

Gants Mill

Bruton, Somerset BA10 0DB

Site	Watermill
Catchment	River Brue
System	Grid Connected
Commission Date	Jan 02
Turbine type	Crossflow
Supplier	Valley Hydro
Design output kW	10.5
Projected annual energy capture	40MWh
Mean flow m ³ /s	0.43
Rated design flow m ³ /s	0.495
Gross Head m	4.8

Gants Mill



The mill building at Gants Mill was restored in 1996, since when the mill and gardens have been open to the public. The hydropower proposals resulted from the rising price of electricity in the early 21C, the availability of grants, and as an added attraction for day visitors.

The new turbine and generator were easily installed within the mill in the space above the 1888 Armfield turbine, allowing corn grinding and and/or electricity generation to continue together.

The equipment was installed by Hydro Generation Ltd, and has worked with minimal maintenance and disruption since 2002. The electrical energy capture has ranged from 28Wh to 32MWh per year, depending on rainfall, and currently all electricity is exported to Scottish and Southern Electricity on an annual contract.

See also www.gantsmill.co.uk

Turbine Installation



Mains Connection Unit

