



**SOLAR
ENERGY
ASSOCIATION
of UKRAINE**

Solar energy association of Ukraine

CATALOG



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ABOUT SEAU

The Solar Energy Association of Ukraine (SEAU) is the largest non-profit and non-governmental solar industry association in Ukraine, founded in 2017.

Our mission

create a sustainable
and efficient solar
energy infrastructure

unite the
solar market

develop
Ukrainian solar
energy

consolidate
efforts, ideas,
and interests

The SEAU represents both Ukrainian and international companies operating in the solar energy sector.

We advocate for the interests of industrial solar power plant owners, both Ukrainian and foreign investors, companies involved in the design, construction, and maintenance of solar power plants, as well as manufacturers and importers of equipment for solar power plants.

The Association also actively protects the interests of home solar power plant owners.



HOME SOLAR SYSTEMS



One of the relevant issues that the Solar Energy Association of Ukraine deals with is the issue of supporting the development of home solar stations. Members of the Association actively build and support the development of home solar power stations in Ukraine, united by the goal of reaching 1.000.000 home solar stations by 2030.

In recent years, the solar energy sector in Ukraine has increased its capacity at a record pace. Thus, in 2020, Ukraine entered the top 5 European countries in terms of the growth rate of solar energy industry, and in general, in September 2022, there were officially about 51.5 thousand households using solar panels in Ukraine. The experience of using home power stations during military operations has highlighted the importance of decentralized local generation.

More than 1,200 MW of home small solar power stations are currently located in the territory of Ukraine free from the aggressor.

Areas of work



Legal protection and support of the interests of the Association members



Educational activities in the field of renewable energy in Ukraine



Cooperation and communication with Ukrainian and international renewable energy organisations



Economic and social support of SEAU members affected by military actions



Participation in the development and preparation of legislation on the development and regulation of renewable energy in Ukraine



Research and scientific activities in the field of solar energy



Media support for Association members in communication with specialised media and on their own information platforms



Support for charitable projects for the installation of solar power plants with battery storage at social infrastructure facilities

The SEAU works with the government, parliament, authorities, and other key energy stakeholders to ensure transparent and well-defined regulations in the energy industry. The Association actively supports the development of advanced technologies and strives to create favourable conditions for investment in solar energy projects in Ukraine.

The Solar Energy Association of Ukraine constantly monitors and analyses the market, providing up-to-date data to the companies that are already operating or seeking to enter the Ukrainian market. This data serves to improve efficiency, reduce costs, and mitigate risks.

The SEAU aims to promote the development of a strong and sustainable solar energy industry in Ukraine, to promote sustainable development and increase clean energy production. Therefore, the SEAU actively cooperates with international industry organizations, such as the International Renewable Energy Agency (IRENA), as well as with specialized solar associations, such as the Polish Photovoltaic Industry Association (SBF Polska PV) and the German Solar Association (BSW-Solar). In addition, The SEAU actively interacts with government agencies.

The SEAU is a member of European and international organizations such as the Solar Power Europe and the Global Solar Council. We are in constant contact with the Embassies of Portugal, Romania, Poland, Germany, Norway, the Netherlands and the United States.

The SEAU participated in the business Scout Fund (BSF) project "International dialogues of renewable energy associations for the global energy transition", discussed projects with NEFCO representatives and became a participant in the multilateral Memorandum of understanding and cooperation between the green energy associations of Ukraine and Germany.



Vladyslav Sokolovskyi, Chairman of the Board, and Yevhen Babak, Board Member of SEAU, met with Bram Romeyn, Secretary for Energy and Climate Affairs at the Dutch Embassy.

Committees

Committees are the main tool for achieving the goals of SEAU and implementing the initiatives of the Union's members. Today, in SEAU actively operates 8 committees that covering various areas.

Committee for Legal Support of the Solar Energy Sector

Committee of Importers and Distributors

Committee on Export Support for Goods and Services

Committee on Investment Attraction in the Solar Energy Sector

Committee for Home Solar Power plants

Committee of Installers

Committee on Electricity Markets and Implementation of Energy Storage Systems

Committee on Digitalization and Intellectual Property Protection

For 7 years of its activity, the Association has organized:



Over 300 events



Sent more than 500 letters



united over 10,000 participants

The Association employs highly qualified specialists with extensive experience in the solar energy market. They have a deep knowledge of the legislation governing the industry, and offer professional advice to interested parties.



Second Post-Mediation Meeting under the Auspices of the Energy Community



General Meeting of the SEAU Members

For Ukraine, the development of renewable energy sources is one of the key factors for ensuring energy independence and security of electricity supplies, especially in the context of Russian military aggression.

According to the existing program documents, the share of renewable energy in Ukraine in 2030 should be at least 25% in the energy balance. And by 2050, Ukraine should achieve climate neutrality.

The whole territory of the country is suitable for solar power plants.

In recent years, Ukraine has one of the highest rates of solar energy development in Europe.

In 2019, Ukraine was in the top ten countries in pace of green energy development.

In 2020, the country was in the top five European countries in pace of solar energy development. Ukraine has huge territories for the installation of solar power plants and favourable climatic conditions. The country can become one of the largest producers of solar energy in Europe.

