

References Biomass Heat Plants

Project	Location	Subject	Technical Data	Service UTEK	Customer	Year
Wood Chip Heating	Thedinghausen	biomass	Heat central 1.000 kW (400 kW wood from landscape management), district heating	cost estimate, economic evaluation	BEKS Energieeffizienz GmbH	2016
Wood Chip Heating	Soltau Niedersachsen	biomass	Biomass boiler for wood, 120 kW	cost estimate, economic evaluation	Lobetalarbeit eV.	2015
Wood pellet heating	Stade Niedersachsen	biomass	Boiler for wood-pellets, 500 kW	planning, supervision	Landkreis Stade	2013
Wood pellet heating	Stade	biomass	Boiler for wood-pellets, 600 kW	concept and implementation planning	Landkreis Stade	2013
Wood Chip Heating	Verden Niedersachsen	biomass	Biomass-boiler 150 und 1.800 kW	cost estimate, economic evaluation	Industry Verden	2011
heat from Biomass	Damme Niedersachsen	biomass	Evaluation of heat supply as part of the bioenergy study of the town of Damme	study on biomass potential	Stadt Damme	2010
Wood Chip Heating	Verden Niedersachsen	biomass	wood chip heating, 600 kW	planning, supervision	Ing-Büro Scholz	2010
Wood Chip Heating	Bremen	biomass cogeneration	Alternatives for the heat supply by boiler and/or cogeneration of the botanic center ("Botanika") in Bremen	concept and economic evaluation	SUBVE, Bremen	2010
Wood pellet heating	Twistringen Niedersachsen	biomass	Boiler for wood pellets for a school, 100 kW	planning, supervision	Stadt Twistringen	2009
Wood Chip Heating	Kirchlinteln Niedersachsen	biomass	Integration of the heat supply of a school in an existing biomass heating central	concept and economic evaluation	Stadtwerke Verden	2009

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Energy concept Zero CO2	Posthausen Niedersachsen	biomass, solar, cogeneration	Energy supply with zero CO2- emissions of a mall	concept and economic evaluation	EWE Oldenburg	2009
Wood Chip Heating	Verden (Aller) Niedersachsen	biomass	heating central with wood-boiler (600 kW) for the "Aller-Weser"-town hall	planning, supervision	Stadtwerke Verden	2009
Heat Supply Concept	Rotenburg (W.) Niedersachsen	biomass	Energy supply of an industrial company by steam from a biomass plant	concept and economic evaluation	EWE Oldenburg	2008
Wood Chip Heating	Celle Niedersachsen	biomass	Heating a priority home by wood chips	concept and economic evaluation	Lobetalarbeit e.V. Celle	2007
CHP with Palm Oil, Gas Turbines	Nettgau	palm oil, gas turbines	palm oil CHP for the pulp industry, other CHP potentials	site analysis with energy balance, dimensioning cogeneration plant and gas turbines, cost estimation, economic evaluation	industry	2007
Wood Chip Heating	Bremen	biomass	wood chip heating in a school by contracting	cost estimation, economic evaluation	Stadt Bremen	2007
Heat Supply Concept	Bremen	renewable energies	steam production for a laundry based on renewable energies	concept, cost estimation, economic evaluation	Stadtwerke	?
Wood Chip Heating	Harpstedt Niedersachsen	biomass	district heating for several schools with wood chip heating	draft planning, functional bid for tenders	Samtgemeinde Harpstedt	?
Wood Chip Heating	Bremen	biomass	wood chip heating for several schools	concept with data research, energy balance	private	2003

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Mobile Wood Chip Heating	Harpstedt Niedersachsen	biomass	district heating for municipal properties with a transportable wood chip combustion; to supply the baths in the summer	concept, economic evaluation	Samtgemeinde Harpstedt	2002
Wood Chip Heating	Bremen	biomass	biomass heating center with district heating for public and business customers	concept, economic evaluation	private	2002
Wood Chip Heating	Hannover	biomass	wood chip heating for industry	consultations	Stadtwerke Hannover	2002
Schools	Ahlhorn	biomass	remediation of the heating center of a school with wood chip combustion (300 kW), gas burner (600 kW), chip storage, heat distribution	planning, bids for tender, supervision	Gemeinde Großenkneten	2002
Rape Oil - Biodiesel	LK Lüneburg Niedersachsen	rape oil	utilization of rape, extraction, RME, CHP	draft planning, economic evaluation	Lähn GbR	2000
Wood Chip Heating	Wuppertal	biomass	wood chip heating in a public building	concept: heat supply and logistics	Stadt Wuppertal	2000
District Heating with Wood Chip Combustion	Verden Niedersachsen	biomass	wood chip heating with district heating, capacity 3 MW to supply municipal properties	planning and supervision; project within EXPO 2000, Hannover	Stadtwerke Verden	1997
Biomass-CHP	Verden Niedersachsen	biomass	industrial CHP based on wood chip combustion, 10 t/h steam production, steam engine as option	concept, economic evaluation	Industry	1999
Biomass Potential Bremen	Bremen	biomass	energy potentials from biomass in Bremen and around	potentials	Bremer Energiebeirat	1988
Wood Chip Heating	Brandheide Niedersachsen	biomass	wood chip heating for a house	draft planning, dimensioning, supervision	private	1984