

KENNOXHEAD WIND FARM TO COALBURN SUBSTATION 132-KV OVERHEAD LINE

CONSULTATION LEAFLET



The project

Scottish Power Energy Networks (SPEN) proposes to construct a 132-kV continuous overhead power line between Kennoxhead wind farm and Coalburn substation, about 14 km in a north–north-east direction.

Kennoxhead wind farm is on land south of the A70 road, near the village of Glespin on the Douglas Estate. Coalburn substation is on land west of the M74 motorway near Coalburn.

Map 1, below, shows the locations of Kennoxhead wind farm and Coalburn substation.

The developer of Kennoxhead wind farm approached SPEN to provide a grid connection to the wider electricity transmission network. SPEN has a legal duty under the Electricity Act 1989 to provide grid connections to new electricity-generating developments.

SPEN is undertaking consultation at the routeing stage, in line with its established approach to routeing, as part of an ongoing engineering and environmental review of potential route options for the overhead line. The outcome of this process is a **preferred** route on which comments are sought. The views expressed will be taken into account when establishing a **proposed** route for further assessment.

The proposed route will be subject to an environmental impact assessment to inform an application to the Scottish Government for consent to construct and operate the grid connection under Section 37 of the Electricity Act 1989.

What will the proposed route look like?

The proposal is for a 132-kV overhead power line using trident wooden poles, specifically 'H' poles for most of the route. These pole styles are necessary owing to the route's altitude above sea level. The poles will have an average height of 13 m and maximum of 22 m, with a typical span between the poles of about 70 m to 100 m.

