



**ENERGY EFFICIENCY**

# Ukraine

## Dnipropetrovsk region



### Summary:

**Municipal institution "Territorial Center of Social Services" of Kryvyi Rih City Council** – is an institution that provides social services and creates favorable conditions for the stay of elderly citizens and persons with disabilities who are in difficult life circumstances. As a result of the Russian Federation's military aggression, the communal institution also provides shelter to citizens from the temporarily occupied territories of Donetsk, Luhansk and Kherson regions. The project of energy-efficient power supply of the institution is proposed.



**Covered population:** more than **1500** people per year



### Aim:

- Creation of a decentralized energy supply system for the institution's building using renewable sources - a 100 kW solar grid station.



### List of equipment:

- photo modules of the CanadianSolar series;
- inverter of the ACRUX TM ALTEK series;
- generation limitation device;
- emergency protection of the ACRUX 30K TM system;
- additional equipment.



### Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme.



### Beneficiary:

Municipal institution "Territorial Center of Social Services (provision of social services) in Dovhyntseve district" of Kryvyi Rih City Council"



**Estimated cost: €42.0 thousand**



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### Summary:

**Municipal institution "Territorial Center of Social Services" of Kryvyi Rih City Council** – is an institution that provides social services and creates favorable conditions for the stay of elderly citizens and persons with disabilities who are in difficult life circumstances. As a result of the Russian Federation's military aggression, the communal institution also provides shelter to citizens from the temporarily occupied territories of Donetsk, Luhansk and Kherson regions. The project of energy-efficient power supply of the institution is proposed.



**Covered population:** more than **1500** people per year



### Aim:

- Creation of a decentralized energy supply system for the institution's building using renewable energy sources - a heat pump with a capacity of 90 kW.



### List of equipment:

- heat pump Octopus IS 120 (3 units);
- additional equipment;
- installation of IS 120 using freon.



### Mechanisms of cooperation:

- assistance from the partner regions
- technical humanitarian assistance from an international organizations
- targeted grant programme.



### Beneficiary:

Municipal institution "Territorial Center of Social Services (provision of social services) in Dovhyntseve district" of Kryvyi Rih City Council"



**Estimated cost:**

**€53.0 thousand**