

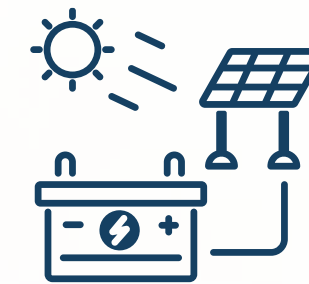
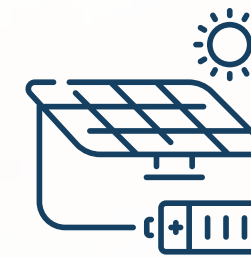
# Alternative energy supply for the facilities of **Municipal Enterprise** **"Cherkasyvodokanal"**

## Solar power plant at the Dnipro Water Treatment Plant

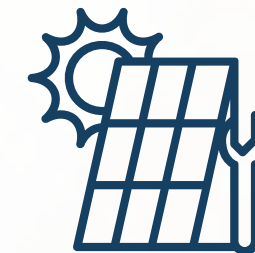




# Alternative energy supply for the facilities of Municipal Enterprise "Cherkasyvodokanal"



Construction of a 1MW  
solar power plant at the Dnipro Water  
Treatment Plant



The total cost of the project is  
≈ 937 000 EUR



# Construction of a solar power plant (SPP)

## The projects include the following works:



purchase of equipment



installation of equipment



commissioning of SPP



electric capacity of SPP: 1 MW,  
300 kW

## Social significance of projects:



provision of 24-hour water supply and drainage for the residents of Cherkasy, in conditions of war and blackouts

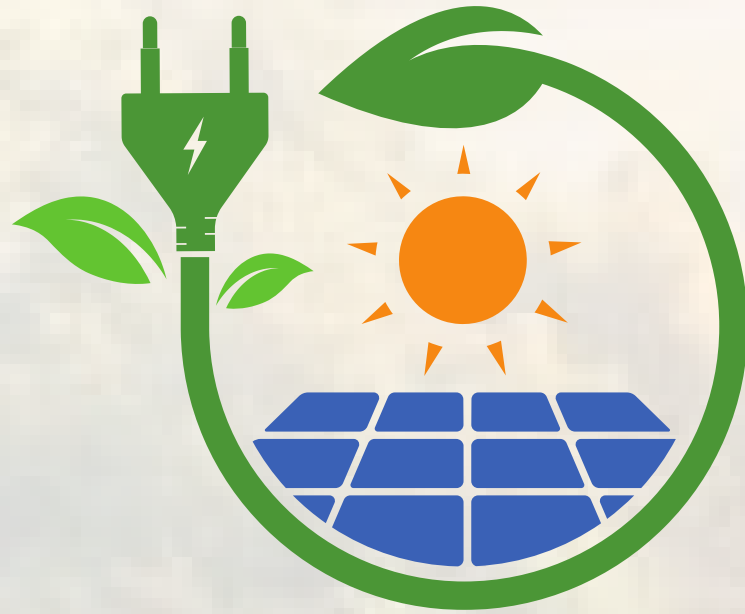


reducing the risks of environmental pollution

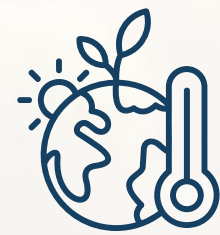


269 000 residents of the city will receive high-quality centralized water supply services





## Implementation of the project will allow:



to reduce the effects of climate change, to save 3502 trees, 37053 liters of fuel annually



to reduce the level of carbon emissions, to reduce CO2 emissions - 27 tons/year, SOx NOx - 257 kg/year



meet all 100% of the electrical energy needs of Dnipro Water Treatment Plant in the summer months



to supply excess electricity to the power grid of the village of Sokyrno, where 199 residents live

