

Anthem Award Supporting Information

GIVE POWER AND HOPE

During the autumn and winter months, the Russian Armed Forces carried out precision strikes on critical infrastructure within Ukraine, resulting in one of the worst humanitarian disasters since the beginning of the full-scale invasion. Millions of innocent Ukrainian women, children and elderly were left without water, heat and electricity during the coldest months of the year.

In anticipation of these attacks, Friends of Be an Angel launched a pre-emptive response by forming a coalition of 42 organizations, charities and donors to provide 1,715 generators to the Ukrainian people at the lowest possible cost.



EXECUTIVE SUMMARY

In response to the attacks on critical Ukrainian electrical power infrastructure, 1,715 generators totaling a market value of 2.4 million USD have been provided to Ukrainian hospitals, refugee centers, rescue and security operation centers, fire departments and relief stations. In total, over 8,017 kW of energy are being provided for life-critical infrastructure by powering lights, medical, and heating devices.










This project was initiated in August 2022 in anticipation of the energy crisis in the winter months. Friends of Be an Angel formed a coalition of 42 NGOs, charities and donors to work together to be able to obtain high-quality generators at wholesale prices. In late September, the critical infrastructures in Ukraine were attacked. Hospitals, refugee

centers and homes lost power, heating and access to water overnight. This resulted in a dire need for non-grid energy sources such as generators, causing an insatiable influx in demand, shortages, and driving the prices of generators to unaffordable levels for Ukrainians who are already struggling in the deteriorating, war-torn economy.





In total, over 150 hospitals and clinics, 80 warming stations, 478 refugee centers, 231 community centers and religious institutions, 238 disadvantaged families with disabilities and medical needs requiring power, 15 orphanages and 34 schools were given generators to continue their life-sustaining operation. The remaining generators were distributed to frontline medics and rescue operations. An estimated total of **20,475 people** have been directly helped within the first week of this project.

	x1192	2.5 kW generators
	x14	8.0 kW generators
	x223	8.5 kW generators
	x72	8.2 kW diesel silent generators
	x20	11 kW generators
	x152	12 kW generators
	x20	14 kW generators
	x76	17 kW generators
	x1	40 kW generators

1715 = \$2.4 million
generators in market value

Distributed to:

- 489** Frontline rescue operations
- 478** Refugee centers
- 238** Disadvantaged families
- 215** Community centers



INTRODUCTION

WHO WE ARE

Be an Angel was founded in 2015 in response to the Syrian, Afghan and Iraqi refugee crisis in Germany. It started simple, by opening the doors to our apartments and providing refugees who had nowhere to stay a place to sleep. We waited in line with people from three in the morning to get them registration documents. We went to courts to pressure the authorities with urgent applications to give the people what they were entitled to -- food, access to medicine, and a bed to sleep in. Since those humble beginnings, we have aided thousands of refugees who have arrived in Germany and continue to do so today.

When the Russian invasion of Ukraine began, our focus became concentrated on providing relief for the humanitarian crisis. We immediately jumped into action and by March 4th we were in Mykolaiv picking up the first bus of refugees.

Since then, we have grown rapidly to accommodate for this great challenge of helping the Ukrainian people. We joined forces with our U.S. counterpart Friends of Be an Angel and the Ukrainian organization Women's For Future. Together, we evacuate Ukrainians, especially the vulnerable—children, elderly, disabled & seriously ill. The partnership also delivers direct aid to Ukraine including food, clean water, medical equipment, supplies and medications, clothing, blankets and more—all the way to the front lines. Friends of Be an Angel was set up to give American individuals, foundations & companies the opportunity to support this extraordinary rescue and aid work on the ground in Ukraine during the Russian-led war and occupation. We have opened an office in Moldova and Odesa to facilitate the administration of evacuation and influx of humanitarian aid.

We invite you to join our efforts. Together we are stronger. Together we can help more people. Together we can be Angels.



Civilian evacuation in Mykolaiv



We are active in Ukraine since

MARCH 4th

and have since opened an office in the USA,
Moldova, Odessa and Lviv

**Over 18,150
civilians evacuated**

and counting! We provide evacuations for able-bodied civilians by bus. For those too old, vulnerable and ill, we provide medical evacuations by ambulance and special ambulance aircraft. Furthermore, we provide them with adequate accomodation during the trip and upon arrival.

4,900 tons of aid

have been organized and delivered by our teams across the globe. Our humanitarian relief ranges from surgical equipment to food to clothing. Our network allows us to provide a wide range of life-saving equipment and safe delivery to any region in Ukraine.

**44 million
euros of aid**

have been provided so far. This was made possible by donations and cooperations. Relief supplies donated include medicines, medical equipment, ambulances, baby formula, clothing and more.

**1+ billion liters of
clean water**

have been delivered in the form of purification systems for regions most affected by the strategic destruction of Ukraine's water supply.

**70 collaborations
in 10 countries**

The official partner of Be an Angel is the
Congress of Ukraine in Moldova.