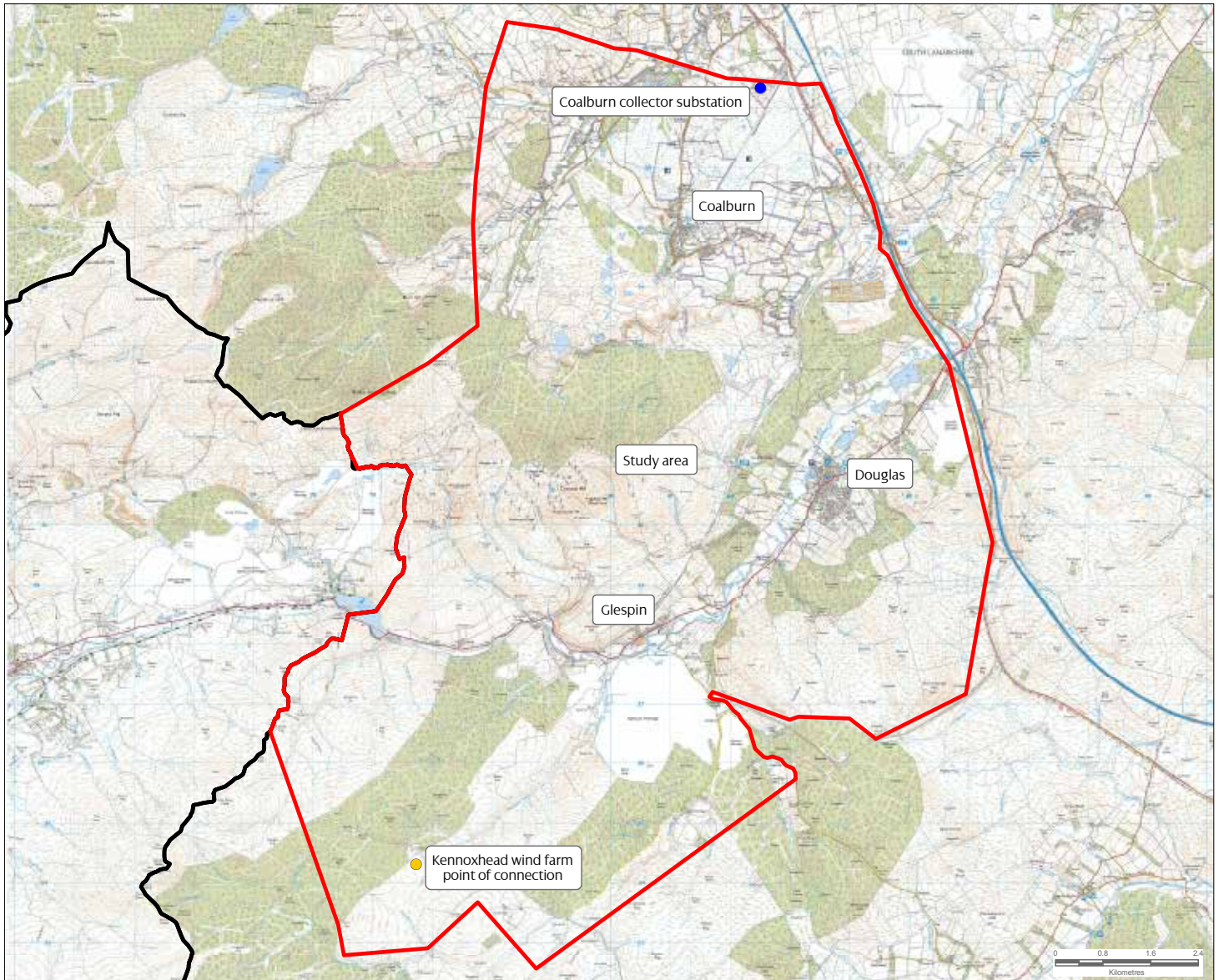


Trident single pole

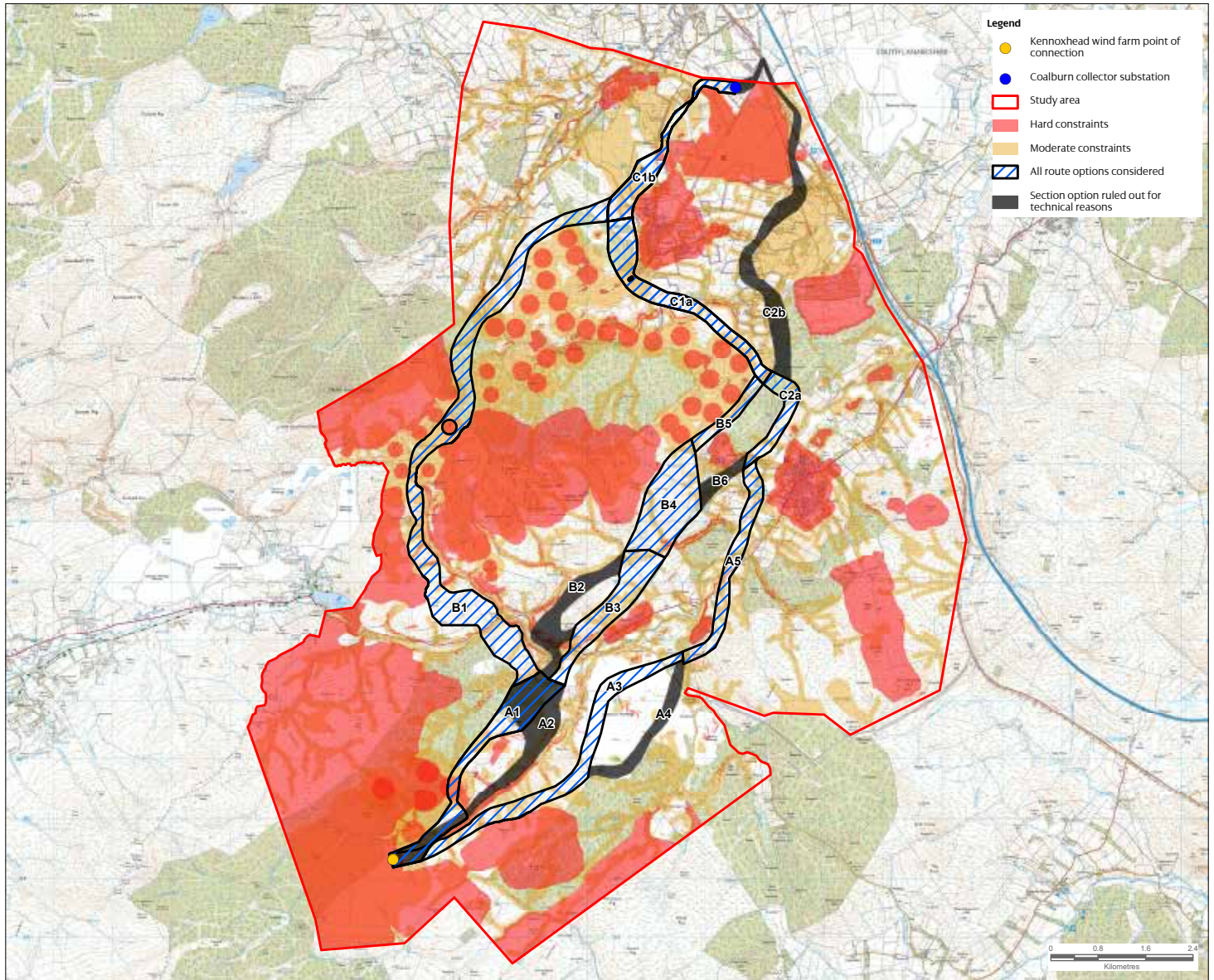


Trident H pole

Map 1: Locations of Kennoxhead wind farm and Coalburn substation



Map 2: Route options



Route options

Several route options were identified through analysing the environmental and technical considerations in the study area. This approach focused on avoiding or minimising interaction with the key environmental constraints.

The route options were analysed and compared, and a preferred route was identified, on the following basis:

- The preferred route is a direct route which avoids key environmental constraints and did not identify any significant technical challenges.
- Impact on settlements and private residencies would be limited, with only a few individual properties within the vicinity of the route option.

Several route options were considered during preferred route selection. These options are shown on Map 2, above.

Preferred route

The preferred route is about 18-km long and is shown on Map 3, overleaf.

Consultation

As part of our consultation process, we want to give you the opportunity to comment on the preferred route option.

A routing consultation report has been prepared providing details of the initial work undertaken to identify a preferred route for the grid connection. This has involved reviewing environmental features in the wider study area, identifying route options and appraising the route options.

The aim of the routing process is to minimise the environmental impact of the preferred route option, while selecting a route that is technically and economical viable.

A copy of the routing consultation report is available to download on the SPEN website at www.spenergynetworks.co.uk/pages/community_consultation

Scanning the QR code below using your mobile phone or tablet will also take you to the project website.



