

Central solar fotovoltaica montenegrina de 50 MW



MERGERSCORP

Central solar fotovoltaica montenegrina de 50 MW

Montenegro es un pequeño país situado en el sureste de Europa con una población de poco más de 600.000 habitantes. A pesar de su tamaño, el país se está convirtiendo rápidamente en líder de la producción de energías renovables, sobre todo en el ámbito de la tecnología fotovoltaica (FV).

La abundante luz solar y el terreno montañoso de Montenegro lo convierten en un lugar ideal para la producción de energía solar. El país recibe una media de 2.500 horas de luz solar al año, lo que lo convierte en uno de los lugares más soleados de Europa. Esto ha permitido a Montenegro aprovechar la energía del sol mediante la instalación de paneles fotovoltaicos en todo el país.

Uno de los mayores proyectos fotovoltaicos de Montenegro es el parque solar de Briska Gora, situado cerca de la ciudad de Ulcinj. Se espera que esta instalación de 250 MW produzca más de 400 GWh de electricidad al año, suficiente para abastecer a 100.000 hogares. El proyecto es un esfuerzo conjunto del gobierno de Montenegro y de inversores privados, que ven el potencial de la energía solar para reducir la dependencia del país de los combustibles fósiles y crear un futuro energético más sostenible.

Además de proyectos a gran escala como Briska Gora, Montenegro también está fomentando el uso de la tecnología fotovoltaica a menor escala. El país ofrece incentivos para que los propietarios de viviendas y las empresas instalen paneles solares en sus propiedades, incluidas desgravaciones fiscales y subvenciones para el coste de los equipos. Esto ha provocado un crecimiento del número de instalaciones solares en tejados en todo Montenegro, aumentando aún más la capacidad de energía solar del país.

El compromiso de Montenegro con las energías renovables va más allá de la energía solar. El país se ha fijado el objetivo de generar el 33% de su electricidad a partir de fuentes renovables para 2020, con planes para aumentarlo al 36,5% para 2030. Esto incluye no sólo la energía solar, sino también la eólica, la hidroeléctrica y la biomasa.

Puntos clave

Se está estudiando un proyecto de construcción de una central solar de red (SPP) en Montenegro para la venta de electricidad a una red centralizada sin almacenamiento intermedio. Está previsto que la ejecución del Proyecto estimule el desarrollo de la energía solar en Montenegro y la transición a fuentes de energía verde renovable sin hidrocarburos.

El escenario principal para la ejecución del Proyecto es con el uso de paneles solares de fabricación china, con subvenciones de EKO FOND MONTENEGRO, con una tarifa estándar (unos 110 \$ por MWh).

Conexión a la red Italia-Montenegro

Datos clave

GROSS REVENUE

\$0

EBITDA

\$0

BUSINESS TYPE

Energías renovables

REAL ESTATE

TBD

COUNTRY

Montenegro

BUSINESS ID

L#20240651

Planned installed capacity	50 MW	
The area of land for construction	600 000 sq.m. (60 ha)	
Type of installation of solar panels	Fixed	
Type of solar panels	Multicrystalline	
Number of solar panels	90909	
Maximum declared power of the panels	550 Wp	
Maximum capacity of solar power plants	50000.5 KWp	
Inverters	10 central inverters in a block with a transformer (110 kV)	
Maximum inverter power	5060 kW	
Inverter Specifications	Total power Sng (kVA)	N/A
	Specified voltage Ung (kV)	N/A
	Указанный ток Ing (A) Impp	N/A
	Пусковой ток Io (A)	N/A
	Generator power factor (cos a)	1
	Nominal frequency (Hz)	50
Efficiency of solar panels	22,70%	
Installation angle of solar panels	42	
Total energy output	70 200 MWh/year	
Specific energy generation	1404 kWh/year	
Unit cost (excluding VAT 7% and subsidies 20%)	505 EUR / 1 kW peak	
Total cost (excluding VAT 7% and subsidies 20%)	25 250 000 EUR	
Project IRR	25%	
Investor's IRR		
Investor's NPV (Net Cash Flow)	82 302 799 EUR	
The total cost of energy produced over 30 years (at a tariff of 110 euros / 1 MWh)	231 660 000 EUR	
Total income for 30 years (excluding VAT and income tax) EBITDA	206 410 000 EUR	