PROBLEM STATEMENT

ATTEMPTING TO BREAK THE SPIRIT AND WILL OF THE UKRAINIAN PEOPLE

On February 24th, 2022, the Russian Federation launched a full-scale invasion onto the territory of Ukraine, resulting in the greatest humanitarian crisis in Europe since the Second World War. More than eight million people have become internally displaced because their homes were destroyed or captured in occupied territories.^[1] Moreover, the Russian invasion has disrupted and destroyed central critical infrastructure and supply chains for the distribution of vital goods for the Ukrainian population, including winter clothes, generators, medicine and sanitation products. These effects have created significant economic hardships for the people of Ukraine, who were already struggling from a global economic downturn.

On the 14th of September 2022, Russia launched a massive barrage of eight cruise missiles onto electrical substations and equipment in the Region of Kryvyi Rih.^[2] This marked the first of a series of precision strikes on critical infrastructure all around the country. Shortly thereafter, on the 10th of October 2022, Russia launched a wave of 84 cruise missiles and 24 suicide drones, signifying an increase in intensity. The attacks continued almost daily.^[3]

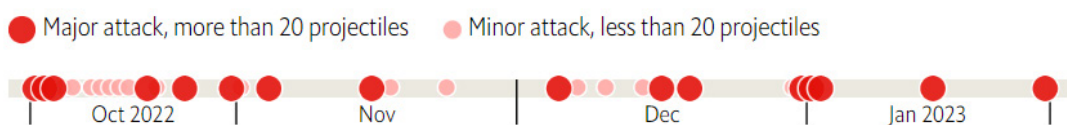
By the 23rd of November, nearly half of Ukraine's power grid was disabled and more than half of the civilian population was left without electricity or heating.^[4] The Russian Federation continued these relentless attacks to deprive the innocent civilian population of heat and power in an attempt to defeat their spirit, morale and will to protect themselves. Hospitals, refugee centers and homes lost power, heating and access to water overnight. Many were injured and lost their lives, millions were left in economic hardship and out in the cold, resulting in one of the most difficult humanitarian situations of this war.

To further exacerbate the crisis, inflation was at an all-time high in many countries within the European Union. Thousands were scrambling and rushing to purchase generators and other auxiliary power solutions in an attempt to mitigate the crisis. This resulted in an insatiable influx in demand and shortages, driving the prices of generators to unaffordable levels for Ukrainians who were already struggling in the deteriorating, war-torn economy. Millions of Ukrainians were left with nothing and were struggling severely to survive in the harsh winter months.

It is estimated that between the September 2022 and January 2023, the Russian Armed Forces launched over 600 missiles and 700 suicide drones.

Russian missile and drone attacks on Ukrainian civilian infrastructure

Oct 10th 2022–Jan 26th 2023



Sources: Air force command of the Ukrainian armed forces; Ukrainian national security and defence council

^[1] UNCHR Operational Data Portal, <https://data2.unhcr.org/en/situations/ukraine>

^[2] CSIS Report, https://csis-website-prod.s3.amazonaws.com/s3fs-public/2023-05/230505_Williams_Putin_Missile.pdf?VersionId=0rahER.P81oo5ispb8.UGcT_90DmLoSb

^[3] Al Jazeera News, <https://www.aljazeera.com/news/2022/10/10/explosions-rock-ukraine-capital-kyiv-in-apparent-missile-strikes>

^[4] BBC News, <https://www.bbc.com/news/world-europe-63681401>



SOLUTION



GOALS & OBJECTIVES OVERVIEW

The objective of the campaign was to provide hundreds of locations and thousands of Ukrainians suffering from missile attacks on critical infrastructure with auxiliary power options in the form of generators as fast as possible. Due to the harsh winter conditions, speed and quantity was of the essence. In order to achieve this, a coalition of NGOs and organizations was formed to expedite this process. The objectives and goals of the coalition are listed in detail below:

1. To react timely to developments on the ground, the goal of the coalition was to raise the funds quickly enough to provide immediate power sources for the winter months. Within this objective, a further goal was to provide as many generators as possible by minimizing costs.
2. Allow for partnerships and cooperations within the coalition to help each other build an extensive distribution network within Ukraine. Many charities and NGO within the coalition work in specific regions and focus areas, thereby allowing this coalition to pinpoint the most high-need locations and providing greater impact and effectiveness within a short time frame for distribution and logistics.
3. To coordinate efforts and stand in solidarity without wasting precious time and resources. The aim was to provide an avenue for timely acquisition of generators so that other organizations do not have to expend resources
4. To unite charities and organizations of all sizes to empower them to continue working collaboratively during the time when unity can make a difference between life and death. to go through that same time-intensive and costly process of research and implementation.





