

## Construction



Construction of typical L4 tower

It is proposed that the transmission line would be constructed using the L4(M) steel lattice tower series. These towers have an average height of 26m, although this can be extended or reduced to ensure minimum safety clearances between the lines and the ground and to trees, roads etc and to accommodate sloping ground. An example of a typical L4 tower is shown above.

Line construction typically follows a standard sequence of operations which are:

- Prepare access
- Install tower foundations
- Erect towers
- String conductors
- Reinstate tower sites and remove temporary accesses

It is preferred to have vehicular access to every tower site for construction. Access can take various forms and is dependant on ground conditions. In poorer conditions more access works are required which can vary from laying temporary wooden or aluminium matting to installing crushed stone roads.

Every effort will be made to cause least disturbance to landowners and local residents during construction. The route of the line is selected to avoid as far as possible communities and individuals dwelling and to provide a sympathetic fit with the surrounding landscape. Ground disturbed during construction of the new lines will be reinstated

## Public Consultation & Further Information

If you require further information on the project you can visit the public exhibition which will be on display in Kilmalcolm Community Centre on the 8th & 10th of October 2007 and Bishopton Scout Hall on the 9th & 11th of October 2007. The exhibition will be open between the hours of 1:00pm to 7:00pm on each day.

In addition, members of the Project Team will be available to answer questions on the 10th of October at Kilmalcolm and the 11th of October at Bishopton at times and venues stated.

Copies of the Consultation Document, which sets out the full details of how the preferred route has been selected, are available for review at this facility. If you require a copy of this document for yourself you can view it on the internet at:

[www.sppowersystems.co.uk/networkservices/performance.asp](http://www.sppowersystems.co.uk/networkservices/performance.asp)

or you can request a CD-ROM or hard copy of the report by contacting:

[devolmoor.projectmanager@sppowersystems.com](mailto:devolmoor.projectmanager@sppowersystems.com)

or by writing to:



### S.P. Transmission & Distribution

Erskine to Devol Moor Project Manager  
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New Alderston House  
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Strathclyde Business Park  
Bellshill  
ML4 3FF

The public exhibition is there to present the project and also allow you to ask questions to members of the project team and make comments on the proposals. Your feedback is a vital part in the process of finalising the preferred route which consider the environmental issues along with public opinion.

