



# University of Hertfordshire

Hatfield, Hertfordshire

*"True Zero Carbon Student Residences – Another Industry first for Arbor Heat and Power!"*

The new 2500 bed student bed residential development at the University of Hertfordshire is the first development in the sector to achieve true zero carbon status. This means that the carbon used in providing the campus with heat and power is less than the new energy solution generates in a typical year.

Arbor Heat and Power began working with Bouygues UK in 2013 and proposed a bold strategy to heat and power the campus with a biomass fuelled combined heat and power plant.

The project consists of a one ArborElectrogen 200 Plant and one ArborElectrogen 400 plant working together to provide over 60% of the annual heat requirement and more than 100% of the electricity.

Drawing down both ROCs and RHI in the course of its operation means that the campus will be heated and powered at a fraction of the cost of traditional energy sources.

The project was installed during 2014/15 and completed in October 2015.



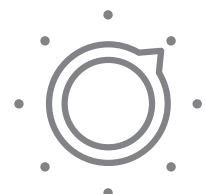
**True Zero Carbon Solution**

The pinnacle of low carbon design – the "true zero carbon solution" demands the very best technology choice and careful design and integration to achieve



**Return on Investment**

Obligations to provide the lowest possible carbon solution brings opportunities to earn a return of investment with innovative Arbor Electrogen plant.



**Scalable and Flexible Solution**

Meet the requirements for almost any energy load with flexible, scalable and modular plant.

**delivering revenue from renewables**

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