IMPLEMENTATION STRATEGY

CREATING A COALITION OF ORGANIZATIONS AND DONORS TO RAISE FUNDS FOR LARGE QUANTITIES OF GENERATORS FOR UKRAINE

Friends of Be an Angel anticipated that the Russian Armed Forces would utilize the cold winter months to their advantage and cause a humanitarian crisis by striking critical infrastructure. Already in August of 2022, we began developing a strategy to build a coalition of organizations, charities and donors to provide large quantities of generators at the lowest available cost.

A timeline of our implementation strategy is outlined below:

1. Needs Assessment, Analysis and Strategic Response Planning

Based on research conducted by our ground teams, nine different sizes and outputs at various quantities would be needed. These output sizes include 2.5 kW, 8.0 kW, 8.2 kW, 8.5 kW, 11 kW, 12 kW, 14 kW, 17 kW and 40 kW generators. Generators with five different max outputs were selected to provide a wider range of use cases. The smallest unit weighs only 44 kg and can be transported by hand quickly to high-risk locations by medics and first responders. The 8.5 kW units provide larger outputs for less mobile support infrastructure such as field hospitals, aid stations and warming stations. The 12 kW, 14 kW, 17 kW and 40 kW units were distributed to stationary medical infrastructure such as hospitals and clinics. These larger units are outfitted with high quality copper coils and voltage regulators, allowing them to generate pure sine-wave electricity flows. This is a necessity for sensitive medical electronics such as cardiograms, since impure sine-waves can result in damage or incorrect data transmission in signal readings. The 8.2 kW units were selected for their diesel fuel type, which is the most accessible fuel source in frontline regions, and sound dampening function. Reduced sound transmission is crucial in keeping a low sound profile, both for safety and comfort reasons, as they are being used in refugee shelters and field hospitals where civilians and medical patients in close proximity are resting.

2. Sourcing of Generators

Due to the high inflation costs, limited supply of generators in the EU market and already growing demand for generators prior to autumn, it became quickly apparent that purchasing generators at EU market prices wouldn't be efficient or affordable. The decision was made to identify manufacturers of generators and close a deal with them in order to minimize costs and produce generators to our specifications. After extensive negotiations and research, a pre-order of 1,715 generators was made with two different manufacturers. These units could then be purchased and provided to the coalition for the cost of manufacture of each unit, thereby circumventing the spikes in market prices found on the EU market. This cost saving strategy would allow the coalition to provide a great number of high quality generators for the fraction of the cost.



IMPLEMENTATION STRATEGY

CREATING A COALITION OF ORGANIZATIONS AND DONORS TO PROVIDE LARGE QUANTITIES OF GENERATORS TO UKRAINE

3. Forming the Coalition

While these units were being produced, Friends of Be an Angel used that time to finalize the coalition of NGOs and raise the funds. Dozens of organizations, charities and potential donors were contacted individually and offered to join this coalition to acquire generators at low manufacturing costs. In addition, cooperation agreements were met with large scale organizations such as Rotary Club International which provided donations and funding to the coalition. A focus was placed on inviting local charities and partners within Ukraine, since these charities were struggling the most economically. In total, 42 organizations, donors and charities joined the coalition to give power and hope to the Ukrainian people. A full list can be found on the page 13.

4. Delivery and Distribution Implementation and Monitoring

By the end of January, the first shipment arrived, followed shortly after by the remaining containers. In total, over 8 containers of generators arrived to our distribution warehouse in L'viv. Coalition members were notified weekly of the status of the shipments and were contacted again shortly before their arrival. Upon arrival, a timetable of logistical overview was established and distribution commenced. Each coalition member works in specific regions of Ukraine with different use cases, allowing for a vast distribution network in virtually every region of Ukraine. By the end of April, the final shipments had left the warehouse and distribution was concluded. A full overview of distribution locations and impact can be seen on page 14.

5. Documentation, Operational Overview and Evaluation

The documentation process was conducted throughout all stages. Signatures, documents, photographic evidence and lists were compiled in the form of bills of lading, customs documents for import/export, inventory protocols and acceptance with the receiving parties. These are stamped and signed by distributors and recipients and stored safely and appropriately in accordance with international and Ukrainian laws. Together with photographs/videos of the humanitarian aid arrival, storage, and delivery, these documents serve as proof of COC and distribution.



TR POWER
Gasoline Generator
Model No.: GG15000ET
QTY: 1 PCS
N.W.: 251 kg
G.W.: 276 kg
Meas: 905x825x715mm

WI
PROFESSIONAL
GENERATOR
KEY
STARTER
DW8: 00W

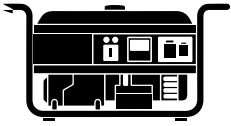
TR POWER
Gasoline Generator
Model No.: GG23000ET
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IMPACT ASSESSMENT



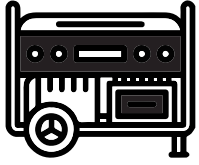
List of Organizations and Charities within the Coalition

