

50

兆瓦黑山光伏太阳能发电



MERGERSCORP

50

黑山是位于欧洲东南部的一个小国，人口仅 60 多万。

尽管幅员辽阔，但该国正迅速成为可再生能源生产的领头羊，尤其是在光伏（PV）技术领域。

黑山日照充足，多山的地形使其成为太阳能生产的理想之地。该国每年平均日照时间达 2,500 小时，是欧洲阳光最充足的地方之一。

这使得黑山能够通过在全国各地安装光伏板来利用太阳能。

黑山最大的光伏项目之一是位于乌尔齐尼镇附近的 Briska Gora 太阳能园区。这个 250 兆瓦的设施预计每年可生产超过 400 兆千瓦时的电力，足以为 100,000 个家庭供电。

该项目是黑山政府和私人投资者的共同努力成果，他们看到了太阳能在减少该国对化石燃料的依赖和创造更加可持续的能源未来方面的潜力。

除了像 Briska Gora 这样的大型项目外，黑山还在小规模推广使用光伏技术。

该国为房主和企业在其房产上安装太阳能电池板提供激励措施，包括税收减免和设备成本补贴。

这导致黑山全国屋顶太阳能装置数量增加，进一步提高了该国的太阳能发电能力。

黑山对可再生能源的承诺不仅限于太阳能。该国设定的目标是，到 2020 年，33% 的电力来自可再生能源，并计划到 2030 年将这一比例提高到 36.5%。

这不仅包括太阳能，还包括风能、水电和生物质能。

要点

目前正在考虑在黑山建设一个网络太阳能发电厂

(SPP)，向集中式电网出售电力，无需中间存储。

该项目的实施计划将促进黑山太阳能的发展，并向非碳氢化合物可再生绿色能源过渡。

项目实施的主要方案是使用中国制造的太阳能电池板，由 EKO FOND MONTENEGRO 提供补贴，采用标准电价（每兆瓦时约 110 美元）。

意大利-黑山电网连接

关键数据

TARGET PRICE

\$0

GROSS REVENUE

\$0

EBITDA

\$0

BUSINESS TYPE

发电厂

REAL ESTATE

TBD

COUNTRY

黑山共和国

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