The Institute of renewable energy of the National Academy of Sciences of Ukraine calculates the total capacity potential of all renewable energy sources in Ukraine at approximately 874 GW.

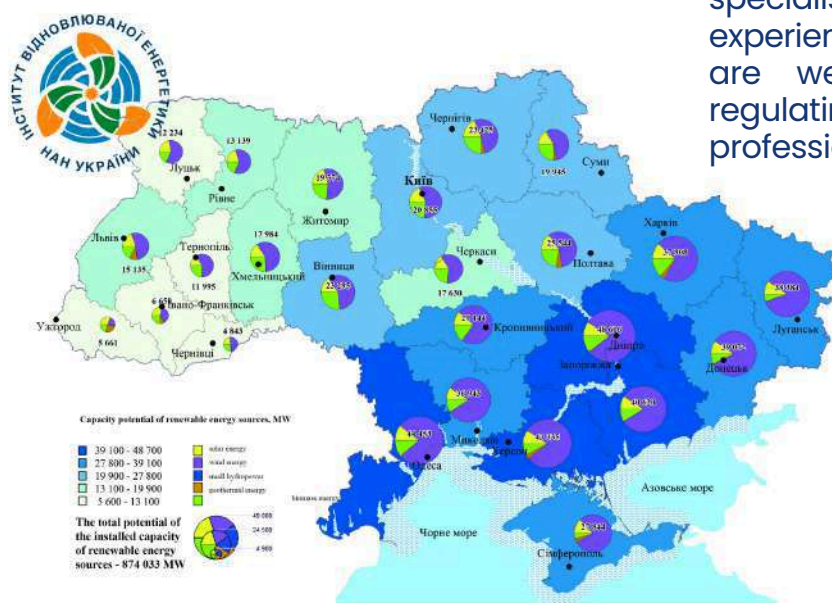
The European Commission has conducted a study of the needs for the development of the electric grid and renewable energy in Central and South-Eastern Europe. The authors evaluated the potential of renewable energy in the region, taking into account restrictions on land use. Ukraine with a total solar generation potential of **416 GW** was recognized as the absolute leader.

The potential of solar energy is three times higher than the current installed capacity of Europe.

The SEAU creates favourable conditions for foreign investors which seeking to expand their business in the Ukrainian market. The Association provides expert support and advice on legal issues, risks and other aspects of doing business in Ukraine. The SEAU constantly monitors and analyses the market.

The Association employs highly qualified specialists who have extensive experience in the solar energy market, are well versed in the legislation regulating the industry, and provide professional advice.

The SEAU also cooperates with international experts and organizations to exchange experience and knowledge in the field of solar energy.



 Capacity potential of renewable energy sources, MW

Solar recovery of Ukraine

The reconstruction of Ukraine after our victory will be accompanied by the introduction of new green technologies in the energy system. Solar energy will become the basis for restoring the Ukrainian energy system. After all, solar stations are quickly installed and are inexpensive compared to other energy sources. Ukraine also has a significant potential for the development of solar energy due to its high insolation, which exceeds the indicators of many European countries.

The energy transition of Ukraine will require not only appropriate market conditions, but also technology, financial and production facilities and timely delivery of equipment. This makes Ukraine an attractive market for investment.

As of January 2023, 6.3 GW of industrial and 1.4 GW of home solar power stations were built in Ukraine. The aggressor's invasion caused significant damage to the industry. In particular, 14% of industrial solar power plants (SPP) were destroyed. Also, more than 950 MW of installed capacity of the solar power plants is located in the occupied territories. These are 62 industrial solar power plants, excluding a significant number of home small solar power stations (with a capacity of up to 30 kW).

On the controlled territory of Ukraine is located: about 5,900 MW of industrial and about 1,200 MW of home small solar power stations, which are also suffering significant damage as a result of the fighting.

However, the capacity of solar power plants in Ukraine will be quickly restored and new ones will appear. After all, it is on solar energy that the emphasis is placed in restoring the generating capacities lost due to the war.

Despite the real challenges associated with military operations, solar energy remains a strategically important area of renewable energy development in Ukraine. Today, solar power plants have a portfolio of about 1,400 generation facilities of various capacities. Solar power plants are the most popular type of generation compared to wind, hydro and bioelectric power plants. Their number is 75% of all renewable energy facilities.

Strategic plans include a significant increase in solar generation capacity in the coming years of the country reconstruction. According to the "Energy Strategy of Ukraine", it is planned to build 94 GW of solar power plants by 2050.

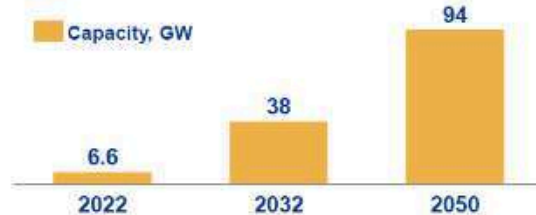
+94 GW of new facilities



\$62 bn investment

New solar power plants **+94 GW** capacity

New SPPs on territories that are flooded or contaminated due to military activities and unsuitable for economic use



According to the Energy Strategy of Ukraine, the plan is to build 94 GW of solar power stations by 2050

DEAR COLLEAGUES!

We invite your company to join the Solar Energy Association of Ukraine.



