

A landscape photograph showing a hillside with several wind turbines in the distance. In the foreground, a sheep is standing on a grassy slope. The text "Raheen Barr and Derrynadivva Windfarms, Castlebar, Co. Mayo" is overlaid on the image.

Raheen Barr and Derrynadivva
Windfarms, Castlebar, Co. Mayo

Commissioned

Raheen Barr

– February 2004

22 Vestas V52 turbines 18.7 MW

11 months under construction

Derrynadivva

-October 2009

10 Enercon E48 turbines 8 MW

7 months under construction

Grid Connection

- A combination of 38 kV overhead line and underground cabling to Aghalusky 110kV ESB sub-station, Castlebar
- Both windfarms share the grid connection to Aghalusky
- Electricity used in Castlebar and surrounding areas

Local Benefits

- Indigenous generation – security of supply
- Local Authority Rates
- 6 operations and maintenance personnel employed
- Electrical and mechanical parts sourced locally
- Civil works maintenance sourced locally
- Experience gained in a growth industry

Environmental Benefits

- 13,000 households or 30% of Mayo's domestic needs.
- 80 million kWh of electricity produced every year offsets the polluting emissions of
 - 70,000 tonnes of carbon dioxide (CO₂)
 - 1,242 tonnes of sulphur dioxide (SO₂)
 - 140 tonnes of nitrogen oxide (NO_x)
 - 4,440 tonnes of ash

Construction Photos





Raheen Barr and Derrynadivva Windfarm



Energy for the future

