

(Municipal enterprise Bilotserkivteplomerezha)

- Location: **Bila Tserkva, Ukraine**
- Ownership: **municipal**
- Grid: **163 km** (owned by the municipality)
- Customers: **1,370 buildings**
- Connected load: **327 MW**
- Boiler output: **419 MW** (407 boilers)
- Type of DHS: **hot water**
- Current fuel: **natural gas**
- Potential renewables nearby: **biomass**



Source: DHS Bila Tserkva web-site, bctm.com.ua

Investment plans (2020-2025):
Installation of new efficient natural gas boilers and 1 MW biomass boiler, replacement of pipelines, including 800 mm pipeline connecting DHS with the nearby CHP plant

For more information:

<http://www.keepwarmeurope.eu/country-pages/ukraine/>

Increased efficiency and security of heat supply



Primary investment drivers:

- network and equipment conditions
- energy security risks
- available financing sources

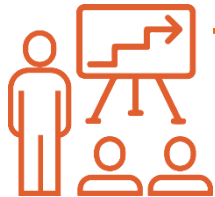
Strategic background documents:

- Sustainable Energy and Climate Action Plan of Bila Tserkva city up to 2030
- National energy efficiency, renewable energy and climate policy



Stakeholder involvement:

- Leading: **Bila Tserkva city council**
- Other: **Bilotserkivska CHP, international financial organizations**



Required resources:

Financial investment:

10.8 million EUR

Other: **equipment and materials, energy resources, incl. biomass**



Results:

- RES heat increase: **20,624 GJ per year**
- Primary energy savings: **92,152 GJ per year**
- Emissions: **↓6,895 tonnes CO_{2e} per year or 6%**
- Internal rate of return: **5-18%** depending on the intervention and assumed natural gas prices

Want to support our modernization projects?

Contact us using the information below!

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