As the leading organization in the field of solar energy in Ukraine, we possess significant experience and expertise necessary for successful development in the Ukrainian market.

By joining the Association, your company will gain access to valuable information that will help you build an effective strategy in the Ukrainian solar energy market. We provide regular updates on legislative changes, market trends, and opportunities in the industry.

By becoming part of our community, you will also have the opportunity to increase your visibility and expand your network of contacts. We organize important events, conferences, and seminars where you can meet key players in the industry and establish partnerships.

Join us today and enjoy the benefits offered by the Solar Energy Association of Ukraine. Together, we can ensure sustainable development of solar energy in Ukraine and achieve mutual success.

Best regards, Solar Energy Association of Ukraine.



One of the largest solar power plants, SES Ozerne, is located in the village of Zaluzhzhya, Yavoriv district, Lviv region, with a capacity of 9.9 MW.



UKRAINIAN SOLAR POWER PLANTS




capacity of 246 MW



Nikopol Solar Power Plant is the most powerful industrial SES in Ukraine. It began operations in February 2019. Located in the Nikopol district of Dnipropetrovsk region on the site of a former quarry. The developer is DTEK.

Atmosfera – дистриб'ютор обладнання, технологій та рішень у сфері сонячної енергетики. Наразі в портфелі компанії представлено більше, ніж **25 відомих світових брендів** виробників обладнання з України, Польщі, Італії, Південної Кореї, Китаю, Литви, Туреччини, Тайваню, Нідерландів, Австрії.


Прямі поставки від виробників та наявність власних складів у логістичних центрах ЄС дозволяють постійно тримати більше 1000 позицій обладнання та забезпечувати безперервний відвантаження для наших партнерів. **Уся продукція підібрана професійними інженерами фотовольтаїчних систем, збалансована, сертифікована, із гарантією якості та продуктивності.**


 **10,000+**
клієнтів

 **330 МВт**
сумарна потужність
збудованих станцій

 **Forbes**
рейтинг NEXT 250
найбільш
перспективних
компаній України

  **United Nations
Global Compact**
Підписант
Глобального
договору ООН

 **Вибір
країни 2023**
найкраща компанія
з проектування,
будівництва та
обслуговування
сонячних
електростанцій
в Україні

 **Професійна
команда**
яка має великий
досвід роботи з
бізнес-клієнтами

Atmosfera is a distributor of solar energy equipment, technologies and solutions. Currently, the company's portfolio includes more than **25 global brands** of equipment manufacturers from Ukraine, Poland, Italy, South Korea, China, Lithuania, Turkey, Taiwan, the Netherlands, and Austria.

Direct deliveries from manufacturers and the availability of our own warehouses in EU logistics centers allow us to keep more than 1,000 items of equipment in stock and ensure uninterrupted shipments for our partners. **All products are selected by professional PV engineers, balanced, certified, with a guarantee of quality and performance.**

 **10,000+**
customers

 **330 MW**
total capacity of
completed projects

 **Forbes**
NEXT 250 most
promising
companies in
Ukraine

  **United Nations
Global Compact**
the UN Global
Compact
signatory

 **Country's
Choice2023**
the best company
for the design,
construction and
maintenance of PV
systems in Ukraine

 **A professional
team**
with extensive
experience
working with
business clients

 **Individual
approach**
to each business and
situation

Atmosfera не просто поставляє найкраще обладнання за розумними цінами, а ще і допомагає партнерам із продажем кінцевим клієнтам та обслуговуванням вже збудованих потужностей. Спеціалісти компанії мають профільну вищу освіту та широкий практичний досвід, тож допоможуть із підготовкою документації в проектних продажах, технічним наглядом, веденням та супроводом Ваших проектів.

Atmosfera does not just supply the best equipment at reasonable prices, but also help its partners with sales to end customers and maintenance of already built facilities. Atmosfera team has specialized higher education and extensive practical experience, so they will help with the preparation of project sales documentation, technical supervision, management, and support of your projects.

Завітайте на сайт компанії та дізнайтеся умови співпраці.

Visit the company's website and find out the terms of cooperation.

Станьте нашим агентом в Європі і самі вирішуйте, скільки заробляти із нами!

Become our solar angel in Europe and decide for yourself how much you can make with us!



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Your Reliable Solar Partner

Benefits of Solar Power Stations:



Reliability

Decreases the risks of sudden power supply interruptions



0.82 UAH/kWh

Reduce operational electricity expenses by **15-25%**



2-3 years

Investment payback



Eco-friendly

Enhances reputation and attractiveness to clients



Why Keyvolt?



Over 10 years

In installing solar systems



Wide Selection

Diverse options to meet every client's needs



Comprehensive Approach

Tailored solutions for your home or business



Quality Guarantee

Long-lasting and reliable equipment



Professionalism

Commitment and quality in every project



keyvolt.com.ua





SOKOLOVSKYI AND PARTNERS LAW FIRM

Legal support for energy projects since 1999

CHIEF LEGAL COUNSEL SEAU

"Sokolovskyi and Partners" is the chief legal counsel for the Solar Energy Association of Ukraine. Our attorneys provide legal assistance to the Solar Energy Association of Ukraine and its corporate members.

