

# CASE STUDY

## Case Study



Clean Energy

### Scotland, United Kingdom - Sets Wind Record, Provides Enough Electricity for 3.3 Million Homes

“... it has been reported that Scottish turbines provided 1.2 million megawatt hours of electricity to the National Grid—enough energy to meet the electrical needs of 136 percent of households in the country (or ~3.3 million homes). What's more, 58 percent of Scotland's entire electricity needs were met for the entire month. The Independent reported that on March 17 and March 19, enough energy was generated to power Scotland's total power needs for an entire day.

#### Wind Energy in Scotland



The skyline of Ardrossan, North Ayrshire, Scotland, is dominated by an enormous wind farm. (Vincent van Zeijst, [CC BY](#))

An analysis of WeatherEnergy data by the World Wide Fund for Nature (WWF) Scotland revealed that the amount of energy generated in March increased by a staggering 81 percent compared to the same month in 2016. ... Now that Scotland has set an impressive new wind record, the WWF is calling on political parties to continue backing onshore wind power to help the country meet its carbon emission cut targets. One of the country's goals is to deliver the equivalent of 50 percent of the energy required for Scotland's heat, transport and electricity needs from renewable energy sources by 2030.”

## References

Froehlich, A. 2017. Scotland Sets Wind Record, Provides Enough Electricity for 3.3 Million Homes in March. *EcoWatch*. 12 April.

[http://www.ecowatch.com/scotland-wind-power-record-2357425827.html?utm\\_source=EcoWatch+List&utm\\_campaign=1481a9202e-EMAIL\\_CAMPAIGN\\_2017\\_04\\_12&utm\\_medium=email&utm\\_term=0\\_49c7d43dc9-1481a9202e-86067345](http://www.ecowatch.com/scotland-wind-power-record-2357425827.html?utm_source=EcoWatch+List&utm_campaign=1481a9202e-EMAIL_CAMPAIGN_2017_04_12&utm_medium=email&utm_term=0_49c7d43dc9-1481a9202e-86067345)

## Credentials

Authors: Paul Suding, and Florian Steinberg. Edited by: Florian Steinberg