

**Reconstruction of the power supply system of the general practice and family health-care outpatient clinic No. 2 at the address: Donetsk region, Selydove city Tsentralna street, 108, by installing a roof photovoltaic power station (PV-PS)**

Project description	
Project initiator	Selydove City Council
The essence of the project	This project involves construction of a grid-connected solar power plant in order to sell the generated electric energy at a "green tariff" on the electricity market. Placement of the PV-PS on the roof of the of family health-care outpatient clinic No. 2 in Selydove (area - 300.0 m <sup>2</sup> ). The approximate connection power is 70 kW. Part of the generated electricity will be used for own needs, and the excess energy is supposed to be sold at a "green tariff»
Project goal	Transition to renewable types of energy, improvement of the socio-economic situation in the community, infrastructure development, acceleration in investment activities and budget savings
Compliance with strategic documents and assignation of priorities	The project goals correspond to: - Sustainable Development Goals of Ukraine for the period up to 2030 (paragraph 2), approved by decree of the president of Ukraine "on Sustainable Development Goals of Ukraine for the period up to 2030" dated September 30, 2019 No. 722/2019. - Energy strategy of Ukraine for the period up to 2035 "safety, energy efficiency, competitiveness". - Task 4.3.2. "Alternative energy development" operational goal 4.3. "Sustainable waste and hazardous chemicals management "of Strategic Goal 4" environmental safety and balanced environmental management " of the Donetsk Region Development Strategy for the period up to 2027.
Study of the problem that will be solved as part of the project implementation	The implementation of the project makes it possible to solve a number of problems related to the growing cost of energy, environmental pollution, and the constant increase in tariffs for housing and communal services. As a result of the project implementation: - outpatient clinic will be provided with cheap electricity; - electricity bills will be reduced; - budget savings will be reached; - autonomous power supply and energy independence will be reached; - profit from the "green tariff" will be earned
The estimated cost of the project amounts to	1800,0 thousand UAH
Project Implementation Arrangement	Joint venture on the terms of Public-Private Partnership or attracting financial support in the form of a grant

Key financial indicators of the project implementation	<b>Key financial indicators of the project implementation</b>			
	<u>Index</u>	<u>Unit</u>	<u>Value</u>	
	Capital expenditures	CAPEX	thousand EUR	67 701
	Accumulated cash flow for 10 years	NCF	thousand EUR	-12,294
	Net present value	NPV (d.rate 5%)	thousand EUR	47 945
	Project payback period (with discounting)	NPV (d.rate 5%)	Years	10.00
Project implementation term	12 months			
Indicative funding sources to finance the project	Investor funds, grant funds.			
Project Implementation Arrangement	A feasibility study of the scheme for placing PV-PS on roofs has been developed			
Interested parties and expected result of the project implementation	Interested parties: municipal non-commercial enterprise "primary health care center of Sumy City Council", Selydove City Council Roof photovoltaic power station with a capacity of 20 kW are installed. Energy independence of the enterprise is ensured.			
<b>Characteristics of an object (existing or newly created)</b>				
Location of the object	85400, Donetsk region, Selydove city Tsentralna street, 108			
Description of existing objects or those that are proposed to be created as part of the project implementation	Placement of PV-PS on the building of a health care institution, namely on the roof of the family health-care outpatient clinic No. 2 (area-300.0 m <sup>2</sup> )			
Form of property	communal property.			
Related infrastructure	The institution is provided with all necessary communications. Access to electricity distribution systems is determined by the technical conditions of DTEK Donetskoblennerho JSC			
Land area, hectare				
Land plot status	The land plot under the building is in permanent use of municipal non-commercial enterprise "Central City Hospital of the Selydove City Council"			
Levelling of land	-			

**Contact Data:**

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**Reconstruction of the power supply system of the building of municipal non-commercial enterprise Selydove Central City Hospital, at the address: Donetsk region. Selydove city Moskovska, 43, by installing a roof photovoltaic power station (PV-PS)**

