



**Renewable energy
development
opportunities and
evolving needs for
hydropower in the
Drina Basin**

INVESTING IN A BETTER FUTURE

At EPCG, we believe that by harnessing the power of renewable energy, we can create a brighter future for our planet, our communities, and our economy.

Clean energy is not just good for the planet, it's also good for business.

By embracing innovation and entrepreneurship, we can create new opportunities for growth, job creation, and economic development.

We are committed to working with partners across the public and private sectors to accelerate the adoption of renewable energy and to create a more sustainable energy future for all.

Join our mission to drive the global shift towards a world fueled by clean, sustainable energy. Together, let's ignite the transition and shape a brighter future.



OUR CORE BUSINESS ACTIVITIES



ELECTRICITY PRODUCTION



ELECTRICITY SUPPLY



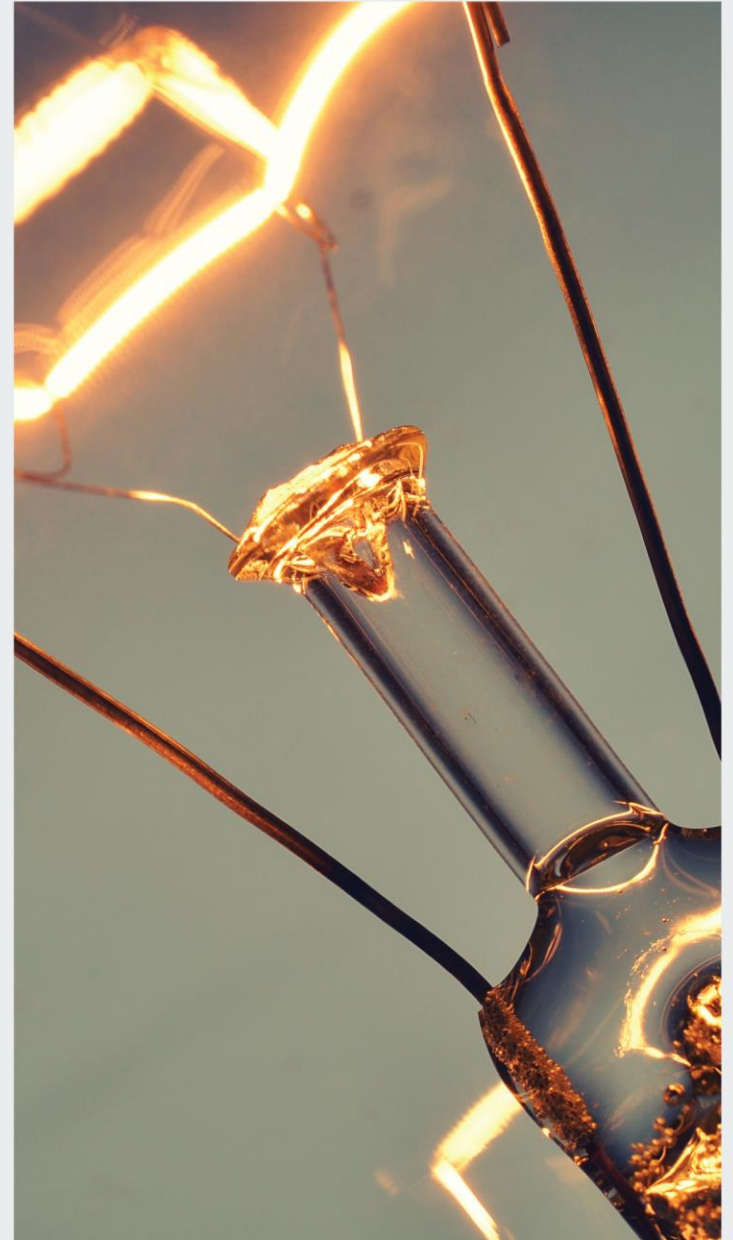
ELECTRICITY TRADE



CONSTRUCTION, RECONSTRUCTION AND
MAINTENANCE OF ELECTRIC POWER FACILITIES



DEVELOPMENT AND ENGINEERING OF
RENEWABLE ENERGY SOURCES



OUR OPERATING MAP: Locations and Regions

POWER PLANTS OWNED BY EPCG

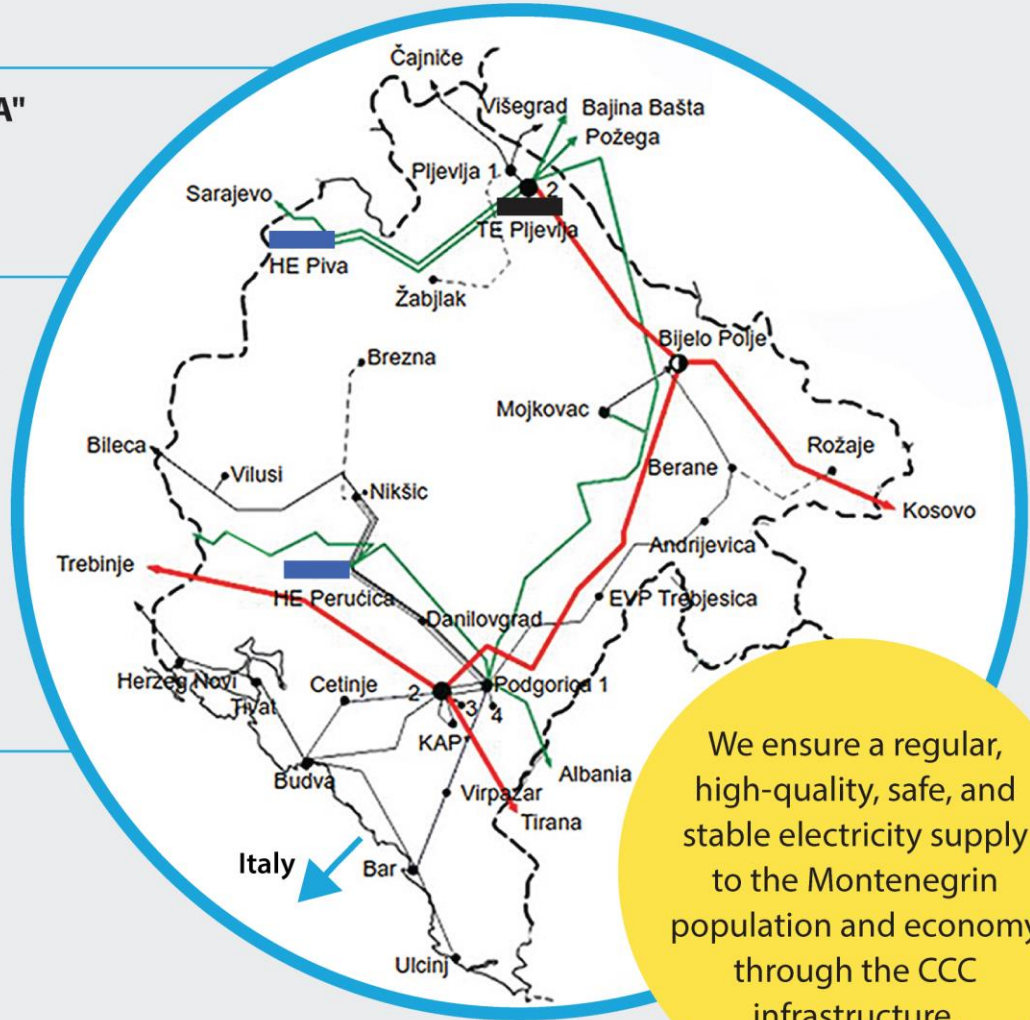
- Hydro | **HPP "PERUĆICA", HPP "PIVA"**
- Thermal | **TEP "PLJEVLJA"**

TRANSMISSION LINES

- Maritime Cable
Interconnection of Montenegro with Italy
- 400kV
- 220kV
- 110kV single
- 110kV double
- 110-35kV

TRANSFORMERS

- 400/200-400/110kV
- 22/110kV
- 110/xkV
- 35/10kV
- 400kV



THE FOUNDATION OF OUR SUCCESS: Our Key Strengths

We predominately produce and supply electricity from **HPP Perućica, HPP Piva, and TPP Pljevlja**, and aim to diversify with more renewables like wind and solar.

Our commitment to expanding our production plant capacity remains the cornerstone of our power systems.

