

Press information

HOCHTIEF Solutions produces biomethane of natural gas quality in Saxony

Matthias Felten
Alfredstrasse 236
45133 Essen
Germany
Tel.: +49 201 824-2704
Fax: +49 201 824-7969
matthias.felten@hochtief.de

Ten-year contract signed—New technology enables efficient energy solutions for industry and real estate

page 1
09/30/2011

From October HOCHTIEF Energy Management, a HOCHTIEF Solutions company, will be producing biogas of the highest natural gas quality in Schöpstal, Saxony, and feeding it in directly to the pan-European Gas Infrastructure Europe (GIE). To do this, the company has been contracted by Biomethan Schöpstal GmbH & Co. KG to operate an ultra modern biogas plant for the next ten years. It was agreed that no details of the contract volume would be disclosed.

HOCHTIEF Energy Management will produce 53,500,000 kilowatt hours of biomethane per year in the new plant. This corresponds with the annual consumption of 2,300 households. Because of the high quality of the gas produced, it can be fed-in directly to the GIE. There are barely any comparable plants in Germany. To achieve the high level of quality, the methane content of the biogas—produced through the metabolization of many billions of bacteria—is enriched and concentrated until the gas mix attains the fuel value of natural gas. At the same time, carbon dioxide is extracted from the gas. The bacteria are fed with a mix of maize, grain and grass. Opening up this modern technology is allowing HOCHTIEF Solutions to develop new and efficient energy solutions in the medium-term for a broad spectrum of clients in industry and the real estate sector.