

ENERGO GROUP CANADA Inc.

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Article:

Installed the first device for automated voltage regulation



EG recently celebrated the installation of the first automated voltage regulator in the neighbourhood of Krnjaca, a suburb of Belgrade, Serbia. At an event held to commemorate the installation, Zoran Rajovic, the Director of EDB, Belgrade's local electrical utility, reminded everyone in attendance that it was only twenty years ago that EDB installed the first device for improving the quality of power delivered by the low voltage network. The state of the art (at the time) fixed voltage regulators become a role model for other electric utility companies in Serbia

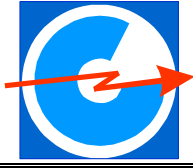
However, the old device could only step up to fixed voltages while today, EG's device allows automatic regulation of power quality for delivered energy which can be monitored via an added control box over a wireless communication network. The device will also help control the loss of electricity to unauthorized users.



Rajovic pointed out how important this step is in allowing EDB to fulfill their obligation to deliver quality electrical energy to their customers.



In this low voltage line, EG's VROT-18 is installed to address local customer complaints about voltage quality in their neighbourhood. EDB monitored the power quality for over a month before confirming there was a problem and installing the regulator to address it. This is the first such device installed in EDB's distribution network and more are planned to be installed at other critical locations in the near future said Rajovic.



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EG's VROT-18 is shown here installed next to an industrial complex and it is the first device installed on EDB's network that can:

- Automatically regulate the quality of the voltage, current and power.
- Control and monitor voltage and adjust the voltage to the required levels.
- Paired with an RTU, the VROT records and wirelessly sends power quality and metering data to the control center.
- Provide power delivery information for billing purposes.
- Detect the loss of power to unauthorized users.

End of translation.