

SUCCESS STORY

USAID & USEA Partner with Macedonian Utility to Adapt to and Mitigate the Effects of Weather Related Power Outages



Flash Flooding and Storm Damage August 2015 Tetovo. Macedonia

EVN Macedonia developed an Emergency Response Program to effectively counter increasingly unstable weather conditions in Southeast Europe and their negative impact on the security of supply and operability of the Macedonian electricity distribution system. The United States Agency for International Development (USAID) and the United States Energy Association (USEA) have assisted EVN Macedonia to establish an emergency response program to effectively counter increasingly unstable weather conditions in Southeast Europe and their negative impact on the security of supply and operability of the Macedonian electricity distribution system. Millions of electricity customers in the region have been negatively affected by catastrophic flooding, record breaking cold periods and severe icing over the past two years, leading to significant disruptions to the electricity supply.

EVN Macedonia has developed a new operational management strategy to effectively remediate weather related distribution interruptions. The strategy standardizes temporary solutions to repair damaged lines, encourages additional crisis remediation training for distribution system employees and establishes a crisis management committee. The committee coordinates internal and external resources, sets priorities and optimal balances of resources and develops strategic disaster response guidelines.

EVN Macedonia's emergency response program is the first of its kind to address weather related electricity distribution emergencies in the region. The program was developed as a result of EVN Macedonia's participation in the USAID/USEA Southeast Europe Distribution System Operator Security of Supply Working Group. Lessons learned in the development and implementation of the program will be shared with the other members of the Working Group.

Established in 2013, the USAID/USEA Southeast Europe Distribution System Operator Security of Supply Working Group brings together electricity distribution system operators from Albania, Bosnia and Herzegovina, Croatia, Kosovo, Macedonia and Serbia to assist in adapting to weather related network challenges and to improve their collective disaster response capabilities.