

## Success Story

Elektroprivreda Crne Gore, Montenegro

Landis+Gyr+

manage energy better



## First AMM solution in the Balkans

Landis+Gyr has implemented an Advanced Meter Management (AMM) system at the Elektroprivreda Crne Gore (EPCG) utility in Montenegro. The system enables the utility to manage up to 100,000 low voltage customers through 600 data concentrators.

EPCG is the first utility to implement an AMM solution in the Balkans.

With the system EPCG will have complete control over its low voltage electrical network through a new generation of electronic meters (LENNT) and data concentrators installed in the utility's substations (MV/LV).

The system will cover approximately 4,100 metering points connected to 21 data concentrators in the cities of Podgorica, Niksic, Bijelo Polje and Herceg Novi. Furthermore, it is scalable and can be extended to cover the whole of Montenegro and all 350,000 metering points.

EPCG received funding from the World Bank Project of Emergency Stabilisation of Electricity Supply in the Republic of Montenegro for the installation of the system.

EPCG and the World Bank believe that AMM brings numerous business benefits, including helping to improve revenue by reducing non-commercial losses and improving service to low voltage customers by providing faster and more accurate responses to customer queries. Furthermore, the system allows for the option to introduce demand side management, subject to the needs of the Montenegrin distribution network.

A network analysis of the power line communication was carried out after installation and commissioning. With

fine tuning optimal communication was achieved, even with difficult network conditions, including 800 mile distances between data concentrators and meters, and a mixed overhead and underground cabling configuration. EPCG and the World Bank monitored and verified the system during a successful Site Acceptance Test (SAT) conducted in Podgorica.

### Fast facts

**Number metering points:** 350,000 across Montenegro (potential); 4,100 metering points (actual)

**Solution:** AMM

**Funding:** World Bank Project of Emergency Stabilisation of Electricity Supply

### Landis+Gyr AG

Feldstrasse 1  
6301 Zug  
Switzerland

Tel. +41 41 935 6000

Fax +41 41 935 6601

info@landisgyr.com

[www.landisgyr.com/europe](http://www.landisgyr.com/europe)