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Overland Park, Kan.

## **Black & Veatch supports Ugljevik 3 Thermal Power Plant Project**

### **New plant will provide major boost of reliable power to support economic development in the Republic of Srpska**

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In line with the company's global growth strategy, Black & Veatch is providing Technical Advisory services during the Early Works phase for a major thermal power plant in the Ugljevik Municipality. The project represents the first modern merchant power plant in the Republic of Srpska and will be privately funded.

The Ugljevik Thermal Power Plant (TPP) is currently one of the largest generators of electricity in the Republic of Srpska. The addition of two 300 megawatt (MW) units at the site will bring a major boost of reliable power and spur economic development to the city of Ugljevik and the surrounding region. With a total estimated cost of 800 million euro (US\$1.1 billion), the Ugljevik 3 TPP project is a considerable private investment by Comsar Energy Republic Srpska and demonstrates the role of such funding to expand energy production in the region. Concession for construction and use of Ugljevik 3 TPP has been approved by the Government of the Republic of Srpska.

The Ugljevik 3 TPP has been designed using modern technologies to minimise the impacts of electricity generation to the environment while providing baseload power. It will be fuelled by brown coal from new surface mines located in the vicinity of the plant. The project will meet all the requirements of the European Union Directives applicable to environmental protection.

As a Technical Advisor, Black & Veatch provides conceptual design review, EPC contract documents technical evaluation and onsite representative services. The project will involve the import of Chinese manufactured major and balance of plant equipment, which typically allows for a project to be completed at a competitive cost. Under this approach, Black & Veatch will provide the technical and quality oversight so that the project proceeds in accordance with contractual requirements. The project will also benefit from using the resources of Black & Veatch's integrated global execution team in Beijing, China.

The project extends Black & Veatch's reputation and proven ability to deliver complex power projects around the world. "We are pleased to support this important project," said Vladimir Kantor, Associate Vice President - General Director at Black & Veatch. "When complete, it will use Black & Veatch's thermal power plant leadership and experience, modern technology, and natural resources in the Republic of Srpska to address energy demands in the region."

The Ugljevik 3 TPP project will have a total installed capacity of 600 (MW) when it becomes operational in 2016.

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**Editor's Notes:**

- The Republic of Srpska forms one of two political entities that constitute Bosnia and Herzegovina.
- Design and construction of the TPP Ugljevik 3 project is supported by a commitment to reduce environmental impact in accordance with the Environmental Protection Act adopted by the Republic of Srpska.
- The new thermal power facilities to be constructed will use modern combustion technologies with a high degree of efficiency and in combination with modern and environmentally friendly systems of dry cooling and control of gas emissions.
- TPP Ugljevik 3 will be powered by brown coal from the new surface mines situated in Delići, I, Peljave-Tobut, Baljak and Ugljevik Istok 2 in the Ugljevik Municipality, to be developed simultaneously with the power plant.
- In coal plants alone, Black & Veatch has been involved with nearly 60 gigawatts (GW) of major coal-fired power generation facilities worldwide. These include providing technical advisory services for the two 660 MW Balkhash Thermal Power Plant project in Kazakhstan; engineering and procurement for the two 660 MW Tanjung Jati B 3 & 4 power plant in Indonesia (also incorporating export of Chinese equipment); and engineering, construction management support, knowledge and skills transfer for the Kusile Power Station in South Africa - one of the world's largest coal-fired power plants. The company also provided inputs for the planned Sasan and Krishnapatnam power projects in India; also among the largest multi-unit coal plants in the world.

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**About Comsar Energy Group**

Comsar Energy Group is one of the largest, greenfield investors in the energy sector in South Eastern Europe. Comsar undertakes major projects in The Republic of Srpska, including several power generation installations with a total power capacity of nearly 650 MW. The group is led by an experienced senior management team and is organized into specialized business units that cover specific business areas.

**About Black & Veatch**

Black & Veatch is an employee-owned, global leader in building Critical Human Infrastructure™ in Energy, Water, Telecommunications and Government Services. Since 1915, we have helped our clients improve the lives of people in over 100 countries through consulting, engineering, construction, operations and program management. Our revenues in 2012 were US\$3.3 billion. Follow us on [www.bv.com](http://www.bv.com) and in social media.