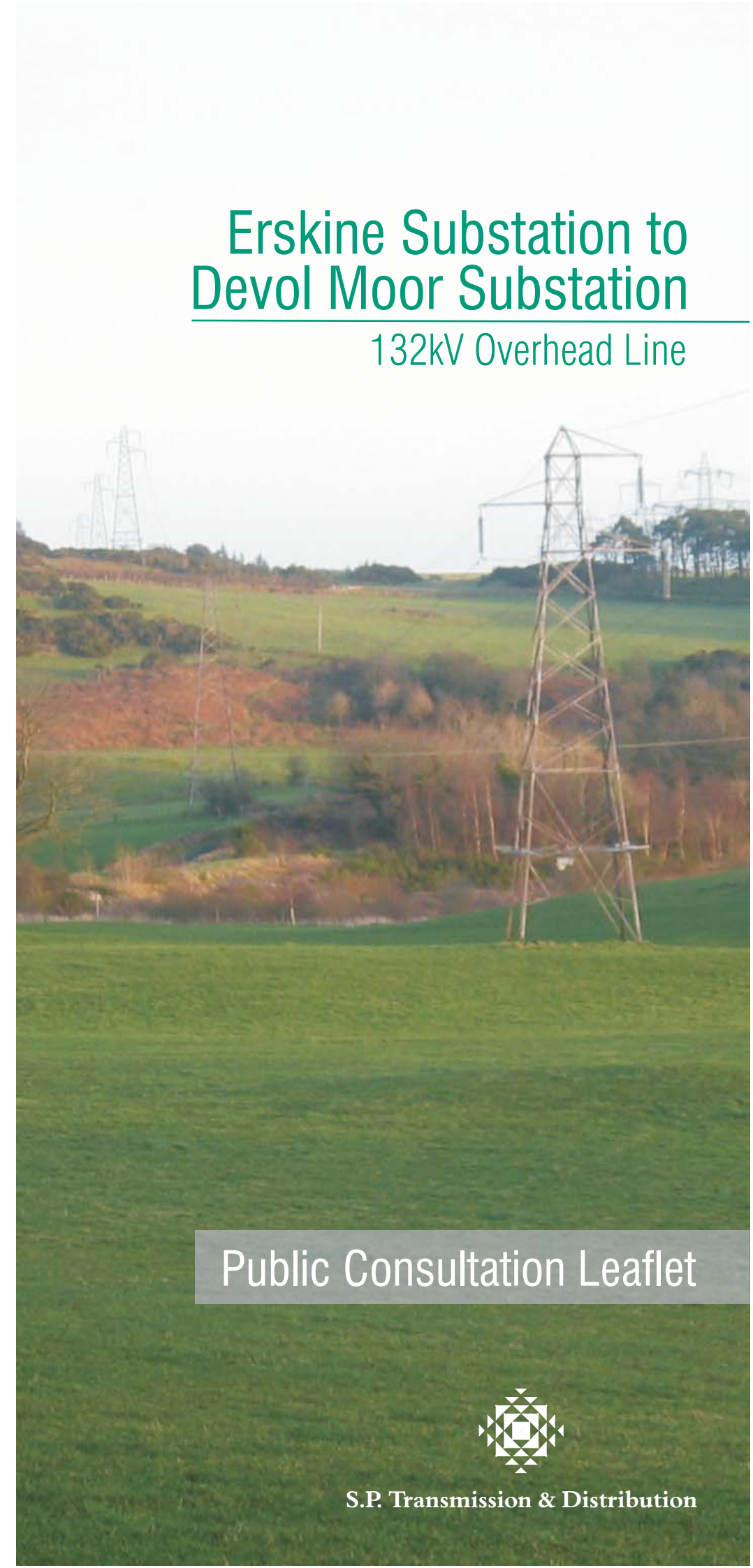
Following submission of comments and responses, SPT will found upon a proposed route for the connection. This will be carried forward to Environmental Impact Assessment (EIA) the results of which will be reported in an Environmental Statement (ES).

SPT will use the ES to support its Section 37 application under the Electricity Act 1989 to the Scottish Ministers for consent to install and operate the overhead line.

IronsideFarrar  
environmentalconsultants

# Erskine Substation to Devol Moor Substation

## 132kV Overhead Line



Public Consultation Leaflet



S.P. Transmission & Distribution

# Project Overview

SP Transmission Ltd (SPT) proposes to replace the existing 132kV overhead transmission line between Erskine Substation and Devol Moor Substation, the location of which is shown on the plan to the right. The preferred route for the replacement transmission line is also shown on the plan and was identified through an options appraisal exercise. Upon the completion of the new line, the existing one will be removed.

