

APPENDIX 10.2:

SUBSTATION PLANTING PROPOSALS: PLANT SCHEDULE AND NOTES

Introduction

1. The objective of the planting proposals around the substation is to provide some appropriate landscape screening in keeping with the surrounding landscape, and to provide some ecological enhancement in terms of cover for birds and reptiles.
2. The species, layout and density of the planting have been selected based on advice given by a Biodiversity Officer from East Lothian Council (through formal discussions with the Landscape Project Officer), and in collaboration with project ecologists.

Planting Proposals

3. The upland setting of the Lammermuir Hills comprises rough heathland, grassland, heather moorland and bog, with some infrequent clumps of scrub, including species such as hawthorn and juniper. A continuous stand of dense planting is considered inappropriate in this context. Planting will be arranged in such a way as to reflect natural characteristics typical in the locality, and in response to site conditions.
4. In order to reflect local conditions, the planting layout will be arranged to create open drifts and clumps of species, at varying densities, as indicated on Figure 10.8 'Substation Berm and Planting Proposals'. This figure also indicates areas where planting will not be implemented due to known constraints (such as sensitive habitats or future development). Planting shall be carried out in low density single species and multi-species clumps to obtain a naturalistic effect.
5. Planting densities will be provided as part of the detailed planting proposals, but will aim to optimise potential for screening in combination with proposed berm, whilst being at a low density as is typical of the existing landscape. Planting areas will have soft naturalistic edges. Berms will be shaped with tops and bottoms of slopes rounded off to remove sharp angles and help integrate with the surrounding landform. Gradients will be very gentle as is the case with the existing landscape. No planting is proposed on inward-facing berms due to their orientation and gradient.
6. All planting material to be in accordance with BS 3936-1: 1992 Nursery Stock. Landscape operations to be in accordance with BS 4428: 1989 Code of Practice for General Landscape Operations.
7. Planting stock to be of local provenance as far as possible, as determined and described in accordance with Forestry Commission Practice Note 8: Using Local Stock for Planting Native Trees and Shrubs.
8. Plants to be adequately protected from wind and grazing animals during establishment. Protective measures shall be in place at the time of planting to ensure that no damage occurs.

9. The success of planting will be monitored during a three year maintenance period and replacements will be proposed for any failures.
10. Soil storage will be in accordance with Soil Resource Management Plan, to be developed in detail prior to construction to ensure that soil resources are managed in accordance with best practice, including DEFRA (2009) *Construction Code of Practice for the Sustainable Use of Soils on Construction Sites*, and British Standards Institute (2005):BS5837:2012 *Trees in relation to design, construction and demolition – Recommendations*.
11. Habitat restoration will be in line with SNH Guidance, *Good practice during windfarm construction*, October 2010.
12. A plant schedule is provided below.

Plant Schedule

Species	% Mix	Habit	Height	Root Condition
<i>Crataegus Monogyna</i>	25	I+I	40-60 cm	Bare root
<i>Juniperus communis ssp.communis</i>	25	Bushy	20-40 cm	2L pot
<i>Prunus spinosa</i>	25	I+I	40-60 cm	Bare root
<i>Sorbus aucuparia</i>	25	Whip	80-100 cm	Bare root

