Solarizing hospitals in Ukraine

Join us in bringing clean, reliable energy to those who need it most.

Solar for Ukraine – a **successful** initiative by Greenpeace and the Biohaus-Stiftung

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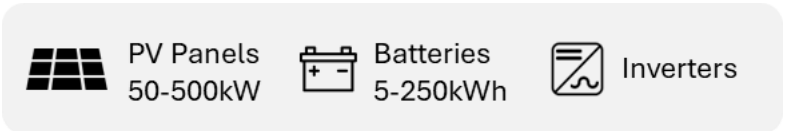
The "Solar for Ukraine" initiative, launched by Greenpeace Ukraine in December 2024, supports the green transformation of Ukraine's critical healthcare infrastructure. The goal is to install solar power systems in hospitals across the country. While strengthening energy independence and securing reliable electricity for life-saving surgeries and cooling, each donation becomes a multiplier for Ukraine's green future. In partnership with Biohaus, ten hospitals have already been equipped with solar power systems within just one year — a strong proof of concept for scaling up.

Why it matters: Solar PV & Storage in Ukraine - A Vital and Visionary Investment

- Ukraine faces urgent energy challenges; solar offers a **resilient, decentralized solution – now (!)**.
- **It is a matter of life and death**. Ukraine has lost 70% of its energy production capacities. Hospitals faced up to **20 hours of outages per day** in the past, impacting surgeries, cooling & life-saving equipment, while diesel generators struggle to meet demand.
- Equipping one hospital means **empowering an entire community** — improving healthcare for thousands while **inspiring others to follow the path** toward a cleaner and more resilient future.
- **It is economically self-evident**. Ukraine's vast solar potential remains underused due to the war - making it one of Europe's most promising future solar markets.

Call to action: Every contribution makes a difference.

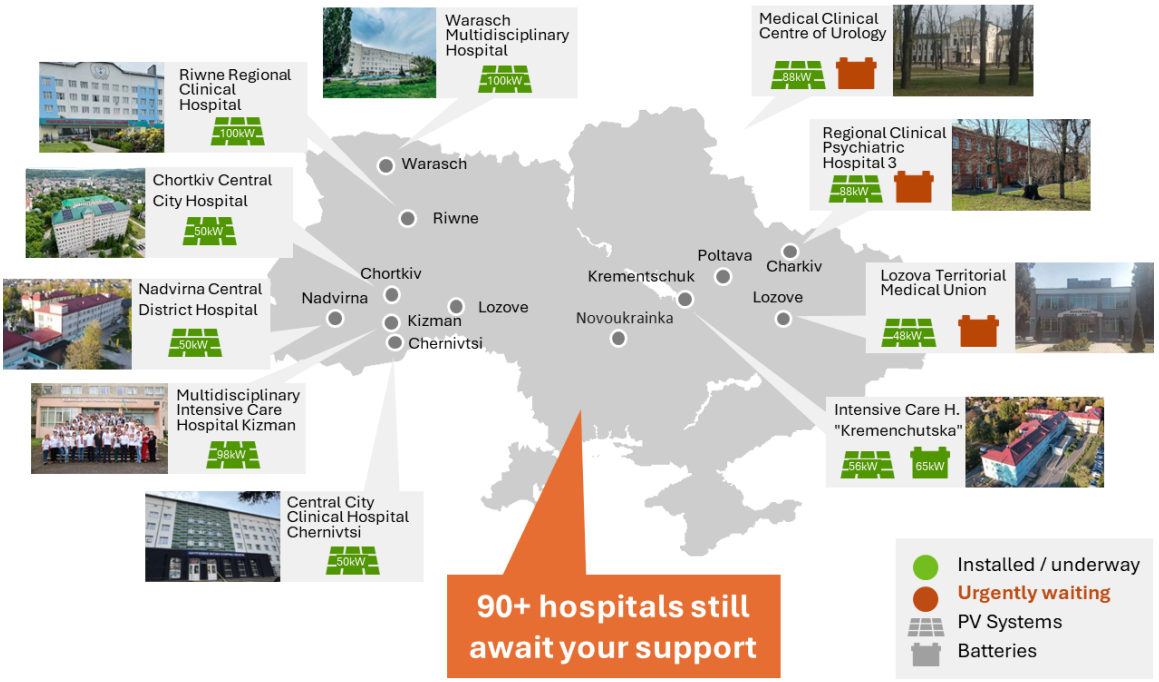
Greenpeace Ukraine is calling for donations. We welcome new (!):



10 hospitals equipped, over 90 still await your support

More than 100 hospitals, representing about half of all cluster and supercluster hospitals in Ukraine, submitted detailed requests to our programme and are awaiting support.

The first ten hospitals have already been equipped with solar systems. Regions most affected by blackouts are being provided with battery-based systems. Greenpeace Ukraine oversees the selection process and maintains close contact with the hospitals in Ukraine, while Biohaus-Stiftung ensures the smooth delivery of materials – taking care of technical solution, documentation, and transport logistics.



Become a named supporter of one hospital — and share its story

Your funding brings clean, reliable power to a critical healthcare facility and demonstrates your organization's commitment to sustainable impact and Ukraine's recovery.

Contact

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Solar for Survival: Choose the Hospital You'll Empower

Solar energy systems with battery backup can provide reliable, life-saving power — but they need your support. **10 hospitals already have sponsors; more than 90 others are still waiting for you**!