- | | | |
|--|---|--|
| 1019.ch | Federation of Jewish Communities of Ukraine | Rotary Club International |
| Agir Ensemble pour L'Ukraine | GNL Group | Rotary Club Lviv - Leopoldis |
| American Friends of Anatevka | Historically-Cultural Center Uman | Rotary Club Milwaukee |
| Be an Angel e.V. | House of Ukraine | The Small Projects Fund |
| Be an Angel Moldova | ICF Veronius | Ukraine Freedom Project |
| Be an Angel Ukraine | Landbell Group | Ukraine TrustChain |
| Berlin to Borders | Liberty Ukraine Foundation | Ukrainian Medical Association of North America |
| Blau-Gelbes Kreuz Deutsch-Ukrainischer Verein e.V. | LNOB Civilfleet Support e.V | Vadym Melnychenko Foundation |
| Briggs & Stratton | Mountain Seed Foundation | Vilni Liudy |
| Ukrainischer Verein e.V. | Naoula Holdings Sp Zoo | White Stork Operation |
| Congregation of Sisters of St. Josaphat | Ogala Kreuzberg e.V. | Women's Movement for the Future |
| Create an Impact Charitable Foundation | Olha Samoilenko Foundation | World of Connections |
| Daar Foundation | Project Aid & Rescue | Yellow Blue Bus - Israel4Ukraine |
| Democratic Youth Initiative | Project Keshar | |
| | Protéger. Sauvegarder. Développer | |



x1192

2.5 kW
Generators



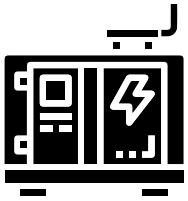
x14

8.0 kW
Generators



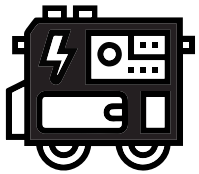
x223

8.5 kW
Generators



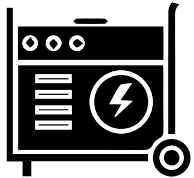
x72

8.2 kW
Diesel Silent



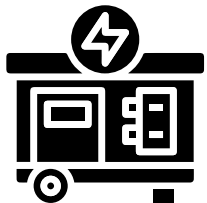
x20

11 kW
Generators



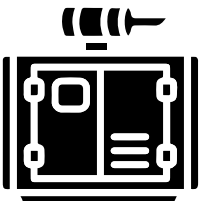
x152

12 kW
Generators



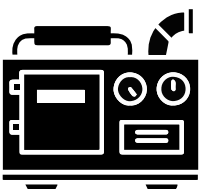
x20

14 kW
Generators



x76

17 kW
Generators



x1

40 kW
Generators

1715

Total number of Generators

\$2.4 million

Total Market Value

42 partners

Within the Coalition

20,475

Ukrainians Helped Within
the First Week

Distributed to:

- 489 Frontline rescue operations
- 478 Refugee centers
- 238 Disadvantaged families
- 218 Community centers
- 150 Medical institutions
- 80 Warming stations
- 34 Schools
- 15 Orphanages
- 13 Religious institutions



DISTRIBUTION TIMELINE

Date of Project Launch: 08-06-2022

Date of donations commenced: 12-19-2022

Date of arrival in Ukraine: 01-23-2023

Date of distribution commenced: 02-18-2023

Date of distribution concluded: 05-06-2023

General discription: Generators

Shipped via: Land & Sea

Total market value*: 2,407,062 USD

Total weight: 140,626 kg

*Total value is based off of the price from retailers with the same models

Generator Type 1: PR8500WS 2.5kw (gasoline)

Generator Type 2: B&G Gen 8 kW (gas)

Generator Type 3: GG9000CES 8.2kw (diesel)

Generator Type 4: GG11050E 8.5kw (gasoline)

