USAID Serbia Better Energy Activity (2021 – 2026)
USAID Serbia Energy Efficiency Activity (SEEA) – 2018-2020
Proving Potential Savings from Modernization

- The USAID Serbia Energy Efficiency Activity (SEEA) allocated $1.7 million to projects designed to reduce gas consumption and dependency on imported fuel by investing in energy efficiency at the local level (specifically, district heating companies).
USAID Serbia Energy Efficiency Activity (SEEA) – 2018-2020
Pilot Projects

- In Niš, two boiler rooms were re-fitted with equipment (burner, pipes, sensors) and automation software. During the heating season 2019-2020, energy use at these locations was reduced by 27%. The 14 MW Majakovski boiler room was automated including with a new SCADA system. Fuel savings of approx. 20%.

- In Čačak, 25 substations were automated and connected to a SCADA system to enable remote control. During 2019-2020, efficiency of operations was improved by 37%.

- In Pančevo, 200 solar thermal panels were installed on the roof of the boiler room. Since December 2019, Pančevo has produced 65,000 kWh of heat energy – the equivalent to 8000 m³ of natural gas. The project also refurbished and automated the heating and hot water supply system for the Pančevo General Hospital which allowed a 30% reduction in fossil fuel use.
Better Energy once again is focused on energy efficiency at the municipal level.

Besides hands-on technical, engineering and policy advice, Better Energy includes $2 million in grants for targeted efforts, including:

- in-kind assistance to support modern technology and equipment
- assistance with pilot projects in selected DHPs
- EE measures in multifamily residential buildings
- outreach and information campaigns
While focused on DHPs, Better Energy includes additional objectives:

1. Developing capacity in municipalities (local energy managers) to develop energy efficiency investments
   - Organizing trainings and promoting best practices.

2. Developing pilot energy efficiency projects for multi family residential buildings (MABs) which have seen limited quality upgrades

3. Addressing regulatory obstacles to renewable energy and energy efficiency investments
   - In particular, focused on promoting prosumer regulation to support investment in RE

4. Promoting sustainable financial instruments to support investments in energy efficiency and renewable energy
   - Better Energy is presenting and promoting best practices for financing energy efficiency, particularly for DHPs and MABs.
USAID Serbia Better Energy Activity – 2021-2026
New projects with DHPs

**Sombor Automation-optimization for 17 substations**
- Purchase of a SCADA license and installation of SCADA system;
- Equipment for 10 substations upgrades
- Technical advice is also being provided to support installation of a PV array on the building rooftop
  - Potential to receive prosumer contract

**Nis Network Calibration and Leak Reduction**
- Equipment and software for network calibration and leak detectors to pinpoint leakages.
Knjaževac substation upgrades and automation
- Design for upgrade of thermal substation in main municipal kindergarten. Procurement and installation of equipment to upgrade the substation
- Conceptual design (specs) for 16 additional substations (to be upgraded next year)

Pančevo Digital Transformation Project
- Install a digital platform to link substations and boiler room and ensure that operations, including energy production, distribution and delivery, are automated to provide optimal solutions responsive to changing external conditions.
THANK YOU!

USAID Serbia Better Energy Activity
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