Boeckermann II is a new biogas plant near Boeckermann I, which was built in 2002. Both plants are operated by Thomas Boeckermann, Bioenergie Dolgen KG. This new biogas plant is designed to handle 52 t/d of corn silage, to feed the two 536 kW gas engines. The 18 m steel fermenter is mixed with a top-mounted, centrally located mixer.

The substrate -corn silage- is fed to the digester via a tried and tested solid input device which is located at the bottom of the digester and operates automatically like a piston pump. Its storage capacity is 200 m³. The control system is monitored via computer. The heat from both co-generators is used in the piggery. Start-up occurred in autumn 2005.

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Biogas Plant BOECKERMANN II

Location: Dolgen, Germany
Construction Period: 2004/2005
Input: Corn silage
Fermenter: Steel tank, 4,079 m³
Co-generator: Gas engines 2 x 536 kW
Special Features: Gas holder above secondary digester, thermophilic operation
Costs: about 1,900,000 €