	Installed capacity (MW)	Annual generation (GWh)
HPP Perućica	307	920 (max 1435, min 539)
HPP Piva	342	750 (max 1286, min 360)
TPP Pljevlja	225	1350
Small HPP Zeta Energy	6,56	18,5
Small HPP EPCG	2,46	5,5
Total	883	3044,5

HPP "PERUĆICA"

Key Facts about HPP "Perucica"

- Installed capacity of HPP "Perucica" is **307 MW**
- The power plant has the potential to produce about **1,300 GWh annually**
- HPP "Perucica" has a useful reservoir of **225 million cubic meters of water**
- The catchment area of HPP "Perucica" covers **850 km²**



Key facts about TPP "Pljevlja"

- TPP "Pljevlja" is the first Montenegrin condensation power plant designed with two blocks of **210 MW**.
- Altitude at which it is built is **760m**.
- Height of its chimney is **250m**, so that its outlet exceeds 1000 m above sea level.

HPP "PIVA"

Key Facts about HPP "Piva"

- Installed power - **342 MW**
- The total storage capacity - **824 x 10³ x 10³ m³**
- Storage capacity - **746 x 10³ x 10³ m³**
- The projected annual production of electric energy - **860 GWh**
- Energy accumulation value **275 GWh**



EPCG NEW RES PROJECTS

POWER PLANT	INSTALLED CAPACITY(MW)	GENERATION(GWh/g)	YEAR OF COMMISSIONING
WF Gvozd	54,6	150	2025
SPP Briska Gora	50+200	90+360	2025/2027*
HPP Komarnica	171,9	213	2029
HPP Perućica-A8	58,5	-50	2025
sHPP Otilovići	3,3	11,4	2024
HPP Kruševo	90/120	230/320	2030
SPP Velje Brdo	150	240	2024*/2027*
SPP Vilusi I	30	45**	2024*
SPP Dragalj/Vilusi II	80	140**	2027*
SPP Slano floating	39	65**	2024*
3000+/500+	30	46,7	2022/2023*
SPP dam Slano SPP dam Vrtac	2,5+1,5	3,3+2,2**	2024* 2024*
TOTAL	1.061,3	1.646,6	

PROJECT 3000+ and 500+

30 MW, 46.7 GWh

Under the Solari 3000+ and Solari 500+, EPCG plans to install 3000 solar systems on residential rooftops and 500 on non-residential rooftops. EPCG and ECO FUND signed a joint financing and implementation agreement, with ECO FUND providing a 20% subsidy to end users for the project. The total cost of the project, including VAT, is EUR 30 million, which will be fully funded by a financial institution selected through a tender launched by EPCG for financing the investment.



SOLARI 3000+ 500+



- This project envisages installation of 3000 solar systems on rooftops of residential structures and 500 solar systems on rooftops of facilities owned by legal persons.
- EPCG signed the *Agreement on joint financing and implementation of Solari 3000+ and Solari 500+ Project* with ECO FUND, whereby ECO FUND is to subsidise the project, i.e. the end users with a subsidy amounting to 20% of the total value of the solar system

Solari 3000 + and 500+ Project shall be fully funded with a EUR 30 M (VAT included) loan from a selected financial institution in accordance with the tender for submission of bids for financing the mentioned investment launched by EPCG.

PROJECT SOLAR 5000+

- Installed power 70 MW.
- Estimated production 105 GWh.
- Investment value EUR 70 mil.

PROJECT SOLARI 10000+

The project aims to install over 10,000 solar systems on rooftops, with a combined installed capacity of approximately 85 MW and an estimated production of 110.5 GWh. The total value of the investment is EUR 90 million.

The project has been nominated for financing from European funds and is on the SPP list for the upcoming projects.



SPP BRISKA GORA




- Planned location of SPP Briska Gora – Briska Gora, Ulcinj Municipality
- Consortium of EPCG, Fortum Corporation Finland & Sterling&Wilson India
- Construction in phases:
 - *Phase I – 50 MW with expected annual generation of 90 GWh (18 months)*
 - *Phase II – 200 MW with expected annual generation of 360 GWh (36 months)*
- Total investment value cca. €210M