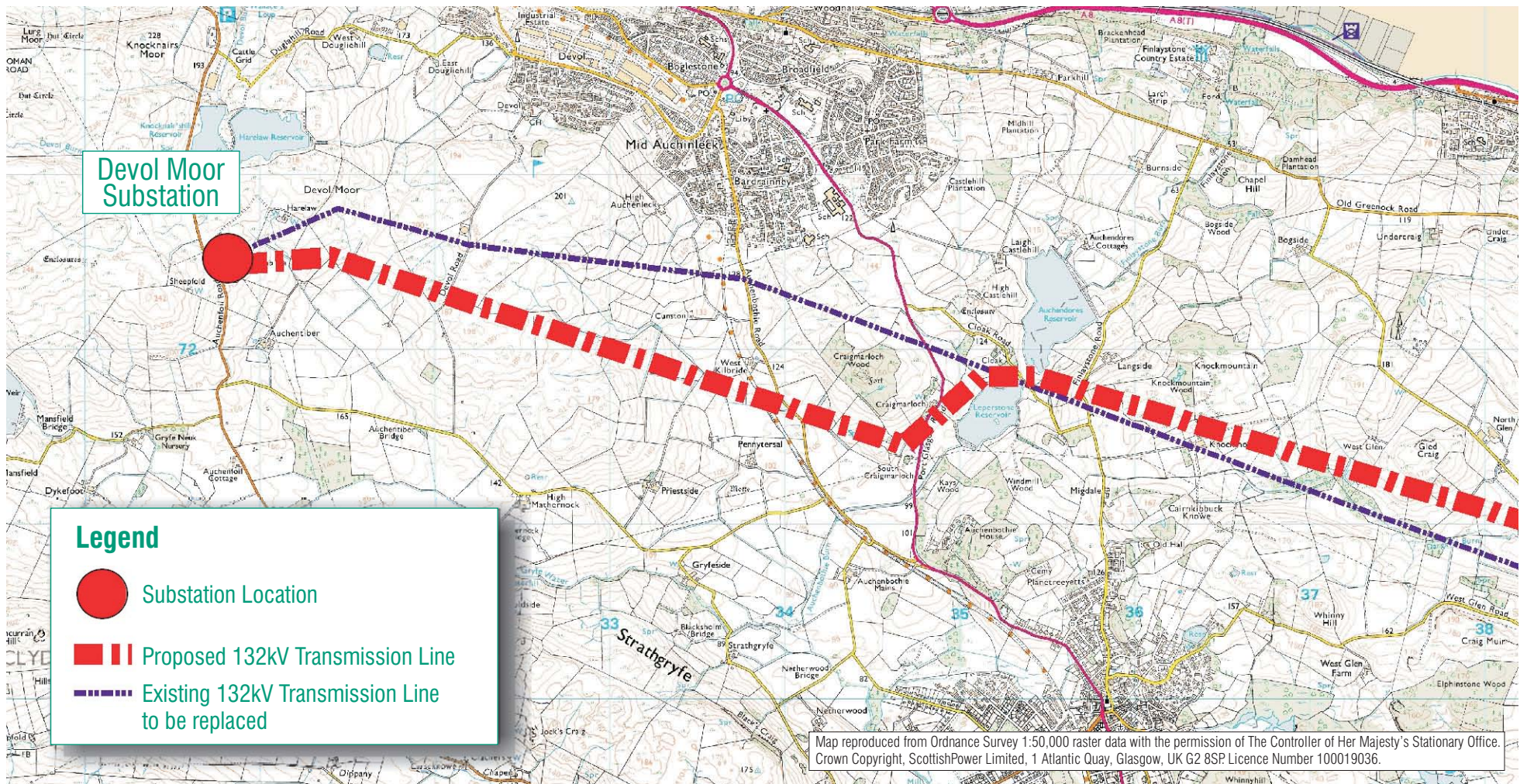
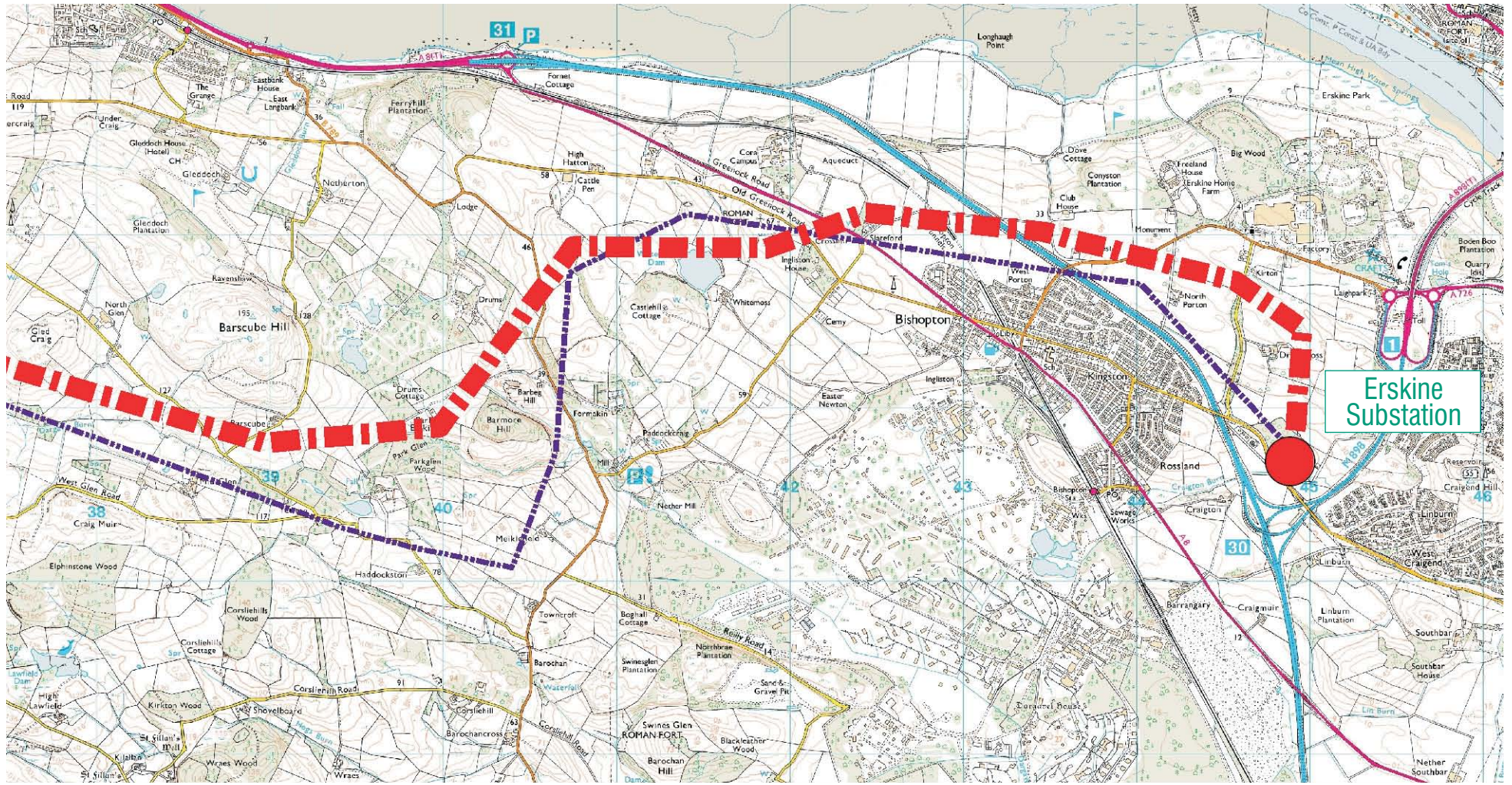
SPT are responsible for the electricity transmission system in the south of Scotland. As the transmission licence holder, SPT is required under the electricity Act 1989 to develop and maintain an efficient, co-ordinated and economical system of electricity transmission. In developing and maintaining this transmission system, SPT is committed to minimising disturbance to people and the environment.

To get to this stage Ironside Farrar Ltd were commissioned by SPT in June 2006 to undertake an options appraisal exercise for the proposed replacement 132kV overhead transmission line. The appraisal was based on the identification and assessment of the baseline landscape and environmental features present within the study area, which formed the key drivers in the identification of the preferred routes.

This leaflet gives a broad overview of the proposals and provides information on where further details can be obtained. The leaflet also sets out how you can have your say on the project and make comment on the options present.



Examples of an L4 tower (as proposed)



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