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## ENEL ACQUIRES EMOTORWERKS TO PROVIDE GRID BALANCING SOLUTIONS AND TAP INTO US E-MOBILITY MARKET

- *Enel, through its US subsidiary EnerNOC, acquired California-based advanced energy and e-mobility solutions company eMotorWerks*
- *eMotorWerks' JuiceNet platform can aggregate distributed storage facilities, including but not limited to electric vehicle batteries, to provide grid balancing and energy management services*
- *Enel is also planning to use the JuiceNet platform's functions to provide electric mobility solutions for end users*

**Rome, Boston - October 25<sup>th</sup>, 2017** – Enel S.p.A. (“Enel”), through its US subsidiary EnerNOC, announced today the acquisition of California-based eMotorWerks, a leading North American supplier of electric vehicle (EV) charging stations, called JuiceBox, and owner and operator of JuiceNet, an Internet of Things (IoT) platform for the smart management of EV charging and other distributed energy storage facilities. Through the JuiceNet platform, these facilities can be remotely controlled and aggregated for grid balancing purposes relying on unidirectional and bidirectional (vehicle-to-grid, V2G) electricity flows. The acquisition of eMotorWerks marks Enel's entrance into the US electric mobility market, one of the largest EV markets at global level.

*“Electric vehicles have the potential to be one of the most disruptive technologies the modern electricity grid has faced in the last one hundred years,”* said **Francesco Venturini**, Head of Enel's Global e-Solutions division. *“The electric mobility revolution is leading utilities, grid operators, and consumers to rethink traditional business models, invest in new infrastructure, and roll out new solutions to provide flexibility and resiliency to the grid. Our mission is to be on the cutting edge of this paradigm shift, where consumers can play a more active role in energy generation and use. This acquisition enriches our e-mobility offering and integrates a highly sophisticated smart EV charging solution within our portfolio of grid flexibility services, which includes the world's largest demand response network, distributed energy management systems and battery storage solutions.”*

*“Electrification of transportation is one of the largest greenhouse gas reduction opportunities facing the planet and electric vehicles are quickly becoming the largest flexible resource on the grid. With smart energy management by JuiceNet, EVs can provide the bulk of the grid balancing capacity to enable the 100% renewable grid around the world. Additionally, as EV adoption grows, utilities must either add more infrastructure to meet energy demands or adopt smart-charging solutions. eMotorWerk's solution minimizes EV emissions and remotely optimizes charging load, which can reduce peak demands and increase the likelihood that EVs charge on cheaper and cleaner renewable energy,”* said **Val Miftakhov**, eMotorWerks Founder and CEO. *“As the newest member of Enel family, eMotorWerks now has all the*

*resources and go-to-market access required to scale our solutions globally and drive the faster adoption of a smart, grid-integrated EV future.”*

This acquisition further substantiates the implementation of Enel’s strategy to deliver, innovative customer-focused products and services to the market, such as smart charging, integration between electric vehicles and distributed generation resources, as well as grid balancing and V2G services. Enel is planning to use JuiceNet platform’s functions in all of its EV charging stations globally<sup>1</sup>.

With eMotorWerks’ JuiceNet platform, users can remotely schedule and control the “greenest” and most cost-effective times to charge their EVs. For example, JuiceNet allows users to schedule EV charging when electricity from domestic solar rooftop systems is most abundant. Furthermore, through JuiceNet, EVs, V2G charging stations and other storage facilities can also be used to respond to network signals, aggregating charging and discharging activities in order to balance electricity flows in the grid when needed. These balancing services can provide additional revenue streams for EV owners, potentially lowering the total cost of ownership of these vehicles.

eMotorWerks is headquartered in San Carlos, CA and currently employs 55 people. This acquisition comes on the heels of eMotorWerks’ listing as the 7<sup>th</sup> fastest growing company in Silicon Valley and the 19<sup>th</sup> fastest growing energy company in the U.S. eMotorWerks has deployed more than 25,000 smart-grid enabled charging stations to date.

Enel is a multinational power company and a leading integrated player in the global, power, gas and renewables markets. It is Europe’s largest utility in terms of market capitalisation and figures among Europe’s leading power companies in terms of installed capacity and reported EBITDA. The Group is present in over 30 countries worldwide, producing energy with more than 86 GW of managed capacity. Enel distributes electricity and gas through a network of over 2 million kilometres, and with over 65 million business and household customers globally, the Group has the largest customer base among European competitors. Enel’s renewables arm Enel Green Power already manages more than 39 GW of wind, solar, geothermal, biomass and hydropower plants in Europe, the Americas, Africa, Asia and has recently arrived in Australia.

In North America, Enel’s renewable subsidiary Enel Green Power North America (EGPNA) operates around 100 plants with a managed capacity exceeding 3.3 GW powered by renewable hydropower, wind, geothermal and solar energy. Through EGPNA, in January Enel acquired the US-based company specialised in intelligent software and energy storage systems Demand Energy Networks, while in August it completed the acquisition of EnerNOC, a leading provider of demand response and energy services for utility, commercial, institutional and industrial customers.

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<sup>1</sup> Enel has installed around 5,000 charging stations in Italy, Spain, Romania, Greece, Chile, Colombia and Argentina.