WPP GVOZD

13 wind turbines, 54.6 MW, 150 GWh/g

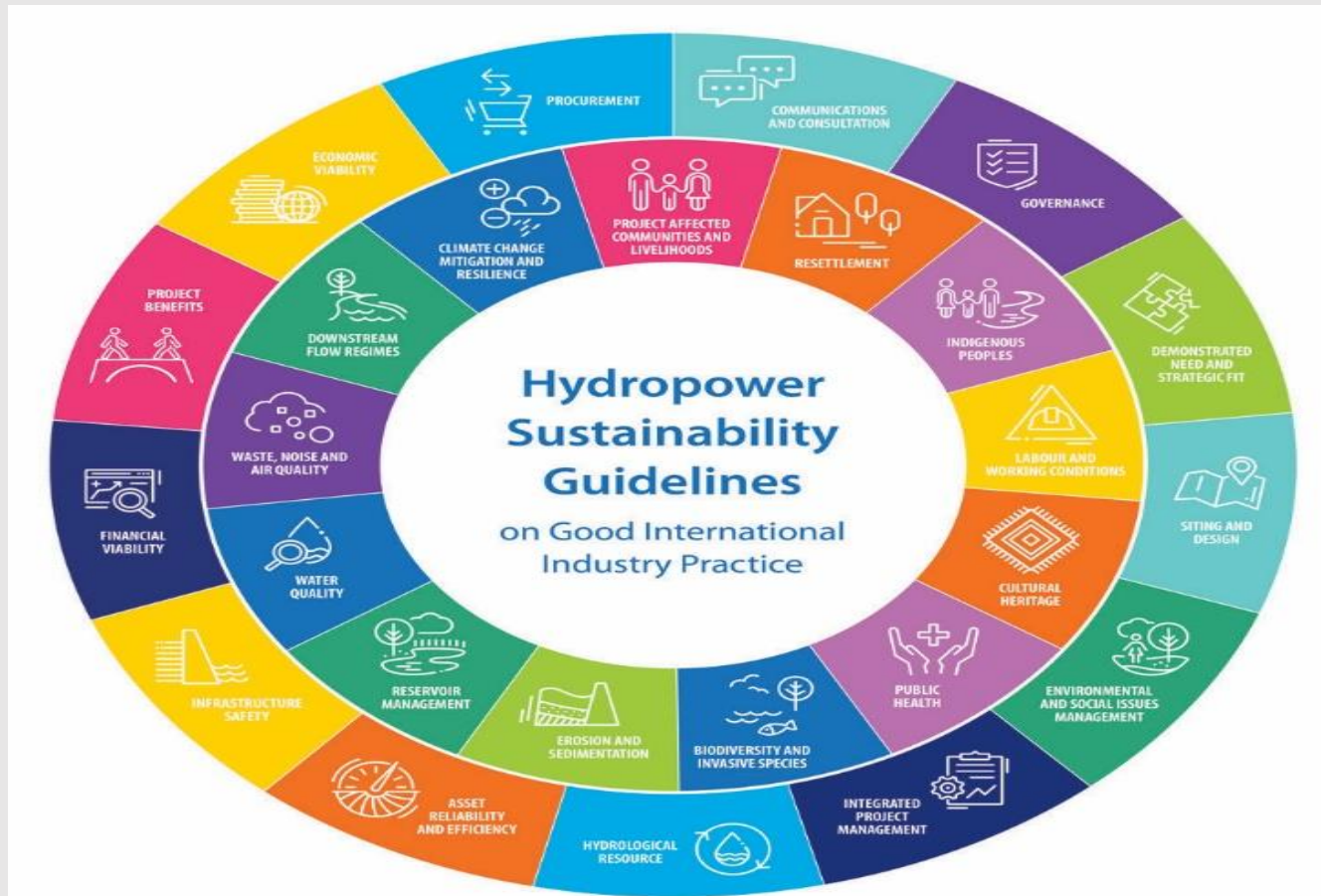
- Up to 13 wind turbines in addition to construction of standard plateaus for installation of wind turbines and foundations on which to install wind turbine poles
- 110/33 kV "Gvozd" transformer station on the project site
- Reconstruction of 110/33 kV "Krnovo" substation
- Construction of a single line 110 kV TS "Gvozd" – TS "Krnovo", 3,125 m long
- Construction of 110 kV single line TS "Gvozd" – TS "Nikšić", 14,730 m long
- Reconstruction of 110/35 kV "Nikšić" substation



This project successfully secured financing from EBRD through a credit arrangement, emphasizing its commitment to sustainable energy initiatives.

HYDROPOWER PLANTS

- Reconstruction and modernization of HPP Piva – phase II
- Reconstruction and modernization of HPP Perućica – phase II
- HPP Perućica – Unit A8 58.5MW and 50GWh
- HPP Komarnica 171.9MW and 213GWh
- HPP Kruševo 90-100MW and 230-265GWh



THANK YOU FOR YOUR ATTENTION



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