PROBONO LEGAL SUPPORT

Our attorneys provide legal support to all charitable projects implemented by the Association. Such projects involve the installation of solar power units with storage at critical and social infrastructure facilities in Ukraine.

LEGAL SERVICES FOR ENERGY PROJECTS:

- Due Diligence of energy investment objects
- Legal research of land plots
- Legal support for purchase and sale agreements of land plots for the construction of any energy facilities, including renewable energy facilities
- Legal support for the registration of ownership or use rights of land for the placement of energy facilities
- Legal support for the construction of energy facilities in Ukraine
- Legal support for investment in energy projects
- Legal support for M&A transactions with energy companies, including in the renewable sector
- Legal support for the acquisition and disposal of assets in the renewable energy sector
- Consulting on accounting and tax issues for companies in the energy sector
- Protection of the rights of energy companies in legal disputes in Ukraine, as well as in international arbitration courts

PRACTICES

Energy

Taxation

Corporate Law and M&A

IT/IP Practice

Litigation

Construction

Real Estate and Land Law

Public Private Partnership

Practice of Antimonopoly

KEY ATTORNEYS IN THE ENERGY PRACTICE:



Vladyslav Sokolovskyi

MANAGING PARTNER

Vladyslav has over 25 years of legal experience. He is the Chairman of the Board of the Solar Energy Association of Ukraine and is a member of the Public Council of the Ministry of Energy of Ukraine. He is recognized by Ukrainian and international rankings such as "Client's Choice. Top 100 Best Lawyers in Ukraine", "Legal Award" "Best Lawyers", "Legal 500 EMEA", "Guide of Ukrainian Law Firms", "Top 50 Leading Law Firms in Ukraine", "Market Leaders: Rating of Legal Companies of Ukraine", "Ukrainian Law Firms. A Handbook for Foreign Clients". He is also a laureate of the "Person of the Year of Ukraine" program in the category "Lawyer of the Year".



Tetiana Lysovets

SENIOR PARTNER

Tetiana has over 20 years of legal experience. She is the Vice President of the Ukrainian Bar Association. Tetiana is recognized among the best lawyers in Ukraine by rankings such as "Top 100 Best Lawyers in Ukraine. Practice Leaders", "A Handbook for Foreign Clients", "Best Lawyers", "Legal 500 EMEA", "Client's Choice. Top 100 Lawyers in Ukraine", "Market Leaders: Rating of Legal Companies of Ukraine". In 2023, Tetiana was listed among the women leaders of the legal market according to the Ukrainian Women in Law 2023 rating.



Ivan Balytskyi

PARTNER

Ivan has over 16 years of legal experience. He is the Head of the Legal Committee of the Solar Energy Association of Ukraine. Ivan specializes in asset preservation and protection for energy companies. He handles specific and complex legal cases, defending the interests of companies in the energy sector. Ivan is recognized by Ukrainian professional rankings such as "Legal Award" and Ukrainian Law Firms. A Handbook for Foreign Clients.

PROFESSIONAL ACHIEVEMENTS

Over its 25 years, "Sokolovskyi and Partners" has been recognized by various Ukrainian and international rankings:

more than
180 times



Best Lawyers



splf.ua

pravo@splf.ua

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Kyiv 03110 Ukraine



The logo for electro:ND is centered within a large blue circle. The word "electro" is in a white, lowercase sans-serif font, followed by a red dot and the letters "ND" in a white, uppercase sans-serif font. The background of the circle is a gradient of blue, and the circle itself is set against a white background with a blue horizontal bar at the top.

electro:ND

INTERNATIONAL COMPANY WITH DEVELOPMENT CENTER IN UKRAINE

A photograph showing a tall building under construction against a cloudy sky. The building's steel framework is visible, and the sky is filled with soft, white clouds.A photograph of a large array of solar panels installed on a roof. The panels are arranged in a grid pattern and are surrounded by greenery.


For Your Business

ND Group is a leading company in the production of charging stations for electric vehicles from 7 kW to 500 kW. We have more than 25 years of practical experience, have implemented more than 4000 solutions and hold 8 patents. Over the past 5 years, we have produced more than 1500 chargers for electric vehicles. Our offer includes AC 7kW-22kW and DC 30kW-500kW chargers.

PERFECT SOLUTION

Analyzing new global trends, our team has been working for several years on the development and continuous improvement of charging stations for public and home electric cars. Today we offer a modern alternative to other global manufacturers, unsurpassed in quality and price.

We offer the perfect solution for maximum customer comfort. With us, you choose the type, number of connectors and desired power of the charging stations - all depending on the location and user needs.

A close-up photograph of solar panels, showing the grid lines and the reflective surface of the panels.



