

910/911 132kV Reconducting Upgrade Energy Australia

Project: 910/911 132kV Re Conductoring Upgrade

Client: Energy Australia

Location: Sydney, NSW

Contract Value: \$A1,500,000

Completion Date: February 2001

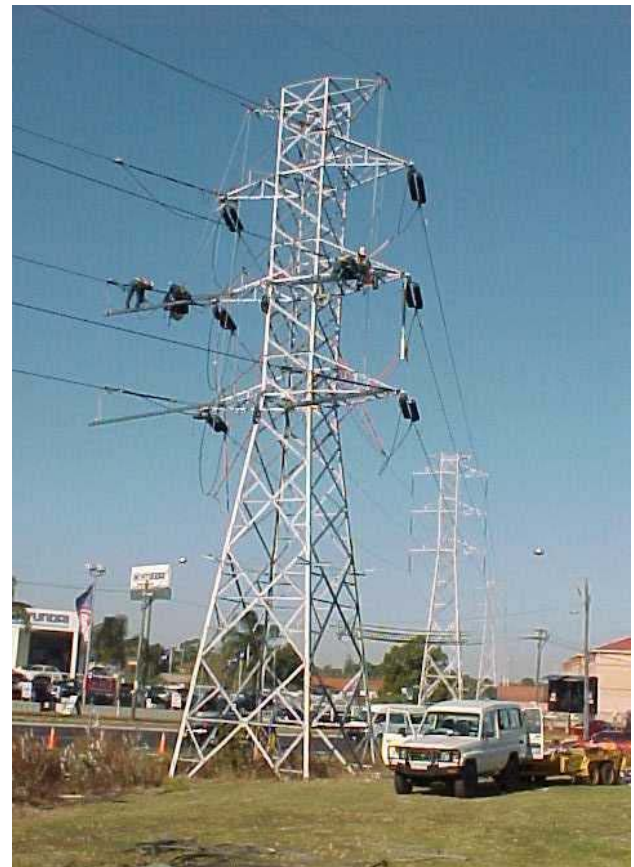
Electrix Pty Ltd won the contract to re-conductor from Goat to Olive conductor, the 132kv double circuit line in urban Sydney from South Sydney Substation to Chullora and then back down to Canterbury substation.

The work involved:

- Re-conductoring 74 tower structures of which, 64 were strains and 10 suspension structures.
- Strengthen 17 tower structures due to increased size of the conductors and extra tension being applied to the structures
- Installation of three 24 metre double circuit concrete poles in specific spans to raise conductor clearances

During the re-conductoring Electrix had to negotiate six railway crossings and two main highway crossings with one of the railway crossings requiring the cradle block method for stringing the conductors.

Energy Australia was very pleased with the help and support that Electrix Pty Ltd showed in completing the project in the given time frame.



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