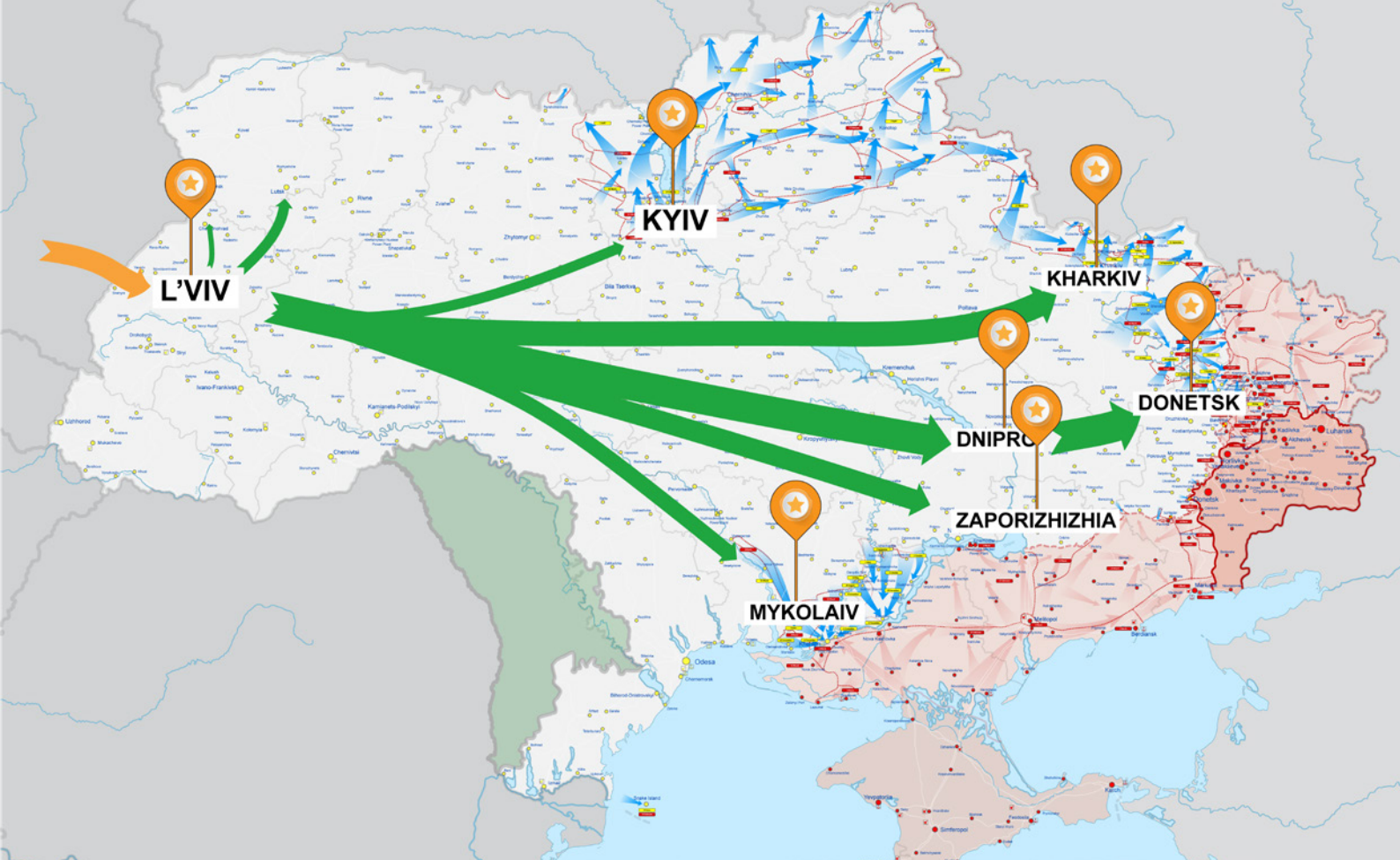
Generator Type 5: B&G Gen 11 kW (gas)

Generator Type 6: GG15000ET 12kw (gasoline)

Generator Type 7: B&G Gen 14 kW (gas)

Generator Type 8: GG23000ET 17kw (gasoline)

Generator Type 9: B&G Gen 40 kW (gas)



HUMANITARIAN AID INVENTORY AND LOCATION DISTRIBUTION

Below is a detailed table that provides information on the generators distributed throughout Ukraine. The table contains essential details about the generators, including the number of units, weight, unit costs for manufacturing, and their market value at the time of the crisis. The map above showcases the major regions where the generators were distributed to. Recipients of the generators include first responders, hospital, community centers, schools, religious centers, refugee centers and more. In particular, a focus was placed on providing auxiliary power solutions to the Donetsk region where the highest concentration of IDP movement is taking place.

Model [Max Output / Fuel Type]	Amount [units]	Weight [kg]	Total Weight [kg]	Market Value [USD]	Total Value [USD]
PR8500WS 2.5 kW (gasoline)	1192	44	6,776	800	950,400
B&G Gen 8 kW (gas)	14	150	2100	2,833	39,622
GG9000CES 8.2 kW (diesel)	72	175	2,800	2,800	201,600
GG11050E 8.5 kW (gasoline)	210	111	999	1,522	319,620
B&G Gen 11 kW (gas)	20	271	5,420	4,649	92,980
GG15000ET 12 kW (gasoline)	132	179	5,370	3,175	419,100
B&G Gen 14 kW (gas)	10	271	2710	5199	51,990
GG23000ET 17 kW (gasoline)	64	276	276	4,893	313,152
B&G Gen 40 kW (gas)	1	922	922	19430	19,430



HUMANITARIAN AID DISTRIBUTION

In total, over 150 (9.5%) hospitals and clinics , 80 (5%) warming stations, 478 (28%) refugee centers, 231 (13%) community centers and religious institutions, 238 (14%) disadvantaged families with disabilities and medical needs requiring power, 15 (1%) orphanages and 34 (2%) schools were given generators to continue their life-sustaining operation. The remaining generators were distributed to frontline medics and rescue operations. An estimated total of **20,475 people** have been directly helped within the first week of this project. As time passes, this number is expected to increase steadily as new patients come into the hospital or new displaced persons arrive at the warming stations.

