



Aalborg Energie Teknik a/s officially hands over the boiler plant to Biomass Energy Solutions VSG, Vielle-Saint-Girons in France

Aalborg Energie Teknik a/s (AET) has 24 February 2015 made the final handover of the 50 MW fuel heat input boiler (525 °C, 120 bara) to Biomass Energy Solutions VSG - a consortium consisting of DRT, Cofely Services (ENGIE Group), and Caisse des Dépôts.

The biomass-fired CHP plant will have an annual fuel input of 150,000 tons of forestry wood and clean, uncontaminated residues from wood processing, and from tall oil obtained from the distillation process at DRT. The cogeneration plant will supply DRT with steam for their industrial processes, and at the same time it will export up to 17 MWe to the public grid.

In a continuous effort to reduce the impact of industrial activities on the environment, DRT has made the search for alternatives to petroleum-based products its top priority. This project is therefore a natural continuation of the work initiated by DRT in eco-friendly developments. Thanks to the biomass cogeneration plant, all of the fossil energy consumed by the Vielle-Saint-Girons site will be spared, thereby preventing the emission of more than 400,000 tons of CO₂ over 20 years of operation, equivalent to the emissions of 8,000 motor vehicles.



The Biomass Energy Solutions VSG plant at the DRT site in Vielle-Saint-Girons is now in operation. The tested performances are well within the guaranteed values. The boiler efficiency is approximately 93%.

The scope of AET included the AET Fuel dosing system, AET Combustion System, AET Biomass Boiler, the tall oil burner, the AET SNCR DeNO_x system, the complete boiler house, the bag filter with lime injection system, and the PLC control system.

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Notes to editors

About Biomass Energy Solutions VSG:

World leader in the development of rosin and turpentine extracted from pine, DRT responded to the French government call for tender over one year ago with a proposal to eliminate the consumption of fossil fuels at its facility in Vielle-Saint-Girons. To generate power, the site will instead use byproducts obtained from the distillation of tall oil. To respond to the bid, the company Biomass Energy Solutions VSG was formed, bringing together DRT, Cofely Services (GDF SUEZ Group), and the Caisse des Dépôts. This new conglomerate of major industry players has financed and built the cogeneration plant and will operate it for the next 20 years.

About Cofely Services, ENGIE

An environmental and energy efficiency services company, Cofely Services provides companies and local authorities with solutions to use energy more efficiently and to reduce their environmental impacts. Its expertise is based on three long-term areas of know-how: improving energy and environmental performance of buildings, locally producing renewable energy and integrating services. In France, Cofely Services employs 12,500 people and in 2014 had a turnover of €2.5 billion. Cofely Services is part of ENGIE B2B Energie Services, a European leader in multi-technical services with a turnover of €15.7 billion in 2014 and employing 100,000 people. It is one of the five operating divisions belonging to ENGIE, a world leading energy provider www.cofelyservices-gdfsuez.fr.

About DRT

DRT is specialized in the development of rosin and turpentine extracted from pine resin. As a French family-owned company, DRT employs 1,200 people and boasts sales of €350 million. Over 80% of sales are generated in international markets. DRT has sales offices and numerous industrial sites across the globe, including four factories in France, one in China and three in India through a joint venture. DRT mainly supplies the perfume, adhesive, rubber, ink and food supplement markets.

About Aalborg Energie Teknik (AET):

The Danish company Aalborg Energie Teknik a/s (AET) is a leading independent engineering and contracting company supplying biomass fired boiler plants, power plants, and combined heat and power plants (CHP) in the size range of 25 to 170 MWth.

The business comprises design, engineering, delivery and service of plants fired with all kinds of biomass. The well-proven AET Biomass Boiler and AET Combustion System are based on more than 30 years of hands-on experience with industrial processes, steam generation and biomass combustion.

The company has a well-known and recognized reputation for supplying biomass fired boilers and plants with exceptionally high efficiencies, high availabilities, high fuel flexibility and low emissions. Moreover, with very low maintenance costs, the AET biomass plants ensure the investor a viable business case.

www.aet-biomass.com