Map data

Per year ▾

Direct normal irradiation	DNI	1508.5	kWh/m ² ▾
Global horizontal irradiation	GHI	1476.3	kWh/m ² ▾
Diffuse horizontal irradiation	DIF	604.0	kWh/m ² ▾
Global tilted irradiation at optimum angle	GTI opta	1735.6	kWh/m ² ▾
Optimum tilt of PV modules	OPTA	36 / 180	°
Air temperature	TEMP	14.8	°C ▾
Terrain elevation	ELE	183	m ▾

The information contained herein does not constitute an offer to sell or a solicitation of an offer or a recommendation to purchase securities under the securities laws of any jurisdiction, including the United States Securities Act of 1933, as amended, or any US state securities laws, or a solicitation to enter into any other transaction

The projected financial information contained in the Memorandum is based on judgmental estimates and assumptions made by the management of the target Company, about circumstances and events that have not yet taken place. Accordingly, there can be no assurance that the projected results will be attained. In particular, but without prejudice to the generality of the foregoing, no representation or warranty whatsoever is given in relation to the reasonableness or achievability of the projections contained in the Memorandum or in relation to the bases and assumptions underlying such projections and you must satisfy yourself in relation to the reasonableness, achievability and accuracy thereof.

By delivering this Memorandum, neither MergersUS Inc., nor its authorized agents are making any recommendations regarding the acquisition or strategies outlined herein. Interested parties shall exercise independent judgment in, and have sole responsibility for, determining whether an acquisition of the Company is suitable for them, and neither MergersUS Inc, nor its authorized agents have responsibility to, and will not, monitor the condition of interested parties to determine that an acquisition is or remains suitable for them. Among other things, suitability of an acquisition will depend upon an interested party's investment and business plans and financial situation.

This document is prepared for information purposes only. It is made available on the express understanding that it will be used for the sole purpose of assisting the recipients to decide whether they wish to proceed with a further investigation of the Proposed Transaction.

The recipients realize and agree that this document is not intended to form the basis of any investment decision or any other appraisal or decision regarding the Proposed Transaction, and does not constitute the basis for the contract which may be concluded in relation to the Proposed Transaction.

All information contained in this document may subsequently be updated and adjusted. MergersUS Inc. has not independently verified any of the information contained herein or on which this document is based. Neither the Company, nor its management or shareholders, nor MergersUS Inc. , nor any of their respective directors, partners, officers, employees or affiliates make any representation or warranty (express or implied) or accept or will accept any responsibility or liability regarding or in relation to the accuracy or completeness of the information contained in this document or any other written or oral information made available to any interested party or its advisers. Any liability in respect of any such information or any inaccuracy in or omission from the document is expressly disclaimed.

MERGERSCORP

© 2026 MergersCorp M&A International. All rights reserved.

© 2026 MergersCorp M&A International. MergersCorp™ M&A International is the collective brand name of independent affiliates of MergersCorp M&A International. For more details on the nature of our affiliation, please visit us on our website <https://www.mergerscorp.com/disclaimer>. MergersCorp M&A International is not a registered broker-dealer under the U.S. securities laws. MergersCorp M&A International does not offer or sell securities or provide investment advice or underwriting services. The articles or publications contained in this presentation are not intended to provide specific business or investment advice. The author or MergersCorp M&A International shall not be liable for any errors or omissions, or for any loss suffered by any person or organization acting or refraining from acting as a result of the content of this website. It is recommended that specific independent advice be sought before making any business or investment decision.

MERGERSCORP

WWW.MERGERSCORP.COM