

Eesti Energia relies on filter bags from BWF Envirotec

***Offingen, 25 June 2014.* The production divisions of Eesti Energia (Estonian energy company) - Eesti Energia Narva Power Plants (Eesti Energia Narva Elektriijaamad AS), have placed a major order with BWF Envirotec for 30,000 filter bags. The filter bags are used for flue gas cleaning in Eesti Power Plant, which is the biggest oil shale fired power plant in the world.**

Estonia is rich in high quality oil shale deposits. This fossil raw material is mainly to be found in the north east of the country. Production of liquid fuels, power and heat from oil shale is a major economic factor in this region. Eesti Energia Narva Power Plants generate over 90% of the electricity produced in Estonia.

Eesti Energia, which has its largest power stations running on oil shale near the city of Narva close to the Russian border, covers the energy requirements of more than 500,000 customers with its around 7,000 employees. As the principal supplier of electricity, heat and shale oil Eesti Energia gives utmost priority to compliance with environmental constraints and safety requirements. This is why Eesti Energia is relying on BWF Envirotec, the internationally leading manufacturer of filter media for industrial filtration, in allocating the contract for complete replacement equipment with filter bags for flue gas cleaning of the major power plant.

A clear decision to opt for quality from Germany

"BWF Envirotec offered its services during the open public tendering process. The know-how in terms of application technology and the quality of the filter media were above all decisive in selecting the supplier and we have successfully been implementing this project in

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conjunction with BWF Envirotec", explains Dmitri Smorodin, the procurement department manager at Eesti Energia Narva Power Plants.

"Our filter media are individually tailored to each application. We meticulously analyse the requirements placed on the filter medium. Important factors in this case include the characteristics of the dust to be filtered, compliance with the emission limit values and efficient neutralisation of noxious gases. The filter bags supplied to Eesti Energia Narva Power Plants consist of proven synthetic fibre polymers and an additional customised full bath impregnation. In addition to outstanding filtration properties under the widest array of operating conditions in the power plant, our filter media also stand for low pressure loss in the filter house and a long service life", explains Nadja Rabitsch, responsible at BWF Envirotec for sales in the Baltic area.

The filter bags have been installed in the major power plant since May and since that time have been reliably filtering noxious gases out of the untreated gas flow, thereby ensuring clean air.



Caption:

"Eesti Energia" file: the production division of the Eesti Energia - Eesti Energia Narva Power Plants (Eesti Energia Narva Elektriijaamad AS) is equipped with filter bags from BWF Envirotec.

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About BWF Envirotec:

BWF Envirotec is the international market leader in the field of filter media for industrial filtration. The product portfolio ranges from needlona® brand filter media, including the PM-Tec® membrane product line to Pyrotex® KE ceramic filter elements. BWF Envirotec filter media find applications in the aluminium, cement and steel industry, in power plants and waste incineration plants, among others, or also in the food industry.

BWF Envirotec was the first manufacturer in the world to introduce needle felts as a filter medium in 1968. With its head office in Offingen/Bavaria and production plants in Germany, China, the USA, Italy, Turkey, Russia and India, in addition to a sales network in more than 50 other countries, BWF Envirotec guarantees economically viable solution concepts and technical services in line with the market.

BWF Envirotec is part of the BWF Group. With more than 1300 employees throughout the world, the company operates in the field of industrial dedusting, production of technical felt materials, wool felts and in plastics technology.