



PowerCrop - Russi

Akuo Energy - CBN

JG Pears - Newark

Tilbury Green Power

Østkraft

ENGIE Cofely - Biolacq Energies

ENGIE Cofely - BES VSG

ENGIE Cofely - SODC Orléans

Roths CoRDe

Zignago Power

ENGIE Cofely - BCN

Verdo Production - Randers

Western Wood Energy Plant

FunderMax - Neudörfel

Linz-Mitte

Boehringer Ingelheim

Best Wood Schneider

Swiss Krono - Heiligengrabe

Pfleiderer - Gütersloh

EPR - Glanford

Pfleiderer - Neumarkt

Egger - Pannovoges

Aalborg Energie Teknik a/s - Biomass Cogeneration Plant

## Østkraft - Rønne, Denmark

Østkraft supplies power and district heating to the population of Bornholm. The boiler (Block 6) was built in 1996 and was built from the start with the possibility of using 20% biomass in the combustion process. Østkraft decided in 2013 to convert the plant in order to be able to use 100% biomass, without losing the flexibility and possibility of utilising coal and oil, if necessary. This flexibility is essential, as Østkraft is situated on an island. The plant must be ready to start the oilburners quickly in case the power cable to Sweden should get damaged.

The plant has been retrofitted in autumn 2016 with AET Combi Spreaders.

### AET's Retrofit Included:

- | Feasibility study
- | AET fuel dosing and transport system
- | AET combi-spreaders (coal and/or biomass)
- | Boiler refurbish of furnace
- | Upgrade of secondary air system
- | AET Dust Firing System
- | Instrumentation
- | Erection of equipment
- | Commissioning.

### Additional Information

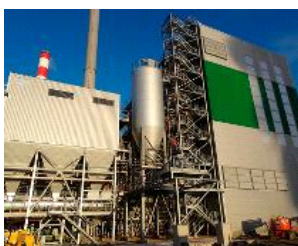
To obtain more information about this biomass-fired plant and about AET: [Contact AET sales.](#)

Boiler:	>54 MW <sub>th</sub> 88 bara 527 °C
Electrical power:	≤37 MW <sub>e</sub>
Process energy:	≤35 MW <sub>th</sub>



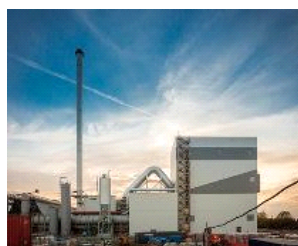
The CHP plant Østkraft was converted to be able to use 100% biomass in 2016.

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The Biolacq Energies project, in Lacq, is a biomass-fired CHP plant of 54 MW, that utilises forestry wood, and clean, uncontaminated residues from wood processing.

[Read more about Biolacq](#)



Tilbury Green Power is a 125 MW waste wood-fired plant, which commenced operations in 2017.

[Read more about Tilbury Green Power](#)



JG Pears – Newark is a 42 MW MBM-fired cogeneration plant, which commenced operations in 2018.

[Read more about JG Pears - Newark](#)



Akuo Energy - CBN is a 63 MW wood-fired cogeneration plant, which commenced operations in early 2019.

[Read more about Akuo Energy - CBN](#)

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The 49 MW Zignago Biomass power plant in Italy, owned and managed by Zignago Power s.r.l., belonging to the Marzotto family empire, has since its installation in 2013 been running with a very high availability (98,8%). The plant utilises wood residues and agricultural waste such as straw, miscanthus and maize. [>Read more](#)