Each type of generator was produced for a specific use case. The larger units were distributed primarily to hospitals and clinics and other larger, stationary need locations. There, they are providing auxiliary power for surgical equipment, ventilation equipment and monitoring equipment. The generators provided through this grant most notably reached the National Institute of Cardiovascular Surgery. This is the largest and most well-known children's cardiology hospital which provides life-saving heart surgeries for children. In addition, generators were provided to regional and hospitals in Kyiv, Lviv and Volyn. These regions, although still under risk from long-range missile and drone strikes, are regions with high concentrations of overlapping air defense capabilities and are therefore considered green zones. Many Ukrainian civilians and soldiers who are suffering from severe injuries are brought to these hospitals because of their safety and more stable power situation. There they can receive more advanced treatment which is not available in frontline hospitals. Nonetheless, the strikes on critical infrastructure were nationwide, and auxiliary power sources for these hospitals were of the utmost importance.

Throughout the energy crisis, the Emergency Services of Ukraine placed hundreds of warming stations in cities, towns and villages which were heavily affected by power outages and shortages. They were named "Points of Invincibility" by the Ukrainian President Volodymyr Zelenskyy, because they are locations where the general population can regain their strength, mood and morale to feel invincible again. These locations offered heat, warm food, clean water, a place to charge your phone, sometimes even a starlink system for Wi-Fi access. Through the expansive logistical reach of our coalition network, hundreds of our generators were distributed directly to these points. These locations gave shelter to thousands of internally displaced persons and particularly vulnerable Ukrainians in frontline regions.



HUMANITARIAN AID DISTRIBUTION

Hundreds of generators were distributed to community centers and disadvantaged families. In particular, one of our partners focused on families that required a ventilation system at home for disabled or ill family members. Through our large coalition network, they were able to rapidly find families that required electricity for life-support equipment and was able to distribute effectively to their region through this newly formed network.

Mid-sized units such as the 8 kW and 12 kW units were delivered to community and refugee centers. Once there, they served a wide range of purposes, such as powering water pumps.

"The way it works is that they hook up a generator to a water pump and that runs for a couple hours and fills the cistern. Then they move the generator and hook it up to power tools that they're using for repairs and at some point they set it up so everyone in the village can charge their devices."

- Ilya, Ukraine Trust Chain

Between powering medical equipment, lights, water pumps and any other crucial life-sustaining devices, this project has impacted thousands of Ukrainians who were facing the most brutal winters of their lives. These generators gave hope and a sense of normality for innocent children, women, disabled and elderly who are victimized from the indiscriminate attacks on Ukrainian civilian infrastructure.

"Thanks to the efforts of the Friends of Be an Angel, we managed to survive the coldest and deadliest winter of our lives, we managed to bring light where there was darkness and save the lives of those who were on the verge of death. From the bottom of my heart and the Ukrainian people, I want to thank you for your help. And may there be light and peace in the world again."

Irina Suslova

Director of the Women's Movement for the Future and Representative of the Commissioner of Children, Family, Youth and Sports

HUMANITARIAN AID

NOTABLE LOCATIONS

- Dozens of villages in the frontline regions
- Dozens of points of invincibility in the frontline regions
- Maternity Hospital in Odesa
- Field Hospitals in the Zaporizhzhya Region
- Frontline medics in Bakhmut
- State Emergency Services of Ukraine
- Assisted Living Facility Dim Milocedyia
- District Office of Kupyansk
- District Office of Lochwitz
- "Novooleksandrivska secondary school of I-III degrees - preschool educational institution" Hrodivka village council of Pokrovsk district, Donetsk region
- Dobropole secondary school No. 19
- Municipal Enterprise "Dobropole Single Customer Service"
- Illinivske institution of general secondary education
- Center for registration of homeless persons and night shelter
- Kabazov family-type orphanage
- Kramatorsk Secondary School No. 21
- Kramatorsk Secondary School of I-III levels No. 32
- Kryvyi Rih secondary school of I-III levels
- Kurakhovo institution of general secondary education of I-III levels No. 1
- Khyzhnyak family-type orphanage
- Novohrodivsk support institution of general secondary education of I-III levels No. 7
- Preschool educational institution No. 7 "Topolok"
- "Pishchanske institution of general secondary education of I-III levels"
- Kozerovsky family-type orphanage
- State University "National Institute of Cardiovascular Surgery named after MM Amosov of the National Academy of Medical Sciences of Ukraine"
- Main Military Medical Clinical Center (Central Clinical Hospital) of the State Border Service of Ukraine, Kyiv
- Volyn Hospital
- Voluntary formation of the Zaporizhzhya Territorial Community No. 3
- Lviv district, Lviv region Department of Education of the Dobrosynsko-Magerivska Village Council Dobrosynskoy Institution of General Secondary Education I-III Degrees
- Small Victories Charity fund
- Melitopol District Territorial Center for the Completion of Social Support
- Preschool Zernyatko (The Seed) Kyivska St. 243a, Brovary, Kyiv, Ukraine
- Refugee center in Nikolayv
- Refugee Center 5th perron (Soledar, Bahmut, Kupyansk)
- Private shelters handled by our volunteers and partners in Nikolayiv, Zaporizhzhya districts
- Hospital Kramatorsk
- Shelter in near-frontline zone/Bahmut
- Private shelters handled by our volunteers and partners
- Monastery near Lisichansk



FUTURE OUTLOOK

Our coalition has set a new precedent for unification of NGOs and charities within Ukraine for cheaper and efficient sourcing of humanitarian aid, but also for networking, logistics and distribution.

