

QUESTION ON NOTICE

No. 1027

asked on Thursday 2 September 2004

MRS CROFT ASKED THE MINISTER FOR ENERGY (MR MICKEL)—

QUESTION:

What is his department doing to improve the reliability of energy services for the residents of the Broadwater Electorate and the Gold Coast?

ANSWER:

I thank the Member for her question.

ENERGEX provides distribution services to the residents of the Gold Coast and Broadwater Electorate. I am advised the following major capital works are planned for the ENERGEX network which is located in the Broadwater Electorate area in 2004-05. Timing for project completion is based upon ENERGEX's current assessment of factors such as load growth in the areas concerned.

Project Name	Total Cost of Project
Hollywell - Extend 11 kilovolt (kV) supply to South Stradbroke Island	\$3,000,000
Hollywell - Establish 11 kV tie circuit to Runaway Bay Shopping Centre	\$47,306
Hollywell Substation – Upgrade 33/11 kV substation	\$2,732,100
Hollywell – Establish a new 11 kV feeder to the north	\$1,000,000
Hope Island - Establish new feeder to the west	\$97,600
Hope Island - Establish the second 33/11 kV transformer	\$4,000,000
Labrador Substation - Install fans on 33/11 kV transformers	\$334,000

In addition to major Capital Works described above, ENERGEX has an ongoing program of network maintenance covering the following:

- Systematic detailed inspection of all above ground electricity distribution equipment;
- Pre-storm season patrols of all high voltage lines;
- Corrective maintenance work identified from inspection programs;
- Vegetation Management around powerlines; and
- Programmed inspection and maintenance on major plant - for example transformers and switchgear.

Gold Coast

The following major capital works are planned for the Gold Coast region in 2004-05. Timing for project completion is based upon ENERGEX's current assessment of factors such as load growth in the areas concerned.

Project Name	Total Cost of Project
Arundel - Establish new 33/11 kV substation	\$7,266,294
Beenleigh – Establish tie to 11 kV feeder BLH9B	\$339,914
Beenleigh - Upgrade feeder BLH9B	\$28,272
Beenleigh substation - Upgrade 110/33 kV transformer	\$2,059,800
Beenleigh substation - Upgrade 33 kV busbar	\$165,700
Beenleigh North – Establish a 33/11 kV substation	\$4,571,938
Broadbeach - Upgrade 11 kV feeder BBH10A	\$25,000
Broadbeach - Upgrade 11 kV Network	\$209,405
Broadbeach - Upgrade existing 11 kV backbone	\$72,760
Bundall - Establish new 11 kV feeder to the South	\$406,600
Bundall - Upgrade 11 kV feeder BDL2	\$70,031
Bundall - Upgrade 11 kV feeder BDL4	\$83,406
Bundall Substation – Establish a 110/11 kV substation	\$5,000,000
Bundall substation - Install fans on 33/11 kV transformers	\$211,000
Burleigh Heads – Upgrade 33 kV feeder to Miami	\$506,200
Burleigh Heads – Upgrade 33 kV feeder to Palm Beach	\$48,000
Burleigh Heads Substation – Install new 110/11 kV transformer	\$2,210,700
Cades County – Establish a new 11 kV underground feeder to the Westfield Shopping Centre	\$1,634,155
Cades County Upgrade CCY7A feeder tail	\$159,575
Cades County Upgrade CCY1B feeder tail	\$20,541
Coomera – Establish new 110/33 kV substation	\$10,000,000
Coomera substation - Establish 2nd 110/33kV transformer and new 33/11 kV Substation	\$7,995,021
Currumbin substation - Install fans on 33/11 kV transformers and Install 5 Mvar Capacitor Bank	\$377,000
Currumbin substation – 33 kV link to Palm Beach and establish the 2 nd 33/11 kV transformer	\$5,000,000
Gaven – Replace a section of 11 kV underground cable (GVNSNT2)	\$140,000
Gaven Substation – Upgrade 33/11 kV transformer to 25MVA unit	\$643,100
Hollywell - Extend 11 kV supply to South Stradbroke Island	\$3,000,000
Hollywell - Establish 11 kV tie circuit to Runaway Bay Shopping Centre	\$47,306

Project Name	Total Cost of Project
Hollywell substation – Upgrade 33/11 kV substation	\$2,732,100
Hollywell – Establish a new 11 kV feeder to the north	\$1,000,000
Hope Island - Establish new feeder to the west	\$97,600
Hope Island - Establish the second 33/11 kV transformer	\$4,000,000
Kirra Substation - Implement Protection Scheme	\$62,000
Labrador Substation - Install fans on 33/11 kV transformers	\$334,000
Merrimac – Upgrade 110 kV underground circuits to Broadbeach	\$12,800,000
Merrimac – Establish a 110/11 kV substation	\$6,000,000
Miami – Upgrade 11 kV Feeder MAI13	\$16,209
Miami substation - Install Fans on 33/11kV transformers and Install 5 Mvar Capacitor Bank	\$385,000
Molendinar – Reconfigure 11 kV feeders	\$80,100
Molendinar Substation – Upgrade 110 kV overhead bus	\$267,000
Molendinar Substation – Establish the second 110/11 kV transformer	\$3,000,000
Mudgeeraba Substation - Install Fans on 33/11 kV Transformer	\$37,160
Nerang – Establish a new 11 kV underground feeder to the West	\$1,800,000
Nerang – Upgrade 11 kV Underground cable (NRG4)	\$136,724
Nerang – Upgrade 11 kV Underground cable (NRG6)	\$53,755
Nerang – Upgrade 11 kV Underground cable (NRG8A)	\$28,272
Nerang substation – Upgrade substation capacity	\$5,000,000
Palm Beach - Upgrade feeder PBH2B	\$101,400
Palm Beach substation - Install Fans on 33/11 kV transformers and Install 5 Mvar Capacitor Bank	\$845,100
Robina – Install 11 kV tie on RBA34A	\$162,043
Robina – Install 11 kV tie on RBA42A	\$720,000
Robina – Install 11 kV tie on RBA37B	\$72,205
Southport - Replace a section of 11 kV Underground cable (SPO32A, SPO41A)	\$499,187
Southport – Establish two 11 kV feeder to Australia Fair Shopping centre	\$312,800
Surfers Paradise - Install a new 11 kV switch on Feeder SPD4B	\$12,678
Varsity Lakes – Establish new 110/11 kV substation	\$15,884,900
Yatala – Establish a new 11 kV feeder to Carlton United Brewery	\$172,591
Yatala - Establish new 11 kV feeder to the East	\$600,000
Yatala – Upgrade 11 kV Feeder YTA2A	\$20,851