1 Central City Clinical Hospital, Chernivtsi

City: Chernivtsi
Patients p.a.: 272,000
Energy Demand: 58,903 kWh/a

Solar Projects: Feasibility study completed, MoU with Ecoclub NGO

Description: Serves vulnerable groups and displaced persons; only institution offering psychological support with treatment.

2 Intensive Care Hospital "Kremenchutska"

City: Krementschuk
Patients p.a.: Not specified
Energy Demand: 250,177 kWh/a

Solar Projects: Previous cooperation with Greenpeace on solar delivery

Description: Key surgical center, strong solar experience, located in Poltava Oblast near the Dnipro River. Solar Project through "Repower Ukraine"

3 Chortkiv Central City Hospital

City: Chortkiv
Patients p.a.: 190,000
Energy Demand: 40,905 kWh/a

Solar Projects: "Solar Chortkiv" city program; 8 municipal solar stations already installed

Description: Needs solar backup for maternity ward, boiler, and water supply; strong municipal solar commitment.

4 Nadvirna Central District Hospital

City: Nadvirna
Patients p.a.: 80,000
Energy Demand: 366,609 kWh/a

Solar Projects: Roof inspection for solar station underway

Description: Located in a safer western region, suffers from blackouts due to attacks on nearby thermal power plant.

5 Warasch Multidisciplinary Hospital

City: Warasch
Patients p.a.: 160,000
Energy Demand: 48,000 kWh/a

Solar Projects: As part of the "Renewables for Resilient Ukraine (R2U) Project", a feasibility study was prepared.

Description: Key regional healthcare facility in northwestern Ukraine, providing all essential medical services

6 Riwne Regional Clinical Hospital

City: Riwne
Patients p.a.: 140,000
Energy Demand: 2,493,511 kWh/a

Solar Projects: Do not have experience with solar yet, but want to go green for energy security, efficiency, and climate friendly.

Description: Major multidisciplinary centre with advanced tech in surgery, pediatrics, cardiology, neurology & emergency care

7 Regional Clinical Psychiatric Hospital

City: Kharkivska
Patients p.a.: 795,74
Energy Demand: 10,721 kWh/a

Solar Projects: They already have inverters and batteries

Description: The only institution in the Kharkiv region that provides medical care, including highly specialized care, to patients with mental and behavioral disorders.

8 Kitsman Multidisciplinary Intensive Care Hospital

City: Chernivtsi
Patients p.a.: 877,125
Energy Demand: 104,634 kWh/a

Solar Projects: Concluded a 10-year energy service contract with ARCHBUD.CONSULTING LLC

9 Lozova Territorial Medical Union

City: Kharkivska
Patients p.a.: 385,279
Energy Demand: 9,02 kWh/a

Solar Projects: Solar Energy System of 37 kW already installed. There is experience with installers.

Description:

10 Regional Medical Clinical Centre of Urology and Nephrology n.a. V.I.Shapoval

City: Kharkivska
Patients p.a.: 486,76
Energy Demand: 10 kWh/a

Solar Projects: Highly interested, but no experience so far.

Description: The hospital specializes in kidney diseases and conducts 6 thousand operations per year.

Hospital Selection Process & Criteria

The selection was based on hospital type, local sustainability efforts and vulnerability to energy disruptions. The first 10 hospitals were selected as first priority under the following criteria:

- Locations with high risk of energy disruption
- Cluster and supercluster hospitals only
- Municipality's commitment to sustainability

The demand is high, in total 104 hospitals from 19 regions (out of 267 eligible) submitted 135 applications. Over 11.29 million patients are treated annually in the 104 hospitals that applied.

Critical questions

* Why rebuild during the war?

- You can't pause healthcare in wartime, hospitals must operate, even under fire.
- Lives depend on immediate resilience, power outages in hospitals cost lives; waiting is not an option.
- Rebuilding now reduces long-term damage, each upgrade today cuts future recovery costs and downtime.
- Green recovery starts now, using solar today embeds renewables in minds and systems, securing a stronger role for green energy in Ukraine's reconstruction.
- Financial contributions accelerate installation and ensure long-term reliability of these systems.

** Why not Diesel Generators?

- Instant power: Batteries respond immediately during outages - no delay.
- Fuel-independent: No reliance on risky, expensive fuel deliveries in a country at war.
- Low running costs: No fuel needed, minimal maintenance, and long service life – especially important in regions with frequent blackouts
- Clean & quiet: Zero emissions and silent operation - ideal for hospitals and patient environments.
- Future-proof: Supports Ukraine's green recovery and aligns with global climate goals.

*** What about other initiatives like “Ray of Hope” or “Repower Ukraine”?

Every Initiative Counts:

- “Ray of Hope,” “Repower Ukraine” and others are vital pieces of a larger puzzle.
- All initiatives working towards energy resilience are complementary, not competing.
- Every solar panel, every battery, every installation matters - especially in wartime.

What Makes the Greenpeace & Biohaus initiative unique:

- Professional, fast implementation with grid-connected solar systems where possible.
- Focus on battery-based solar systems for uninterrupted healthcare in blackouts.
- Fast, hands-on approach, easy to join: hospitals pre-selected, logistics secured & implementation ready to scale.
- Builds on Biohaus-Stiftung’s & Greenpeace’s long-standing humanitarian energy experience (several solar PV already installed in Ukraine)
- In collaboration with municipalities and hospital leadership — deeply rooted in local needs.