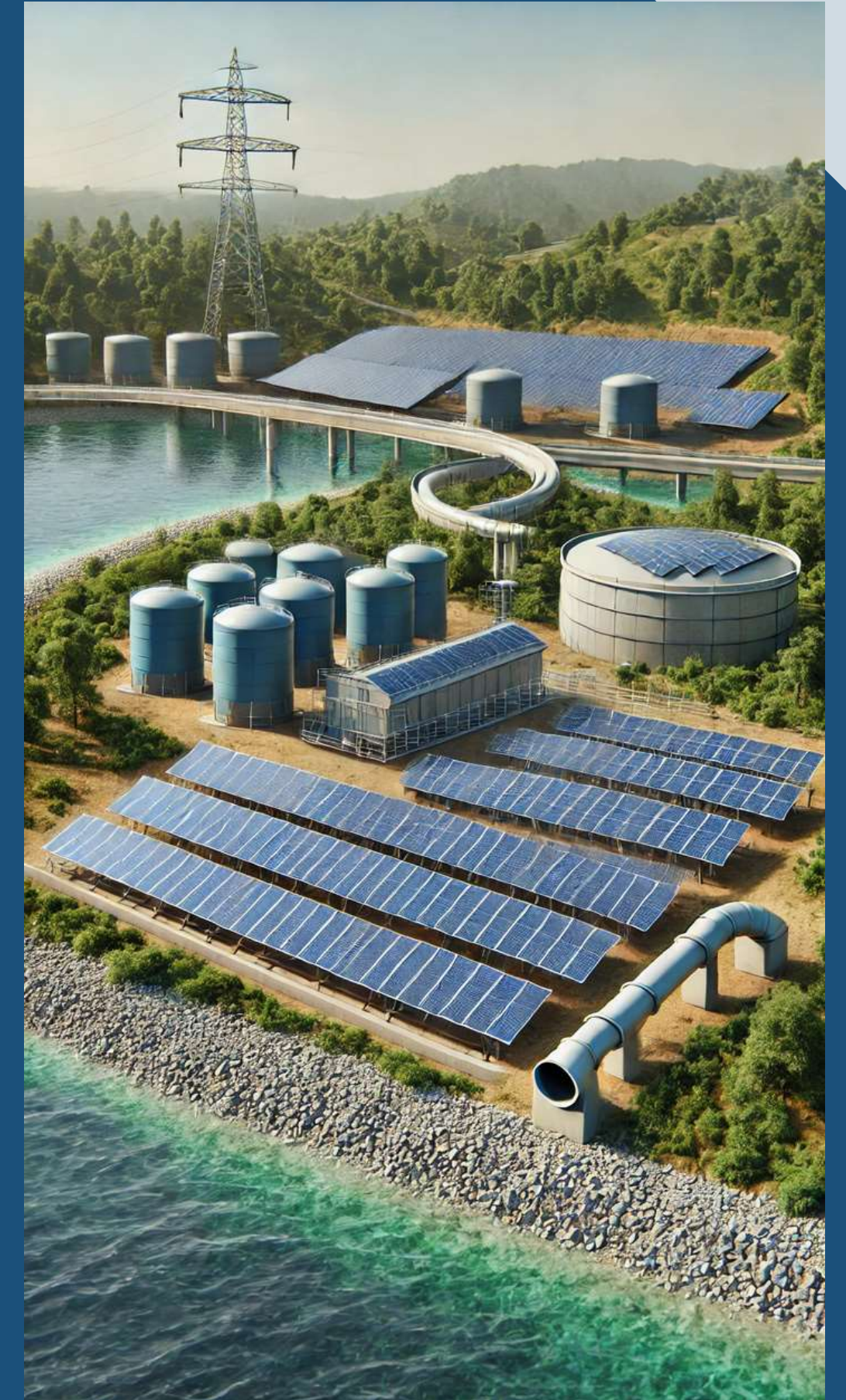


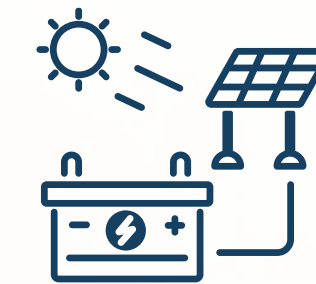
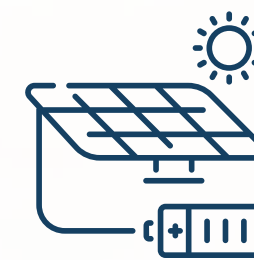
# Alternative energy supply for the facilities of **Municipal Enterprise** **"Cherkasyvodokanal"**

**Modular solar power plant at the  
reserve water intake "Vilshanka"**

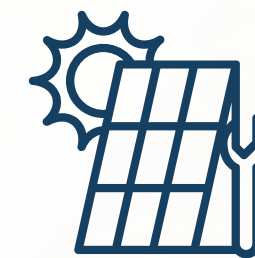




# Alternative energy supply for the facilities of Municipal Enterprise "Cherkasyvodokanal"



Purchase of a 1MW  
modular solar power plant at the reserve  
water intake "Vilshanka"



The total cost of the project is  
≈ 932 398 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

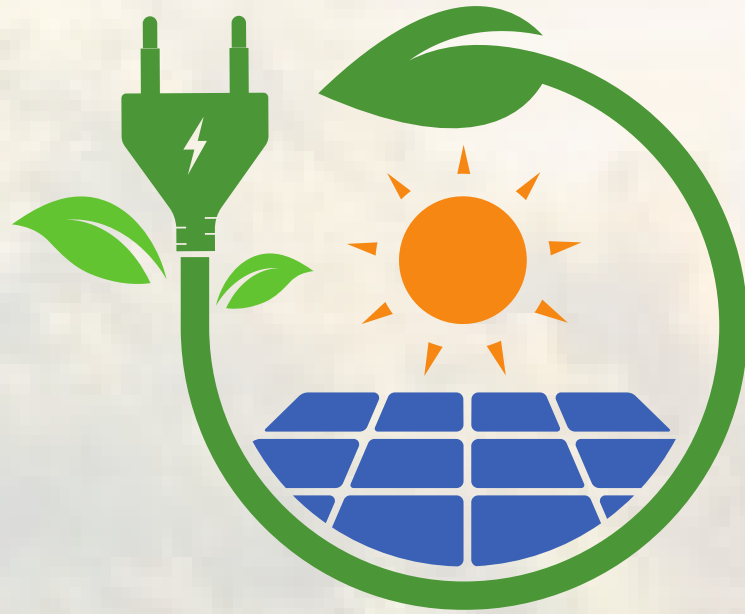


reducing the risks of environmental pollution

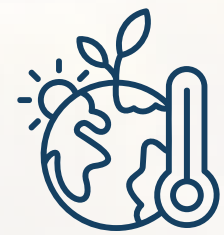


269 000 residents of the city will receive high-quality centralized water supply services





## 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 CO<sub>2</sub> emissions - 27 tons/year, SO<sub>x</sub> NO<sub>x</sub> - 257 kg/year



100% provision of electricity needs of the Vilshanka reserve water intake



to give surplus electricity to the power grid of the village of Sokyrno, where 199 residents live

