



*The only District Heating plant fueled with agricultural residues – sunflower husks, commissioned in 2012, is located in Sremska Mitrovica (Serbia). Electric Power Industry of Serbia (EPS) invested 2.5 M EUR into construction of biomass boiler (installed capacity of 18 MW), used for heating of 3,500 apartments in multistory buildings and 80,000 sq. meters of commercial offices.*

*District Heating plant in Sremska Mitrovica fueled by sunflower husks*



Fuel (sunflower husks) is provided by the Victoria Oil factory located in Sid (40 km distance from District Heating plant), based on the 10-year supply agreement. Victoria Oil is responsible for the transport of sunflower husks to District Heating plant (7-11 tons per truck), and for disposal of ash after combustion. Capacity of operational storage for sunflower husks in District Heating plant is 300 tons, representing the 5-days operational reserve of fuel.

Annual generation of heat is 19.8 GWhth, and fuel consumption is around 4,500 tons per year. Conversion efficiency of the District Heating plant is 86%. Annual fuel savings, compared to use of natural gas, are around 30% (250,000 EUR per year).

A deliverable of Heat Wisely, public awareness raising project on biomass-based heating in the Western Balkans

