

## MINIMISING OUR IMPACT ON THE ENVIRONMENT

### CASE STUDIES

#### 1. Undergrounding power cables in the Northumberland village of Elsdon



We worked on a project to underground 1,580m of overhead electrical cables in the historic town of Elsdon.

Situated in Northumberland National Park, Elsdon lies in an area of outstanding natural beauty and is itself a town of archaeological interest, containing a prime example of a Motte and Bailey Castle and boasts a near perfect Pele Tower.

We invested over £160,000 to dismantle the town's overhead cables and replace them with an unobtrusive system of underground cabling to preserve the town's authentic historic atmosphere.

We also donated £100 towards an annual weekend village dig in recognition of the patience and understanding shown by the residents while the work took place.

#### 2. Reinforcing power lines at Spurn Point



Northern Powergrid carried out delicate and crucial work on one of the country's most important nature reserves at Spurn Point.

Located at the mouth of the Humber Estuary, the sea is eroding the land and the electricity poles that provide power along the three and a half mile peninsula, including to the Humber RNLI Lifeboat Station.

Our team used specialist vehicles and equipment to erect new poles, replacing the old ones that had become unsafe. The work was carried out in full consultation with the landowners the Wildlife Trust.

### 3. Removing overhead power lines



We swapped motor power for horsepower and used a heavy horse to remove wood poles that had supported overhead power lines from a rural area in South Yorkshire.

The aptly-named Big Lad, a 10-year-old brown Clydesdale horse standing over six foot high, spent a week at Blacka Moor near Dore helping us remove 25 poles from the moor, which is a Site of Special Scientific Interest.

The poles were taken to a nearby collection point where a more conventional form of

transport - tracked vehicles - picked them up. The work was carried out as part of our programme to put power lines underground in the region's National Parks and Areas of Outstanding Natural Beauty.