



NORTHSTONE
A CRH COMPANY

SOLAR INSTALLATION TOOME



PROJECT LOCATION

Rooftile Factory, Toome

START & END DATE

Ongoing

RELATED SDGS





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CASE STUDY

SOLAR INSTALLATION TOOME

THE CHALLENGE

Northstone Materials have been manufacturing high-quality concrete roof tiles at our roof tile factory in Toome, Northern Ireland, for 60 years. We supply a wide range of concrete roof tiles and accessories to all regions of the United Kingdom and Ireland. Given the popularity of these products, our roof tile factory operates at maximum capacity and is therefore relatively energy intensive.

THE SOLUTION

Sustainable Development and the Integration of Renewable Technologies into the infrastructure of Northstone Materials is integral to our commitment to our carbon reduction goals. We therefore chose to make a pioneering example of this location by partnering with Enerpower to fit 505 PV solar panels on the factory roof.

THE RESULT

The solar PV panels were strategically positioned by Enerpower on the factory roof for maximum electricity self-generation and ease of integration into the roof tile process for maximum consumption. The solar panels are expected to produce 180MWh per annum, enough to power over 50 homes in Northern Ireland, and considerably reduce the tile factory's reliance on the electricity grid.

This installation required considerable investment from Northstone Materials and demonstrates our dedication to environmentally responsible practices and a greener future.



For further information see www.northstonematerials.com/sustainability