

Press Release

E.ON sets all course for digitalization and establishes new subsidiary E.ON One

Digitalization is one of the cornerstones of the energy landscape of the future. With establishing E.ON One as the digital enabler for the energy sector, the goal is clear: Offer all relevant solutions from a single source. The company will bring together all digital solutions for utilities to enable the energy sector to make grids smart and allow energy consumption to become more sustainable.

“The energy transition is more urgent than ever and digital solutions are one of the main answers to the growing complexity of the energy system. Millions of households, their appliances and businesses need to be connected to the power grid in an increasingly decentralized energy system. E.ON One supports our customers on this journey and can draw on a portfolio of digital solutions from leading scale-ups and E.ON built solutions that have already been successfully deployed on a large scale in Germany and Europe”, says Victoria Ossadnik, member of the E.ON Board of Management responsible for digitalization.

Europe’s energy sector is required to change at a pace never seen before. E.ON One helps distribution grid operators in this transformation by providing a digital twin of the grid via technology but also Stadtwerke, renewable energy providers and e-mobility operators with connecting, steering and optimizing their decentral energy resource assets. For this reason, E.ON One also includes the two scale-ups gridX and envelio, in each of which E.ON holds a majority stake.

E.ON One focuses on three business areas that are fundamental to a successful energy transition. First, against a background of many grid connection requests, the energy flows in the grid must be kept in balance. With the enormous number of decentralized energy generators, electric cars and heat pumps, this represents a major challenge and leads to the second business area, the operation of energy networks. With the increasing volatility in the grid from renewables and additional challenges from the current situation, a stable and reliable operation of distribution grids is more important than ever. “To solve this problem, E.ON One has developed Brightfield, a data acquisition system which provides real time visibility on transformer stations”, explains Tim van Amstel, who manages E.ON One together with Stefan Huppertz and Marco Rummer. For the third business area focusing on energy management solutions, E.ON One offers a set of solutions that provides customers more transparency about their consumption and optimizes consumption and generation automatically.

To deliver the best possible support in the current situation, E.ON One provides customers with digitization modules and upgrades that help to save energy, stabilize grid operations or move energy consumption to less critical time (so called “peak shaving”) – those modules are offered at no cost during the winter

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period, between November and March, in order to help customers through the upcoming period.

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