A unified front was formed through this coalition, giving way to continued partnerships and collaborations among dozens of different NGOs and set an example of partnership and collaboration under dire circumstances to other NGOs working in the area. A logistical network of various distribution centers from our partners within the coalition was identified and continues to be utilized to this day.






With the winter months approaching again and renewed difficulties being awaited, the coalition is already beginning the process of collaborating to provide more generators to areas in need. The first meetings have already been held in July 2023 and the coalition will begin making preparations for this coming winter.





APPENDIX

Generator Technical Specification List

Factory Model	PR8500WS (benzin)	GG11050E (benzin)	GG15000ET (benzin)	GG23000ET (benzin)	GG9000CES (diesel silent)
Picture for reference					
Generator					
Max AC Output (KW)	2.5 kW	8.5 kW	12kw-400v/11kW-230V	17kW-400v/16kW-230V	8.2 kW
Rated AC Output (KW)	2.0 kW	8 kW	11kw-400v/10kw-230V	16kW-400v/15kW-230V	7.5 kW
Rated Voltage (V)	380/230	400/230	400/230	400/230	400/230
Rated Freq. (Hz)	50	50	50	50	50
Receptacles AC	1*16A/230V 3P*230V	1*32A/230V 3P CEE+1*32A/380V+ 1*16A/230A	2*32A/230V 3P CEE+1*32A/380V+ 1*16A/230A	1*16A Schuko+ 2*32A/230V 3P CEE+1*32A/380V +1*16A/230A	1*16A Schuko+ 2*32A/230V 3P CEE
V.F.T.	Yes	Yes	Yes	Yes	Yes
Low Oil Level Stop System	No	Yes	Yes	Yes	Yes
Alternator	Copper wire	Copper wire	Copper wire	Copper wire	Copper wire
Engine					
Engine type	4-stroke OHV, air cooled, 3 phase	1 cylinder, 4-stroke, OHV, air cooled	2 cylinders, 4-stroke, OHV, air cooled	2 cylinders, 4-stroke, OHV, air cooled	1-cylinder, 4-stroke, dir. inject, air cooled
Engine model		DH457	DHT720E	DHT999E	WM1100F
Displacement (cc)		457	713	999	668
Oil Capacity (L)	0.6	1.1	1.6	2.5	2
Fuel Tank Capacity (L)	12	25	40	65	25
Starting					
Starter type	E-start with pull cable	E-start w/battery (one push start)	E-start w/battery (one push start)	E-start w/battery (one push start)	E-start w/battery (one push start)
Battery		Yes, 14Ah	Yes, 21Ah	Yes, 36Ah	
Packaging					
Wheel/handle	Yes	Yes	Yes	Yes	Yes
Weight (kg)	44	111	179	276	175
Packaging (mm)	650x450x450	690x475x485	1020x670x850	960x647x828	1160x670x930
Accessories					
Tool Kit	key	1*spark plug, wrench, funnel, key	1*spark plug, wrench, funnel, key	1*spark plug, wrench, funnel, key	1*spark plug, wrench, funnel, key
Certification					
Euro V	Yes	Yes	Yes	Yes	Yes

CHAIN OF CUSTODY: PRODUCTION



Caption: (top) assembly line for the production of the 8.2 kW diesel generators, (middle) parts assembly of an 8.5 kW generator and (bottom) one of four containers being stacked till to the door before being shipped by train to Poland.