The charging station

The charging station complies with EN 61851, EN 61439 standards. Small home charging stations are gaining popularity among electric vehicle owners because they take up very little space, so they can be placed in private homes. Also, such models are often installed on the territory near small offices, thereby creating comfortable charging conditions for their employees and ensuring a clean environment. We are ready to develop a unique design and manufacture charging stations specifically for your order with your logo

HEAD OFFICE

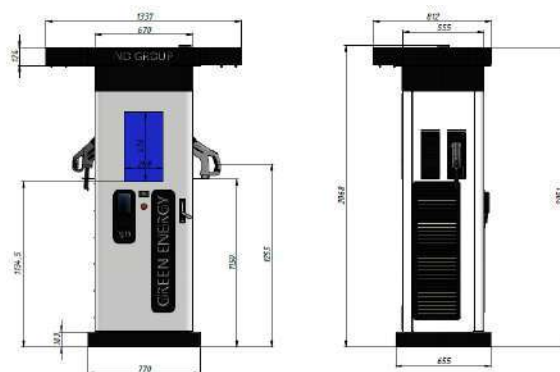
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REPRESENTATIVE OFFICES

- Mexico City, Mexico
- Jakarta, Indonesia
- Warsaw, Poland
- Montreaux, Switzerland
- Tashkent, Uzbekistan

GREEN ENERGY

The demand for green energy is growing every day, especially on longer routes and along major roads. We want to help develop the electric vehicle charging infrastructure and improve the lives of drivers. That's why ND Group has prepared a special offer of chargers. Together we can create a more interesting life!



PARTNERS OF

atmosfera

ATMOSFERA

Atmosfera is a developer of turnkey energy solutions for both home and business. They design, build, and maintain solar power plants, energy storage systems, heat pumps, and more, aiming to create a unique customer experience for consumers of sustainable decentralized energy. Currently, the company's portfolio includes over 25 well-known global brands from Ukraine, Poland, Italy, South Korea, China, Lithuania, Turkey, Taiwan, the Netherlands, and Austria. Atmosfera's mission is to develop a sustainable energy system in Ukraine through renewable energy sources.



DTEK Renewables

DTEK

DTEK Renewables is the largest Ukrainian investor in renewables projects and owns 4 wind and 3 solar power plants in Ukraine with over 1 GW of installed capacity. The company has 10+ years of deep expertise in constructing and maintaining wind and solar farms.

DTEK Renewables constructed two largest solar farms in Ukraine and Eastern Europe – Nikopolska and Pokrovska SPP. In 2023 the company restored the de-occupied Tryfonivska SPP after it's been destroyed by russia. DTEK Renewables' total constructed capacity in solar is about 500 MW. The company aims at constructing ~2GW of renewables by 2030.

THE ASSOCIATION



HUAWEI

Huawei is a leading global provider of information and communications technology (ICT) infrastructure and smart devices. With operations in over 170 countries and regions, nearly 200,000 employees, and serving approximately 3 billion people, this is Huawei today.

For 20 years, Ukraine has been part of this global ecosystem, empowering people and fostering innovation in both the private and public sectors.

Huawei strives to open up a digital world for everyone, where ever



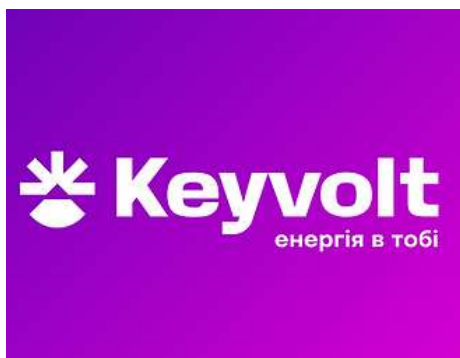
Sokolovskyi
and Partners

SOKOLOVSKYI AND PARTNERS LAW FIRM

"Sokolovsky and Partners," a law firm established in 1999, provides legal assistance to companies in the energy sector. Their professional team of lawyers offers legal support for energy projects of any complexity. "Sokolovskyi and Partners" is the main legal advisor to the Association of Solar Energy of Ukraine. The firm's attorneys also participate in charitable projects of the Association, involving the installation of solar power plants with battery storage systems at critical and social infrastructure facilities.



MEMBERS OF THE ASSOCIATION



KEYVOLT

Keyvolt – Your reliable solar partner. Keyvolt in figures:

- 7+ MW of Solar Stations across Ukraine;
- 20+ years of experience: Engineers, installers, and project managers collectively possess over 20 years of confirmed expertise.
- \$750,000+ in own investments in energy projects: Keyvolt not only constructs solar stations for clients but also invests its own funds in solar energy projects.
- 10+ years of successful international business: As part of a group of companies, Keyvolt has been running a successful business in Ukraine and worldwide since 2012, spanning various industries (IT, commercial real estate, training business, and cryptocurrencies).



EAB NEW ENERGY UKRAINE

The firm "eab new energy Ukraine" was established in early 2012 and focuses on the development, design, and implementation of renewable energy projects. The company is a subsidiary with 100% ownership by the German company eab new energy GmbH, which is part of the 3Energy Unternehmensgruppe GmbH group of firms, with a history and experience in implementing renewable energy projects for over 30 years worldwide. Among the projects completed by our group are wind and solar power plants from South America to Vietnam, including several projects in Germany itself.



SMA SOLAR TECHNOLOGY

SMA SOLAR TECHNOLOGY AG is a German provider of solar energy equipment, founded in 1981. SMA manufactures solar inverters for grid-connected photovoltaic systems, off-grid electrification, and backup operations. The company has offices in 40 countries. SMA focuses on the development and production of system technologies for photovoltaics, battery storage and energy management.



