

NECF

Ukraine: UkrHydroEnergo Hydropower Rehabilitation Project

The project involves the rehabilitation of 46 hydro units, which are located at nine different sites on the Dnipro River and one site on the Dnister River in Ukraine. This will entail the replacement of power generation equipment such as gates, turbines, generators and control systems.

Some of the oldest hydro units of this project were commissioned 70 years ago and although they will not be obsolete for many years to come, they continue to run at increasingly lower efficiency levels.

The project will increase the electricity generation capacity and efficiency of the rehabilitated hydropower plants. Additional power generated by the hydro units during peak

periods will displace generation by thermal plants. Emission reductions due to displaced thermal electricity generation will be about one million tons of carbon dioxide equivalent between 2006 and the end of 2012, which the Netherlands European Carbon Facility (NECF) has contracted to buy.

The emission reductions purchase agreement was signed for one million tons of carbon dioxide equivalent between the project sponsor UkrHydro Energy and the World Bank on behalf of the NECF in Kiev in September of this year, making this the first JI project in the NECF's portfolio and the first project in Ukraine for the World Bank.



“ We optimistically turn on the ‘green’ light for the Kyoto Protocol’s flexible mechanisms that will help create additional financial resources for effective implementation of the country’s Hydro Power Rehabilitation Project. This project will increase the production of hydro electric power in a sustainable way which will help preserve the Dnipro river basin. ”

Semen Potashnik
Director, UkrHydroEnergo

