



The biogas plant in Lípa (Czech Republic)

Planning

Implementation

Commissioning

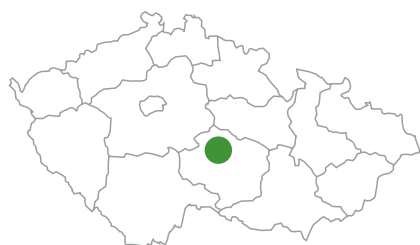
Operation

Service



← Finishing work on the roofing of the maize bunker

→ Fermentation tank of the Lípa biogas plant



Fact sheet

Location:	Lípa / Czech Republic
Capacity:	526 kW _{el}
In operation since:	08/2008
Input materials:	Cattle liquid manure, maize silage
Features:	Waste heat from the biogas plant serves for heating the local elementary school.

The biogas plant in Lípa (Czech Republic)

The biogas plant situated in Havlíčkův Brod (hereinafter referred to as Lípa BGS) with a capacity of 526 kW has been in operation since August 2008. All the electricity generated is supplied into the ČEZ distribution network. Thermal energy is partly used for the heating of municipal buildings (school, nursery school, canteen) via the heating water pipeline with a length of approximately 1 km. The technology is designed as a classical farming biogas plant which processes input raw materials in the following composition:

- cattle liquid manure 7,080 tonnes/year
- maize silage 9,000 tonnes/year

The plant in Lipa consists of a fermentation tank with a volume of 2,670 m³, as well as a technical building where the cogeneration unit, control room and equipment for dispensing and preparation of input raw materials are situated. Waste management is ensured through a new lagoon with a storage capacity of 2,700 m³ of digestate. The rest of the digestate is stored in the existing concrete tank, which was used as a storage for liquid manure.