PRAVYL'NE ELEKTROZHYVLENNYA

"Pravyl'ne elektrozhivlennya has launched more than 1,000 solar power plants and over 80 solar thermal systems since 2012. Experienced specialists and the application of modern engineering technologies and solutions allow our company to efficiently install and service solar power plants and solar thermal systems for both residential and industrial use. The main mission of our team is to provide comprehensive information about "green technologies," assist in equipment selection, handle installation, commissioning, and provide service support to ensure that the client's technical requirements are met at 110%.



ZETULIA SOLAR LLC

ZETULIA SOLAR LLC. active for 7 years, specializes in alternative energy. They constructed the 9.9 MW Priozerna Ground-Based Photovoltaic Solar Power Plant operational since October 2017. Selling clean electricity at a green tariff through Energorynok. Key milestones include obtaining licenses, signing contracts, plant operation, and securing new agreements



ONG SOLAR

ONG Solar specializes in providing design and construction services for power supply systems for private homes, commercial facilities, and public and municipal institutions. We utilize renewable energy sources to ensure sustainable and efficient energy development. Our company's mission is to make renewable energy accessible and effective for every household and business. We strive to achieve this goal by offering high-quality and innovative solutions in the field of solar energy and other renewable technologies. Our team has extensive experience in the industry and is always ready to provide professional support and consultations at every stage of the project. We are confident that joint efforts will help us achieve high results and contribute to the sustainable development of our society.



ENERGY DEVELOPMENT UKRAINE LLC

ENERGY DEVELOPMENT UKRAINE LLC was established in 2016 by a consortium of Turkish companies Enisolar and Renerser to develop solar and wind energy projects in Ukraine. The company is the founder of several companies that directly undertake the development of solar and wind power plant construction projects. The company performs a full cycle of development for solar and wind energy projects, from searching and assessing promising sites to the Ready-to-Build stage. Currently, the company's portfolio includes ground-mounted and rooftop solar power plants and wind power plants with a total capacity of over 250 MW.

ФГ ОМЕЛЯНЕНКО

OMELYANENKO

The "Omelyanenko" Farm's photovoltaic ground solar power station, located in the Kirovograd region, has been a significant player in the field of renewable energy in Ukraine for over 10 years. With an installed capacity of 1.29 megawatts, this solar facility contributes to the generation of clean and sustainable electricity, positively impacting the energy landscape.

SOLAR K

SOLAR K

SOLAR K: the photovoltaic ground solar power station, located in Lubny district, Poltava region, is a significant player in the field of renewable energy. With an installed capacity of 2.033 megawatts, this solar facility contributes to the generation of clean and sustainable electricity, making a positive impact on the energy landscape.



ENERGY.UA

A leading Ukrainian company, founded in 2017 in Kyiv. "ENERGY UA" specializes in turnkey solar power plant construction: from design and installation to maintenance. The company also supplies equipment throughout Ukraine.

SOLAR SYSTEMS

Engineering company "Solar Systems" have been designing and building solar power plants for Ukrainian companies since 2016. Our company serves as a bridge between Ukrainian businesses and renewable energy. We believe that solar energy determines the direction of development of Ukrainian enterprises, and thus drives our economy forward and helps rebuild the country. We've also created the most popular Ukrainian YouTube channel about solar energy, where you can watch all the current video reviews of our projects.

10) SOLAR K: the photovoltaic ground solar power station, located in Lubny district, Poltava region, is a significant player in the field of renewable energy. With an installed capacity of 2.033 megawatts, this solar facility contributes to the generation of clean and sustainable electricity, making a positive impact on the energy landscape.



UKRAINIAN COMPANIES

ARE RELIABLE PARTNERS IN EPC-CONTRACTING

They have extensive and successful experience in implementing EPC contracts, which involve all stages of design, construction, equipment supply, commissioning and maintenance of solar power plants.

Many companies that manufacture mounting systems also act as EPC contractors. They not only produce the mounting systems but also manage all aspects of solar project construction, This includes system design, equipment procurement, installation, grid connection, and system start-up.

EPC contracts offer a comprehensive approach to solar project implementation, The companies executing such contracts possess the experience and expertise in all aspects of solar system implementation, ensuring high quality and efficiency of projects.

Moreover, EPC contracts include warranty and after-sales service. ensuring long-term operation and support of solar plants even after they are commissioned.



The solar power station was installed by the company Atmosfera, a member of the Ukrainian Solar Energy Association



The solar power station was installed by Atmosfera company on a school in the Kherson region.

