

**QUESTION ON NOTICE****No. 320****asked on Tuesday 22 March 2005**

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MR ROBERTS ASKED THE MINISTER FOR ENERGY AND ABORIGINAL AND TORRES STRAIT ISLANDER POLICY (MR MICHEL)—

QUESTION:

With reference to the Nudgee Electorate –

Will he outline (scope and cost) all current (2003-04 and 2004-05) and planned capital works projects in both transmission and distribution which will assist the reliability of supply for my constituents?

ANSWER:

Powerlink Queensland (Powerlink) advise their major terminal substation at South Pine (in Pine Rivers electorate) provides bulk electricity to ENERGEX's distribution network within the Nudgee electorate. Powerlink commenced projects in the 2004-05 financial year at an estimated cost of over \$30 million to upgrade supply capability at South Pine substation.

The projects involve:

- installation of 110 kilovolt (kV) switchgear to improve reliability and support the transmission network during high electricity load periods. Estimated completion scheduled for October 2005.
- refurbishment of both the 275 kV and 110 kV switchyards. Involves replacing aged switchgear, transformers and other various equipment. Work will take place in two stages. Refurbishment of the 275 kV switchyard, estimated completion scheduled for October 2006. Refurbishment work at the 110 kV switchyard is currently being scoped and will follow stage one.
- installation of an additional 50 MegaVar capacitor bank at South Pine Substation. Estimated completion scheduled for October 2005.
- installing a second 375 Mega Volt Amp transformer to ensure forecast peak summer loads continue to be met. Estimated completion scheduled for October 2006.
- upgrading of two existing transformers to increase capacity at the substation. Estimated completion scheduled for October 2006.

ENERGEX (distribution entity) advise they commenced the following projects in the 2004-05 financial year:

- installation of a Padmounted transformer in Radley Street, Virginia. Completion scheduled for April 2005.
- upgrade Pole Mounted transformer in Boonal Street, Nudgee. Completion scheduled for June 2005.

Further planned works are to be completed by ENERGEX in the 2005-06 budget year. Both projects (estimated cost of \$1.7 million) are scheduled to be completed around October 2005.

- upgrade transformer at Geebung Substation.
- upgrade 33 kV feeder F671 Bald Hills to Zillmere.