass-produced Electric Vehicle with lithium ion batteries in 2009, which was followed with a plug-in hybrid EV-based SUV, OUTLANDER PHEV, in 2013. OUTLANDER PHEV has been the most sold vehicle in PHEV category in Europe and Japan. Through V2X, Mitsubishi Motors Corporation adds new value to the vehicles and delivers smiles to customers.

www.mitsubishi-motors.com/en/
www.mitsubishi-motors.com/en/showroom/phev/

About TenneT

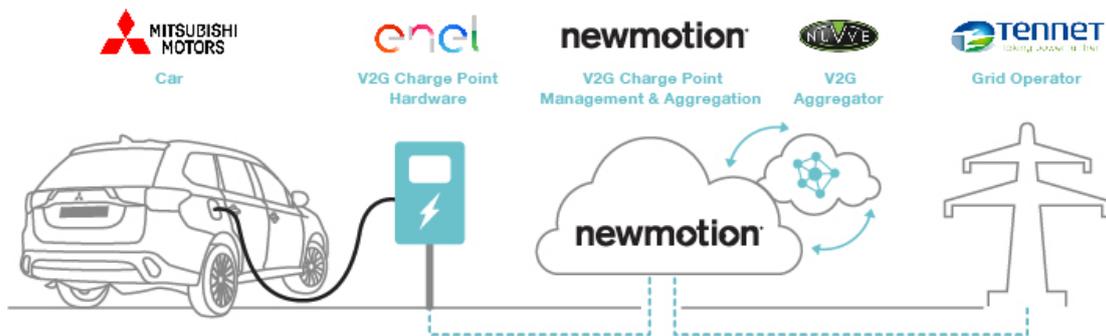
TenneT is a leading European electricity transmission system operator (TSO) with its main activities in the Netherlands and Germany. With 22,500 kilometres of high-voltage connections we ensure a secure supply of electricity to 41 million end-users. We employ approximately 3,000 people, have a turnover of EUR 3.2 billion and an asset value totalling EUR 19 billion. TenneT is one of Europe's major investors in national and cross-border grid connections on land and at sea, bringing together the Northwest European energy markets and enabling the energy transition. We make every effort to meet the needs of society by being responsible, engaged and connected. Taking power further.

www.tennet.eu

About Nuvve

Nuvve Corp. is a San Diego based company, whose mission is to lower the cost of electrical vehicle (EV) ownership while supporting the integration of renewable energy sources, such as wind and solar. Their Grid Integrated Vehicle platform GIVe™ transforms EVs into grid assets when charging while guaranteeing the expected level of charge when the vehicle owner needs it. The aggregation of thousands of electric vehicles into a virtual power plant using the GIVe platform, allows Nuvve to participate in electricity markets with a power capacity comparable to traditional generators. Based on vehicle to grid technology or V2G, the GIVe platform gives benefits to public organisations, businesses and homes by reducing the cost of electric infrastructure and reducing CO2 emissions.

www.nuvve.com



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