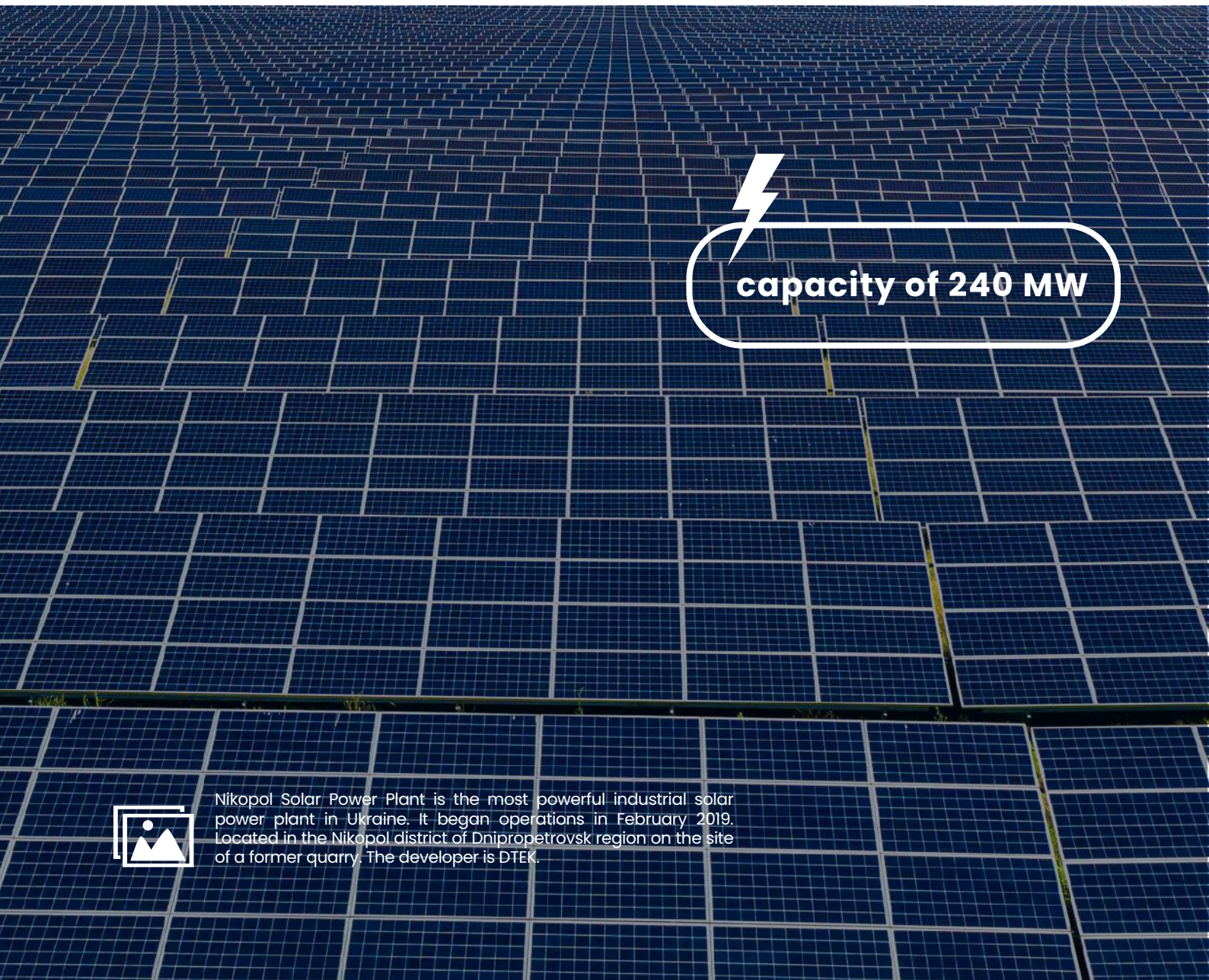
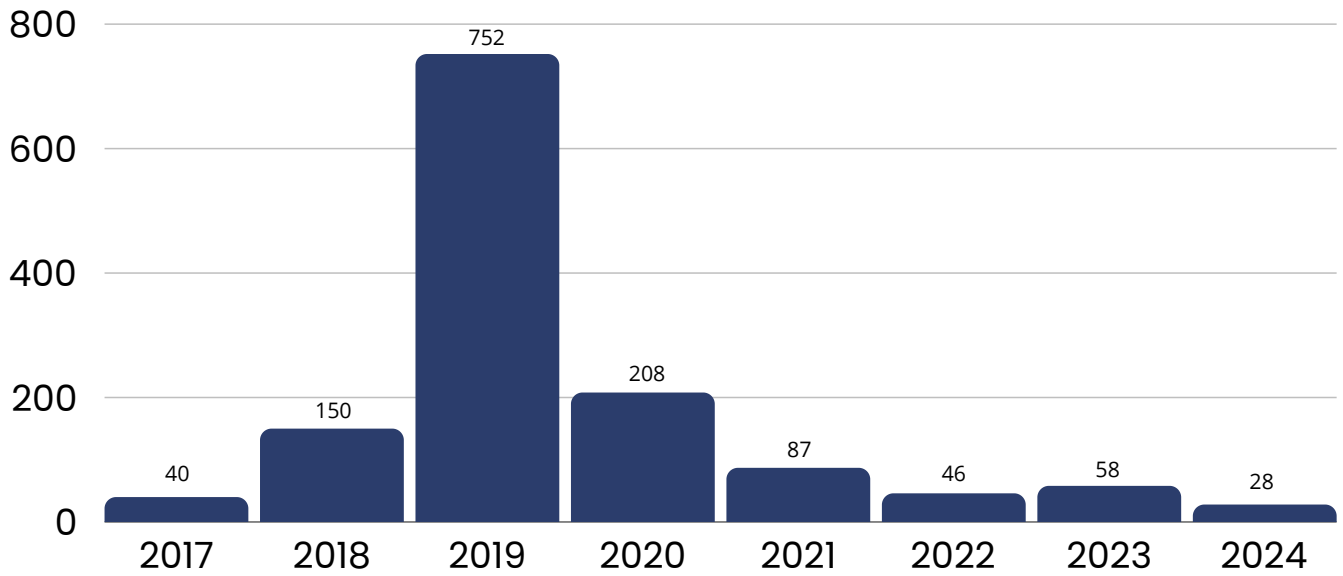
This approach to production and implementation of solar projects ensures an integrated and reliable mounting system, maximizing the performance of solar plants. Ukrainian companies, with their expertise and experience, are well-positioned to deliver successful projects and serve as reliable partners in the EPC-contracting process.




