

Appendix D

## Community consultation material

# New City East substation

Community Newsletter 1 - May 2010

## Investing in the future

EnergyAustralia is investing around \$1 billion on the electricity network in Sydney's CBD over the five years to 2014. This is part of an \$8 billion investment throughout our network area over the next five years.

This work is required to meet the rising demand for electricity, further increase the reliability of supply for customers and also to replace existing equipment that is scheduled to be retired.

## A vision for Sydney's CBD

The Sydney CityGrid project is EnergyAustralia's plan for the CBD electricity network over the next decade and beyond. It involves constructing up to three new zone substations, replacing and upgrading the high voltage cables and constructing a new tunnel to link into our existing network of CBD cable tunnels.

The Sydney CityGrid project will expand the electricity network to support the growth of the CBD.

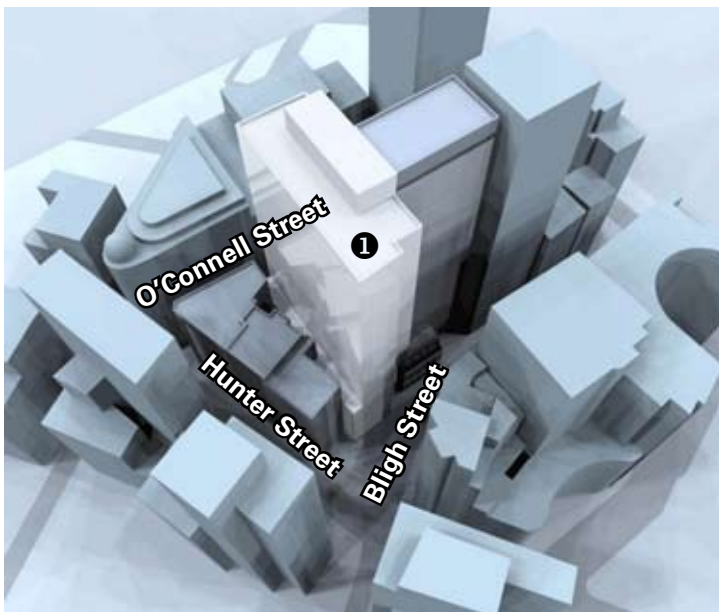
EnergyAustralia is also working to meet new licence requirements to enhance supply security to the CBD network to further enhance the high reliability of power supplies to businesses and residents in the city centre.

## A new City East zone substation

A key part of our plans for the CBD is a new substation on EnergyAustralia's property at 33 Bligh Street (Kindersley House) - see aerial map below and image top right.

The site is ideally located to meet the future demand for electricity in the north eastern section of the CBD.

As part of this project, EnergyAustralia plans to construct a short section of tunnel to connect this substation into our proposed City East Cable Tunnel.



1 INDICATIVE 3D MODEL OF PROPOSED CITY EAST SUBSTATION DEVELOPMENT



1 THE SITE FOR THE PROPOSED NEW CITY EAST ZONE SUBSTATION

## Unique substation design

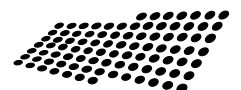
The new City East zone substation will be one of EnergyAustralia's modern CBD substations designed to complement the surrounding streetscape.

In recognition of the size and value of the property and the need for active development, EnergyAustralia is investigating options to construct an integrated commercial development with the substation. Our existing City South substation, which is located in the basement levels of Roden Cutler House, opposite the Capitol Theatre, is one such example of an integrated development.

## Community involvement

EnergyAustralia is committed to involving the community at the planning stage of our infrastructure projects to ensure local issues are balanced against the wider community's electricity requirements.

We will be holding meetings with nearby properties over the coming weeks. If we have not contacted you and you would like to meet to discuss the project please contact us and we would be happy to arrange a suitable time to come and meet you. See contacts overleaf.



**EnergyAustralia**  
We're on it

## Approvals process

The new City East zone substation is being assessed as part of the Sydney CityGrid program of works under part 3A of the Environmental Planning and Assessment Act 1979.

The Minister for Planning granted concept approval for the Sydney CityGrid project in September 2009. Separate project approval is now being sought for the component projects of CityGrid, including the new City East zone substation.

EnergyAustralia has contracted independent international consultancy firm GHD to conduct the project's Environmental Assessment.

## Environmental Assessment process

The Environmental Assessment for this project will be divided into two stages and will identify the environmental impacts of each stage of the project and provide a statement of commitments to ensure potential issues are addressed.

