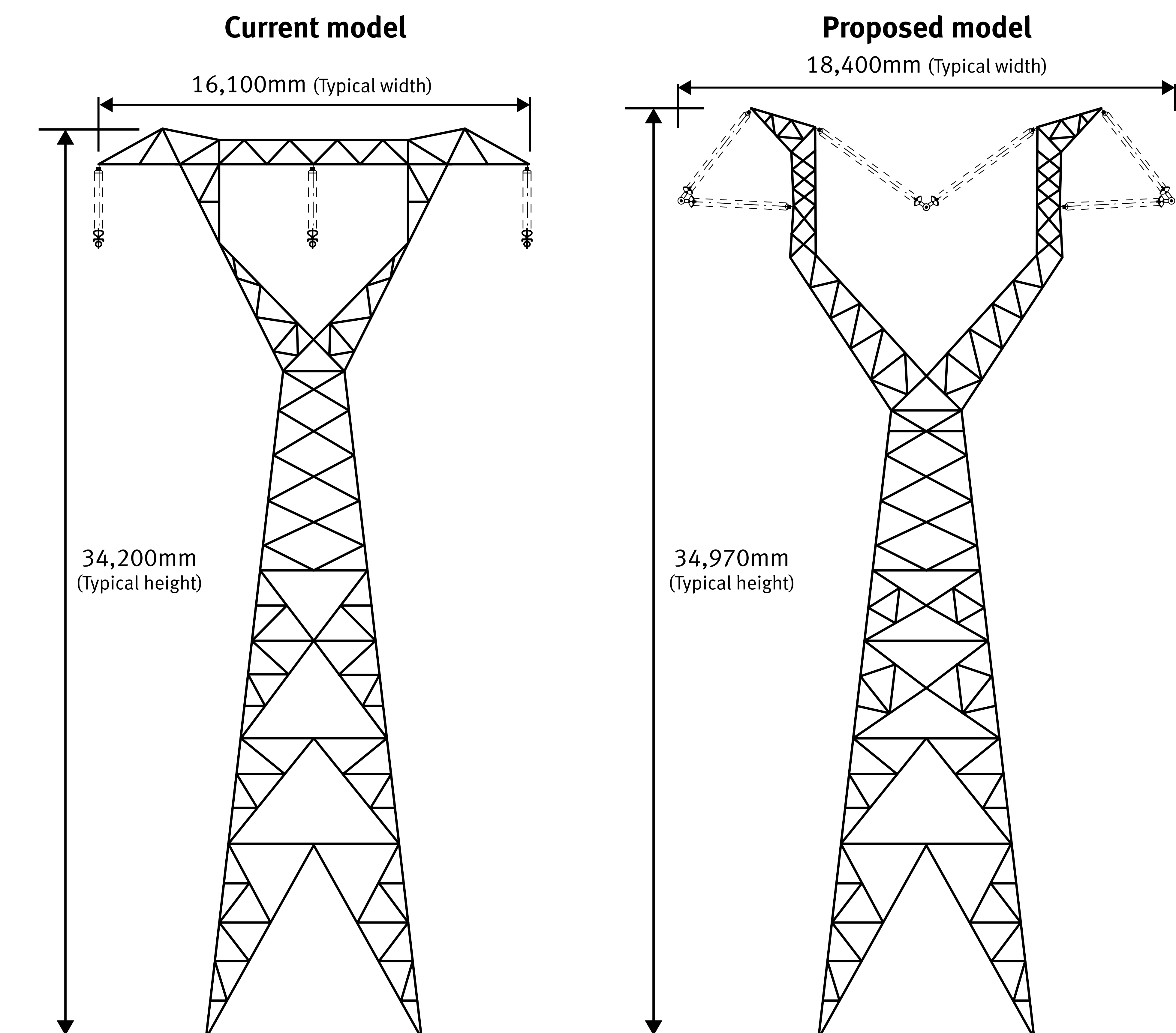


Emerging best performing option: Connect two existing 220 kV overhead lines and increase voltage to 400 kV

This option is illustrated in the figure below.



**The tower on the left is the current model used on the existing route.
These would be replaced by the model on the right.**

Assessment

Based on our assessments to date, we have identified this option as the emerging best performing option.

This option has a very good technical performance. However, it would use two existing circuits to achieve the required upgrade. This means it does not perform as well as an additional new circuit, which would give more operational flexibility. This option's economic performance is good in comparison with the other options.

This option has the overall best performance in relation to environmental and socio-economic factors compared with the other options. This option's environmental impact is mainly related to its construction. Once operational, this option would not be significantly different from the current baseline.