The solar power station was installed by the company Atmosfera at the Administrative Services Center.

Dynamics of launching new solar power plants during 2017–2024

(according to the licenses)



 capacity of 240 MW



Nikopol Solar Power Plant is the most powerful industrial solar power plant in Ukraine. It began operations in February 2019. Located in the Nikopol district of Dnipropetrovsk region on the site of a former quarry. The developer is DTEK.



ADVANTAGES

IN RENEWABLE ENERGY

High level of technical expertise:

Ukraine has a rich scientific potential and technical expertise in the field of solar energy. The country has a long-standing engineering tradition and a strong scientific foundation. Ukrainian companies are able to provide high quality solutions and engineering services to ensure the efficient operation of solar power plants.

Using Ukrainian resources:

Ukraine has significant reserves of raw materials required for the construction of solar power plants, such as silicon, aluminium, and other materials. This gives Ukrainian companies an advantage in access to resources and the ability to reduce production costs.

Competitive price advantage:

Ukraine benefits from low labour and resource costs. This allows Ukrainian companies to offer competitive prices for the construction of solar power plants compared to other European countries.

Geographical location:

Ukraine is strategically located for exporting solar modules to Europe. Its geographical location facilitates convenient transportation of equipment and construction materials, reducing logistics costs.



Tokmak Solar Energy, has a capacity of 50 MW.



OF INVESTING

OF UKRAINE

Innovation potential:

Ukraine has a strong potential for developing and implementing innovative solutions in the field of solar energy. Ukrainian companies can contribute their own technological developments, improvements, and approaches, allowing them to gain a competitive position in the European market.

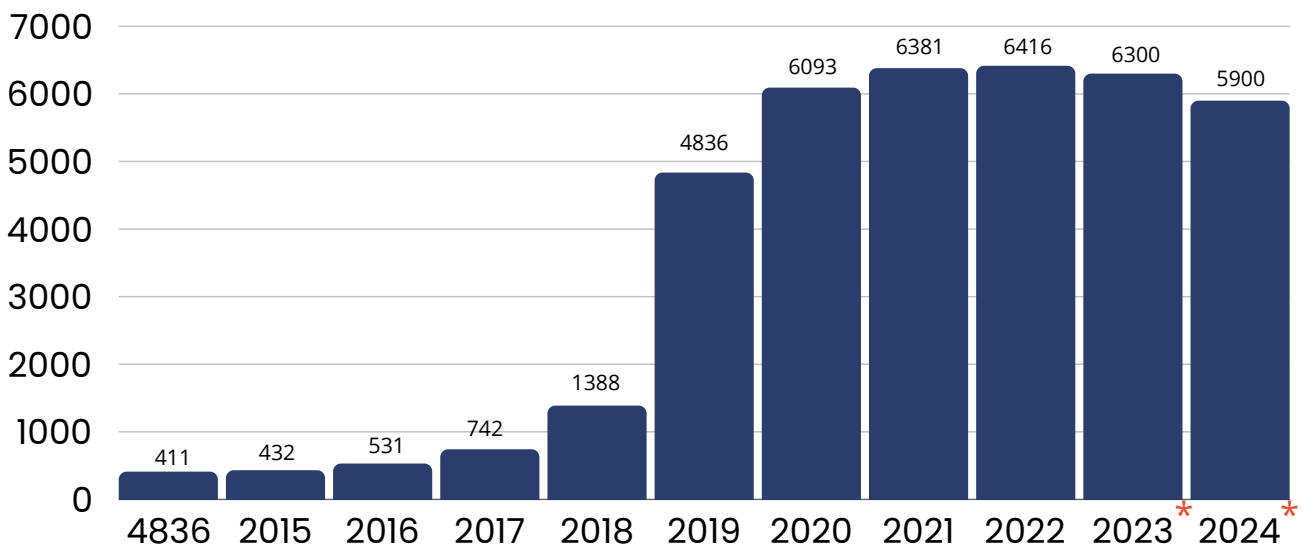
Skilled workforce:

Ukraine has a large pool of highly skilled personnel, including engineers, designers, and workers with experience in renewable energy. This enables Ukrainian companies to attract highly qualified specialists to implement projects in the European market.

International experience:

Some Ukrainian companies already have experience of working abroad, including in the European market. This allows them to understand international standards, cultural peculiarities, and client requirements. They can successfully apply their experience to new projects in the European market.

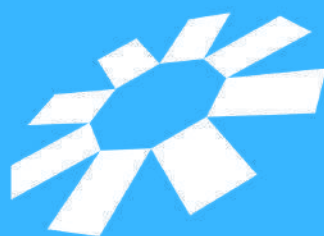
MW



Dynamics of capacity growth of industrial solar power plants



The data refer to the non-occupied territory of Ukraine



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