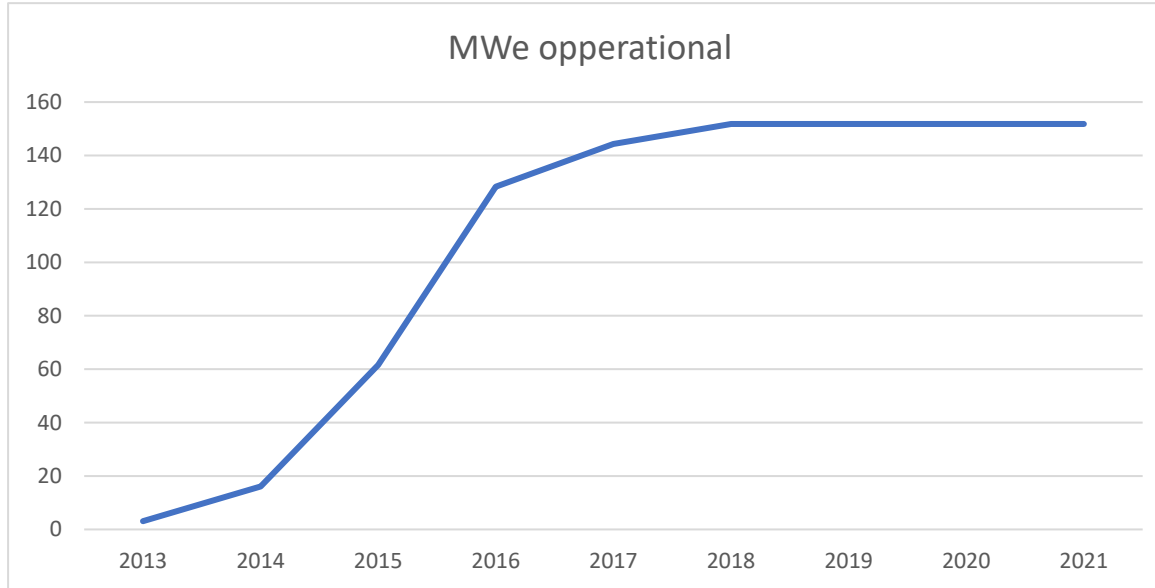


## **EXISTING AND PROPOSED RENEWABLE AND LOW CARBON ENERGY RESOURCE IN DERBYSHIRE (BEIS DATA AND LOCAL AUTHORITY INFORMATION)**

20. BEIS publish quarterly data listing renewable energy proposals, existing schemes, withdrawn, refused and expired planning applications. The data is available as a dataset which can be downloaded and edited, or in a plotted point data map format linked to the dataset. The most efficient method of accessing this data is via the BEIS web pages. This will not only give access to the most up to date information but will also eliminate the potential for transcription errors although there is a delay of approximately 1 month in the publication of the BEIS data. Both the database and the mapped form can be accessed at: [Renewable Energy Planning Database: monthly extract - GOV.UK \(www.gov.uk\)](https://www.gov.uk/government/datasets/renewable-energy-planning-database-monthly-extract)
  
21. The data set includes planning and development status, locational information, and installed capacity as MW of electricity equivalent. As of August 2021, schemes either installed, submitted, under construction or benefitting from planning consent in Derbyshire amount to 309.1 MWe capacity. Of this, schemes either operational or under construction amount to 178.3 MWe, the majority of this (124.5 MWe) being ground mounted photovoltaics.

22. The graph below shows the total MWe renewable operational capacity within Derbyshire for installations greater than 1 MWe, currently standing at 151.8 MWe. A further 145.8 MWe capacity is either under construction (15 MWe) or benefits from planning consent (139 MWe)<sup>1</sup>.



Graph showing cumulative total renewable energy generation capacity (DNC) in Derbyshire. BEIS data. *The graph shows a steady increase in renewable energy generation capacity from near zero Mega Watts in 2013 to over 150 Mega Watts in 2018, thereafter generation capacity has remained more or less constant to the present.*

23. The local authorities of Derbyshire have commissioned a study of the available renewable energy resource in the county. The study provides a spatial assessment of the renewable energy opportunities across Derbyshire and the Peak District National Park area, including those parts of the National Park outside Derbyshire. The study seeks to provide an evidence base to ensure better integration of energy system planning with the growing need to address

<sup>1</sup> Renewable energy developments in Derbyshire greater than 1 MWe consented or under construction, July 2021. BEIS

and mitigate climate change at local and regional levels. The report provides local authorities and wider stakeholder groups with a clear overview of the existing energy system, future system projections and an assessment of energy opportunities, to enable better design of low carbon planning policy, ensuring that future energy development in the study area is located in a sensitive and appropriate manner, while supporting the transition to a net zero economy.

Link to the [Renewable energy study - Derbyshire County Council](#)