



Co-funded by the Horizon 2020 programme
of the European Union

Press Release

May, 2017

GridON introduces inexpensive Fault Current Limiters for distribution and industrial networks, co-funded by the Horizon 2020 programme of the European Union

In June 2015, GridON was awarded a Horizon 2020 grant from the European Union. Following two years of development of an enhanced and innovative product line of Fault Current Limiters, GridON is pleased to announce successful completion of the project.

GridON is adding a new family of inexpensive Fault Current Limiters (FCL) with smaller footprint for mid-to-high voltage applications. GridON's established technology has been enhanced to offer a cost-effective solution for distribution grid operators, industrial customers and independent power producers.

The new FCL offers distribution grid planners a cost-effective solution to mitigate growing fault currents in their networks, without replacing existing fit-for-use equipment. Independent power producers can design-in this affordable FCL, to control fault currents introduced when connecting Distributed Generation to the grid. This FCL offers industrial customers a reliable solution for managing increased capacity and growing fault levels in their plants.

The Horizon 2020 project has been executing on schedule and on budget, and a newly designed FCL was tested successfully. The new product line is very economical with significantly reduced footprint – offering a perfect solution for DG connections, and increased capacity in distribution and industrial networks.

"GridON's first generation FCLs have been operating flawlessly in live networks for more than four years" said Yoram Valent, Chief Executive and co-founder of GridON. "Using the Horizon 2020 grant, GridON is now able to offer a second generation FCLs, specifically designed for independent power producers' and industrial customers' needs."

About GridON Ltd

GridON offers fault current limiters for network operators, power producers and industrial customers. By suppressing excessive fault current, GridON's FCLs enable increased supply by cost-effective network meshing and connection of power generation and renewable energy sources. The FCL improves grid resilience and reliability and significantly lowers capital expenditures and operating costs, while eliminating network upgrades and early retirement of fit-for use equipment.

GridON's FCL is based on combining industry-standard, proven transformer technology with unique and proprietary concept of electro-magnetic flux alteration on a saturated iron core. The fail-safe system responds instantaneously to faults, suppresses fault current for its entire duration, and recovers immediately following fault clearance – being always ready for consecutive faults events.

GridON's commercial FCLs have been operating flawlessly in live networks for more than 3 years, proving the reliability and maturity of the product. GridON is offering scalable FCL solutions from distribution to very high transmission voltage ratings, in partnership with Wilson Transformer Company - Australia's leading manufacturer of high-quality transformers.

GridON was awarded the Global Cleantech 100 and the UK Energy Innovation in 2013, and received the prestigious ACES Smart Grid and GE ecomagination Powering the Grid awards in 2012.

For further information, please visit www.GridON.com or email sales@GridON.com or call +972.3.711.1183.