Once completed, the Environmental Assessments will be placed on public display for a minimum of 30 days. The Department of Planning will accept submissions about the project during this period. EnergyAustralia will review the submissions received and address the points raised in a Submissions Report.

EnergyAustralia will notify you when the Environmental Assessments are placed on public display.

### Stage one

The stage one environmental assessment includes:

- demolition and bulk excavation of the site,
- preliminary works associated with our proximity to proposed rail assets, and
- construction of a 150 metre tunnel to link into our proposed City East Cable Tunnel.

### Stage two

The second stage will be the assessment relating to design and construction of the new substation and commercial building.



① INDICATIVE 3D MODELLING OF PROPOSED SIZE OF INTEGRATED SUBSTATION & COMMERCIAL DEVELOPMENT VIEWED FROM BLIGH STREET

## Meeting environmental and health standards

EnergyAustralia plans its infrastructure in line with relevant standards for the environment and health for both construction and operation of the substation.

This includes managing noise during construction and meeting relevant health standards for electric and magnetic fields (EMF) that are produced by all electrical equipment including home and office appliances, substations and electrical cables.

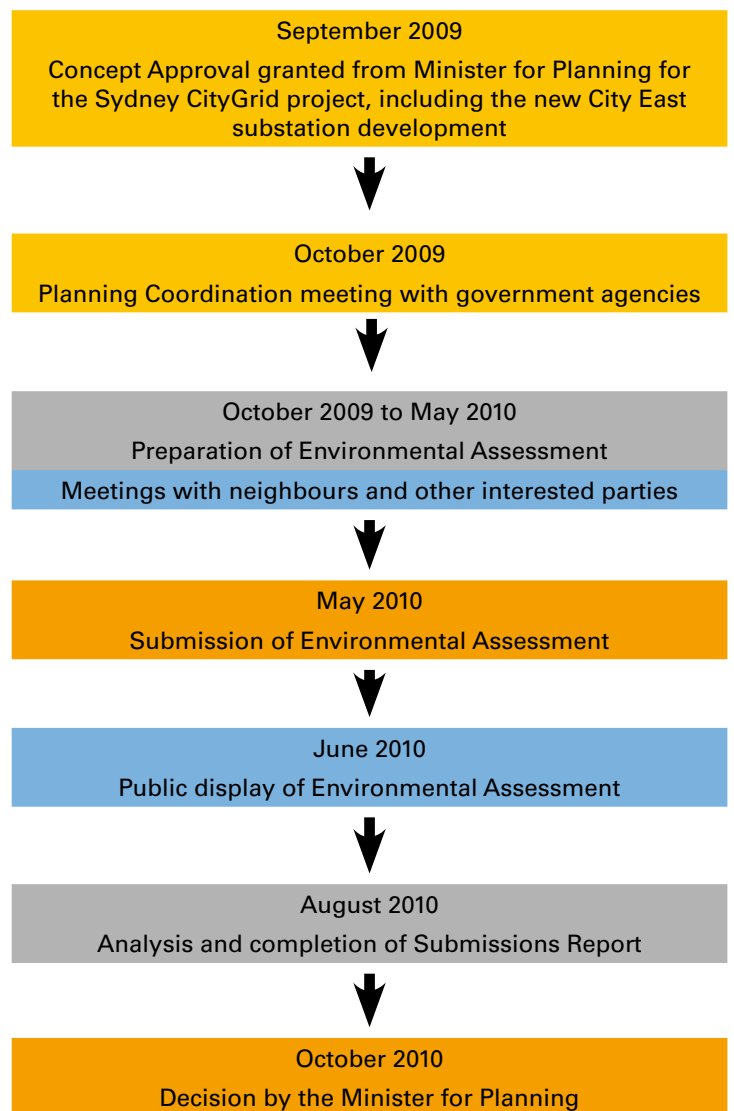
## Contacting us

You are welcome to contact EnergyAustralia's major project team with any inquiries about the new City East zone substation

☎ 1800 006 549 (free call from fixed phone)

✉ [majorprojects@energy.com.au](mailto:majorprojects@energy.com.au)

## Indicative planning timetable - Stage 1



- COMPLETED ACTIVITY
- ENERGYAUSTRALIA INTERNAL PLANNING STAGES
- OPPORTUNITY FOR COMMUNITY FEEDBACK
- CONCLUSION OF PLANNING STAGE