

## NeSTS PROJECT STAKEHOLDER MEETING FEBRUARY 1<sup>ST</sup> 2017

### ENVIRONMENTAL ASPECTS: VISUAL, LANDSCAPE, AND AESTHETIC CONSIDERATIONS

The monopole structure was identified as the preferred design during the first round of stakeholder engagements in 2016.

Since then the design of the new monopole structure has been progressed by the Scottish & Southern Electricity Networks team in response to the feedback received from stakeholders at the previous engagement event, as well as in response to technical buildability, maintenance, cost and environmental considerations.

Before the detailed design is finalised later in 2017, Scottish & Southern Electricity Networks wish to invite stakeholders to express their views on the visual, landscape and overall aesthetic aspects of the design.

Photomontages have been prepared for both the new monopole design and the existing steel lattice towers, (suspension structures only), for a range of Scottish landscape types where the structures might typically be seen.

You are invited to view the photomontages and the structure models, then answer three questions associated with the appearance of the structures and how well they address visual, landscape, and aesthetic considerations. Explanatory notes have been provided to assist with the scoring.

We welcome any additional comments that you may wish to make, and space is provided at the end of each question for this purpose.

**NeSTS ENVIRONMENTAL SCORE CARD: VISUAL, LANDSCAPE, & AESTHETIC CONSIDERATIONS**

**Question 1 - Visual consideration: The perceptibility of the structure.**

Perceptibility of Structure reflects on how prominent the structure is considered to be in terms of its visual bulk and visual transparency. There is likely to be a preference for a structure that is less prominent.

Rate the success of both the steel lattice tower and the monopole in terms of the following four scenarios, by ticking the appropriate boxes:

- Foreground
- Distance
- Backclothed
- Skylined

Scoring is on a continuum from 1 to 5 where Very Good (5) is scored where a structure is considered to be least prominent in the landscape, and Very Poor (1) is scored for a structure that is considered to be very prominent.

Steel Lattice Tower			Monopole		
Foreground	Very good		Foreground	Very good	
	Good			Good	
	Neutral			Neutral	
	Poor			Poor	
	Very Poor			Very Poor	
Distance	Very good		Distance	Very good	
	Good			Good	
	Neutral			Neutral	
	Poor			Poor	
	Very Poor			Very Poor	
Backclothed	Very good		Backclothed	Very good	
	Good			Good	
	Neutral			Neutral	
	Poor			Poor	
	Very Poor			Very Poor	
Skylined	Very good		Skylined	Very good	
	Good			Good	
	Neutral			Neutral	
	Poor			Poor	
	Very Poor			Very Poor	

**Comments:**

**Question 2 - Landscape consideration: The 'Fit' of the structure into the Scottish Landscape**

Rate both the steel lattice tower and the monopole for the four landscape types (as illustrated in the photomontages), by ticking the appropriate boxes.

Considerations should include:

- The flexibility of the structure height and spans in the four different landscape types; and
- The relative scale of the structure in the four different landscape types.

Scoring is on a continuum from 1 to 5 where Very Good (5) is scored for a structure that is considered to have a good fit in the landscape and where the scale of the structure is not at odds with the surrounding landscape, and Very Poor (1) is scored for a structure that does not fit well in the landscape and the scale of the structure is at odds with the surrounding landscape.

Steel Lattice Tower			Monopole		
Agricultural Lowland	Very good		Agricultural Lowland	Very good	
	Good			Good	
	Neutral			Neutral	
	Poor			Poor	
	Very Poor			Very Poor	
Upland Moorland	Very good		Upland Moorland	Very good	
	Good			Good	
	Neutral			Neutral	
	Poor			Poor	
	Very Poor			Very Poor	
Strath	Very good		Strath	Very good	
	Good			Good	
	Neutral			Neutral	
	Poor			Poor	
	Very Poor			Very Poor	
Forest /woodland edge.	Very good		Forest /woodland edge.	Very good	
	Good			Good	
	Neutral			Neutral	
	Poor			Poor	
	Very Poor			Very Poor	

**Comments:**

**Question 3 - Aesthetic consideration of the form/shape of the structure.**

Rate both the steel lattice tower and the monopole in terms of overall form and shape, by ticking the appropriate boxes

Consideration is to be given as to whether:

- The shape of the structure is visually pleasing; and
- The structure appears well proportioned.

Scoring is on a continuum from 1 to 5 where Very Good (5) is scored for a structure that is considered to be visually pleasing in the landscape, and Very Poor (1) is scored for a structure that is not considered to be visually pleasing in the landscape.

<b>Steel Lattice Tower</b>		<b>Monopole</b>	
Very good		Very good	
Good		Good	
Neutral		Neutral	
Poor		Poor	
Very Poor		Very Poor	

**Comments:**