Public viewing

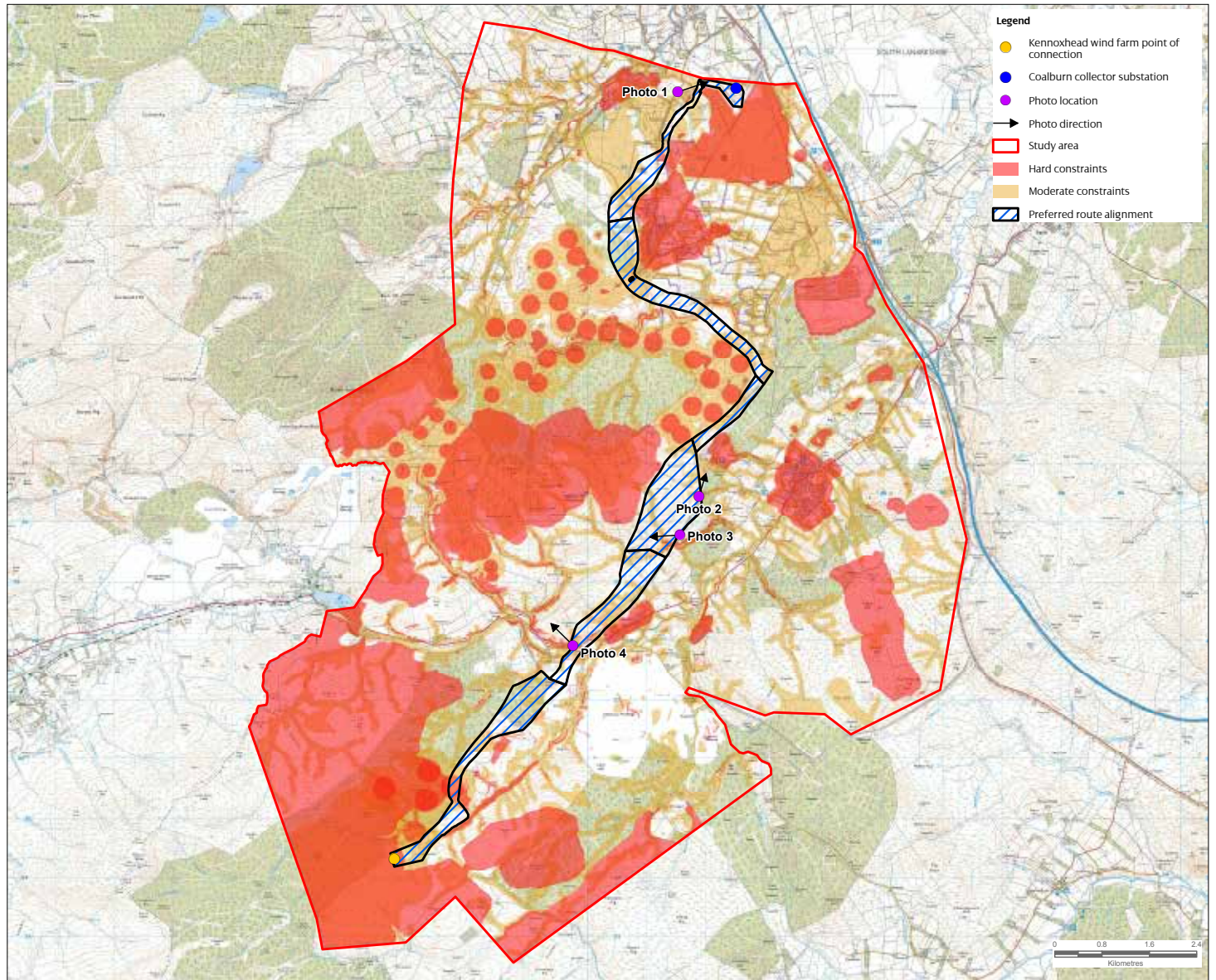
The report is also available for public viewing during normal hours at the addresses below:

South Lanarkshire Council
Planning and Economic Development
Montrose House · 154 Montrose Crescent · Hamilton · ML3 6LB

Coalburn Miners Welfare One Stop Shop
42 Coalburn Road · Coalburn · South Lanarkshire · ML11 0LH

Douglas St Brides Hall
Braehead · Douglas · Lanark · ML11 0QW

Map 3: Preferred route



Photograph 1: View north-east from Coalburn Road



Photograph 2: View from right of way north toward Douglas West Community Woodland



Photograph 3: View south-west from right of way towards Windrow Hill



Photograph 4: View north from right of way towards Long House Hill

Contact us

If you wish to comment on any aspect of the preferred route, contact us using the following e-mail or postal address by **15 March 2020**.

E-mail: KennoxheadGC@spenergynetworks.co.uk

Postal address: Kennoxhead Projects Team · Land and Planning Team · SP Energy Networks · 55 Fullerton Drive · Cambuslang · G32 8FA

Please note that any comments made during the consultation stage are not representations to the Scottish Government Energy Consents Unit, which will determine any subsequent application for consent. Following the submission of the Section 37 application, interested parties will have the opportunity to make representations to the Scottish Government on these proposals.