CHAIN OF CUSTODY: RECEIVAL OF DONATION



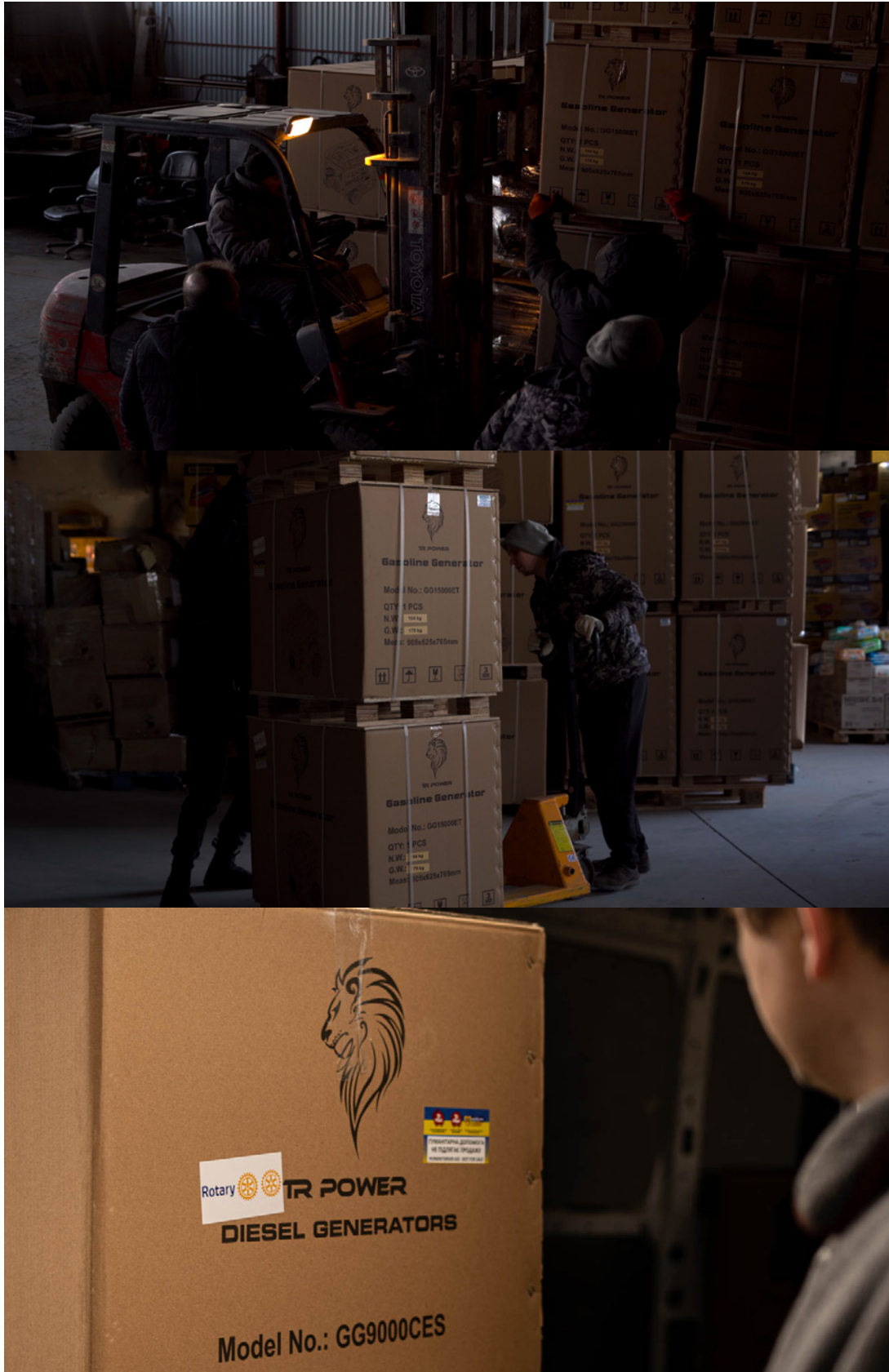
Caption: Director of Friends of Be an Angel Anya Verkhovskaya receiving the grant donation from Karen Hung, the president of the Rotary Club of Milwaukee.

CHAIN OF CUSTODY: ARRIVAL IN UKRAINE



Caption: Shipments of generators, both incoming (bottom) and outgoing (top, middle).

CHAIN OF CUSTODY: WAREHOUSE STORAGE



Caption: (top, middle) the Women’s Movement for the Future warehouse team and members of the Rotary Club of Lviv-Leopolis offloading a new arrival of generators. (Bottom) a sticker with a humanitarian aid identification tag and the Rotary and Rotary International logo on each generator being distributed.

CHAIN OF CUSTODY: WAREHOUSE STORAGE



Caption: (top) Rotary member Dr. Douglas Davis posing in front of the 2.5 kW generators holding up the logos of Friends of Be an Angel and Mountain Seed Foundation.

CHAIN OF CUSTODY: DISTRIBUTION



Caption: (top, middle) frontline medics arrive at the warehouse to pickup their generators which will be purposed near the frontline to run lights, electronics and medical equipment. (Bottom) medics pose in the snow showing they have received their generators.

CHAIN OF CUSTODY: RECEIVAL OF DONATION



Caption: (top, bottom) Mothers, fathers, grandfathers and struggling grandmothers pose with their newly arrived 2.5 kW generators. These will be used to provide power to their homes and families.

CHAIN OF CUSTODY: RECEIVAL OF DONATION



Caption: (top, bottom) volunteers pose with medics, doctors and nurses with 8.5 kW units of generators in front of a hospitals and ambulance.

CHAIN OF CUSTODY: RECEIVAL OF DONATION



Caption: (top) arrival of generators to a school in the Mykolaiv region. (Bottom) arrival of two large 17 kW generators at a hospital.

CHAIN OF CUSTODY: RECEIVAL OF DONATION







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