Project description	
Project initiator	Selydove City Council
The essence of the project	<p>This project involves construction of a grid-connected solar power plant in order to sell the generated electric energy at a "green tariff" on the electricity market. Placement of the PV-PS on the roof of the building of municipal non-commercial enterprise" Central City Hospital of Selydove "(Area-1000.0 m<sup>2</sup>).</p> <p>The approximate connection power is 70 kW. Part of the generated electricity will be used for own needs, and the excess energy is supposed to be sold at a "green tariff»</p>
Project goal	Transition to renewable types of energy, improvement of the socio-economic situation in the community, infrastructure development, acceleration in investment activities and budget savings
Compliance with strategic documents and assignation of priorities	<p>The project goals correspond to:</p> <ul style="list-style-type: none"> <li>- Sustainable Development Goals of Ukraine for the period up to 2030 (paragraph 2), approved by decree of the president of Ukraine "on Sustainable Development Goals of Ukraine for the period up to 2030" dated September 30, 2019 No. 722/2019.</li> <li>- Energy strategy of Ukraine for the period up to 2035 "safety, energy efficiency, competitiveness".</li> <li>- Task 4.3.2. "Alternative energy development" operational goal 4.3. "Sustainable waste and hazardous chemicals management "of Strategic Goal 4" environmental safety and balanced environmental management " of the Donetsk Region Development Strategy for the period up to 2027.</li> </ul>
Study of the problem that will be solved as part of the project implementation	<p>The implementation of the project makes it possible to solve a number of problems related to the growing cost of energy, environmental pollution, and the constant increase in tariffs for housing and communal services.</p> <p>As a result of the project implementation:</p> <ul style="list-style-type: none"> <li>- outpatient clinic will be provided with cheap electricity;</li> <li>- electricity bills will be reduced;</li> <li>- budget savings will be reached;</li> <li>- autonomous power supply and energy independence will be reached;</li> <li>- profit from the "green tariff" will be earned</li> </ul>
The estimated cost of the project amounts to	2100,0 thousand UAH
Project Implementation Arrangement	Joint venture on the terms of Public-Private Partnership or attracting financial support in the form of a grant

Key financial indicators of the project implementation	<b>Key financial indicators of the project implementation</b>			
	<i>Index</i>	<i>Unit</i>		<i>Value</i>
	Capital expenditures	CAPEX	thousand EUR	67 701
	Accumulated cash flow for 10 years	NCF	thousand EUR	-12,294
	Net present value	NPV (d.rate 5%)	thousand EUR	47 945
Project payback period (with discounting)	NPV (d.rate 5%)	Years	10.00	
Project implementation term	12 months			
Indicative funding sources to finance the project	Investor funds, grant funds.			
Project Implementation Arrangement	A feasibility study of the scheme for placing PV-PS on roofs has been developed			
Interested parties and expected result of the project implementation	Interested parties: municipal non-commercial enterprise "Selydove central city hospital Selydove City Council", Selydove City Council Roof photovoltaic power station with a capacity of 20 kW are installed. Energy independence of the enterprise is ensured.			
<b>Characteristics of an object (existing or newly created)</b>				
Location of the object	85400, Donetsk region, Selydove city 43 Moskovskaya street			
Description of existing objects or those that are proposed to be created as part of the project implementation	Placement of the PV-PS on the roof of the building of municipal non-commercial enterprise" Central City Hospital of Selydove "(Area-1000.0 m <sup>2</sup> ).			
Form of property	communal property.			
Related infrastructure	The institution is provided with all necessary communications. Access to electricity distribution systems is determined by the technical conditions of DTEK Donetskoblennerho JSC			
Land area, hectare	-			
Land plot status	The land plot under the building is in permanent use of municipal non-commercial enterprise "Central City Hospital of the Selydove City Council"			
Levelling of land	-			

**Contact Data:**

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