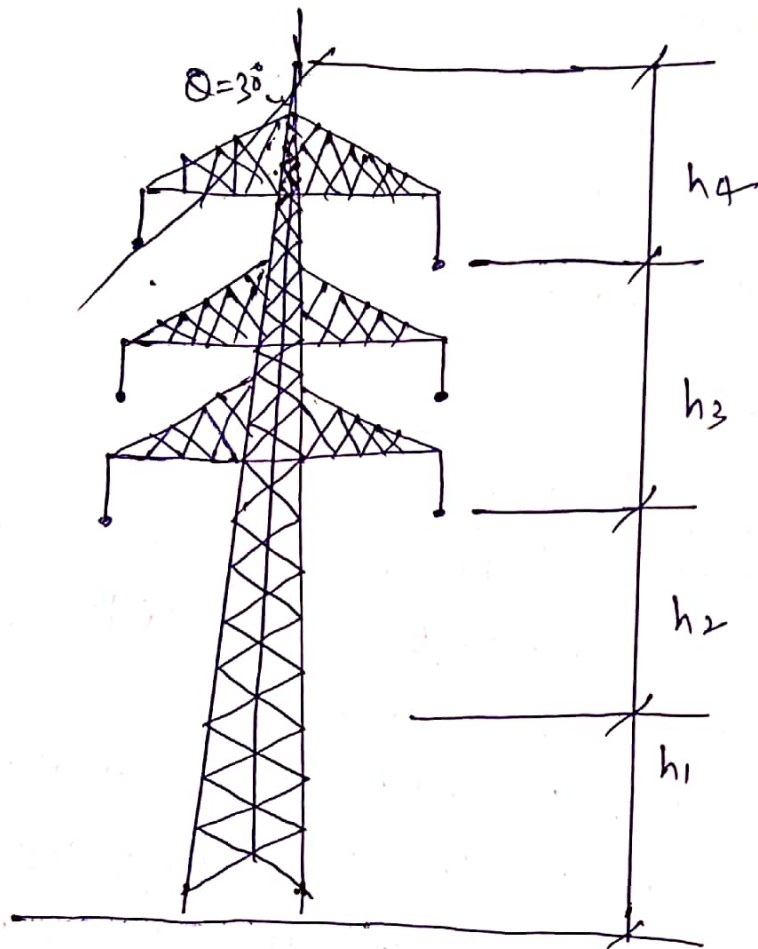


Ques 3: → Sketch the steel tower of 132 kv and also write its length diameter height, distance b/w two insulators?

Ans: →



Transmission line of Steel Power of 132 kv.

The purpose of a transmission line tower is to support conductors and carrying electrical power and one or two ground wires at suitable distances above the ground level. The transmission line tower cost about 45 to 35 per cent of the total cost of the transmission line. A transmission line. A transmission tower is a space truss and is a under tension structure.

Depending upon the requirement of a transmission system various line configurations have to be considered ranging from single circuit horizontal to double circuit -

Conduct is a horizontal to vertical distribution of single or v strings in all phases as well as any combination of them.

1) The length of the insulator Assembly.
minimum ground clearance.

The electric power grids they are generally used to carry high voltage transmission lines that transport bulk power from generating stations to electrical substations. Utility poles are used to support lower voltage.

Subtransmission lines and distribution lines that transport power from substations to electric customers. They come in wide variety of shape and size. Typical height ranges from 15 to 55 m (49 to 180 ft) though the tallest are the 370 m (1214 ft) towers of a 2700 m

8050 (ft) span by Zhoushan island overhead powerline in China. In addition to steel other materials may be used including concrete and wood.

Suspension terminal tension and transposition some transmission towers combine these basic functions.

Transmission tower and their overhead power lines are often considered to be a form of visual pollution. Method for reduce the visual impact include undergrounding.