

1 Has your design been put into practice in Iceland and if so how long has it been operational?

The Giants have not yet been constructed in Iceland, but they are scheduled to be built in Iceland in 2017.

2 At what voltage and power rating are the structures designed to accommodate?

We have several different versions of the Giants, ranging from 400kV 6-wire lines down to 63kV lines. The Icelandic Giants were designed for a 3-wire, 220kV line with a typical line height of 27m at the towers, and was specific to their requirements.

3 What is the price differential between your design and the traditional alternative?

The Giants are more expensive than a standard open web steel lattice pylons, which is inevitable as standard pylons are produced in large quantities and engineered to be as cheap and structurally efficient as possible. Indeed, it is their only goal. We do not have detailed costs for the Giants, but we were given estimates ranging from 30% to several times more than a standard open web steel structure.

4 What facilities exist for linesmen to climb the structure to reach the lines and insulators?

We have investigated access for linesmen, and as the Giants are made with the same L-channel steel members as traditional pylons, there is no difficulty with accessing or servicing the Giants.

5 Has any UK or European transmission operator taken an interest in your design?

Yes. The Giants have been highly regarded by several European power transmission companies.

In addition to Landsnet, whom we have been working with for the past 5 years, we have worked with RTE in France and Lyse energi in Norway, and dozens of other countries with varying degree of interest.