Coastal windmill is now always warm

A picturesque 18th Century windmill on the North Norfolk Coast is enjoying energy efficient, low maintenance heating and hot water thanks to Finn Geotherm.

Used as a family home, the windmill's structure - including a bedroom five storeys up in the mill tower - and remote coastal location provided many heating challenges. The existing oil boiler system was unable to deliver adequate heat throughout. The owner wanted a new super-efficient, almost autonomous heating and hot water system that would enable her to enjoy her home without the hassle of having to monitor oil levels and arrange deliveries.

Finn Geotherm specified and installed one Lampoassa Vmi17 ground source heat pump and one Lampoassa Esi17 in tandem, carefully balanced to meet the heat loss of the house. 2,000 metres of ground loop were installed in a series of 1.2 metre deep parallel trenches in an adjacent meadow to avoid disturbing the stunning grounds of the mill.

New radiators were installed in some rooms and an uprated heating circulation pump ensures the bespoke ground source system provides adequate heating flow around the entire house, including all the way up to the fifth-floor bedroom.

Homeowner Mrs M, said of the installation "I am pleased to confirm that my ground source heat pump system is keeping my home warm and providing all the hot water I need. Finn Geotherm ensured the installation of my system was completed neatly with as little disruption as possible. I am delighted with my system and, of course, with the lower heating bills and RHI payments that it permits."

Key benefits:

- Simple to use – system 'looks after itself'
- House is consistently warm throughout
- Completely replaces ineffective oil boiler
- Future-proof, sustainable system
- Government payments through RHI

Call now on **01953 453 240**
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FINN GEOTHERM
The renewable heating experts