

Arncliffe to Rockdale cable project

Community information sessions

Tuesday 20 June, 3pm to 5pm – Rockdale Library

Thursday 22 June, 6pm to 8pm – Arncliffe Community Centre



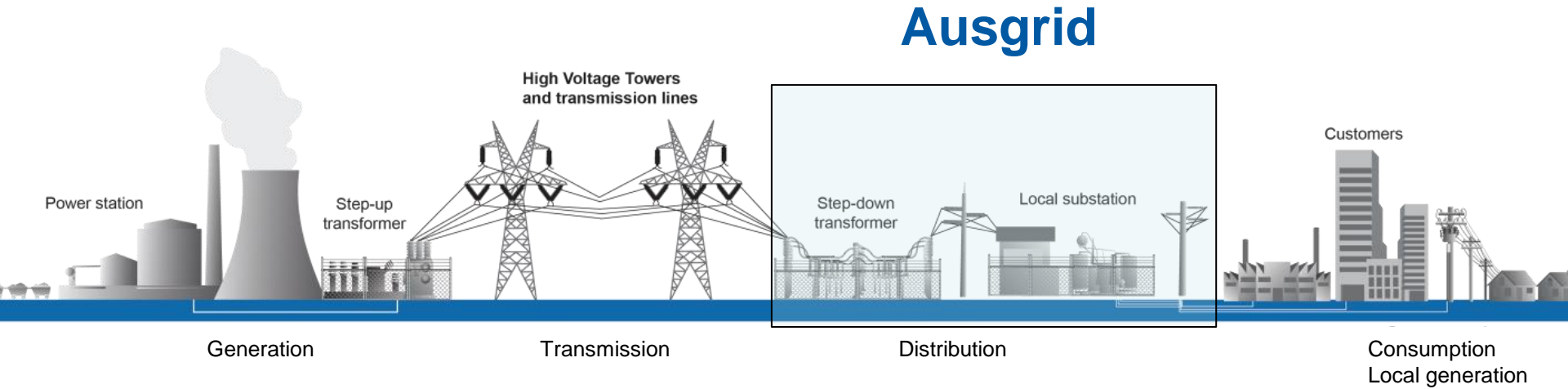
Today's session:

- Introduction to project team
- Two short presentations:
 - Overview of Ausgrid, the project need and planning
 - What to expect during construction
- Questions, comments and feedback

Overview

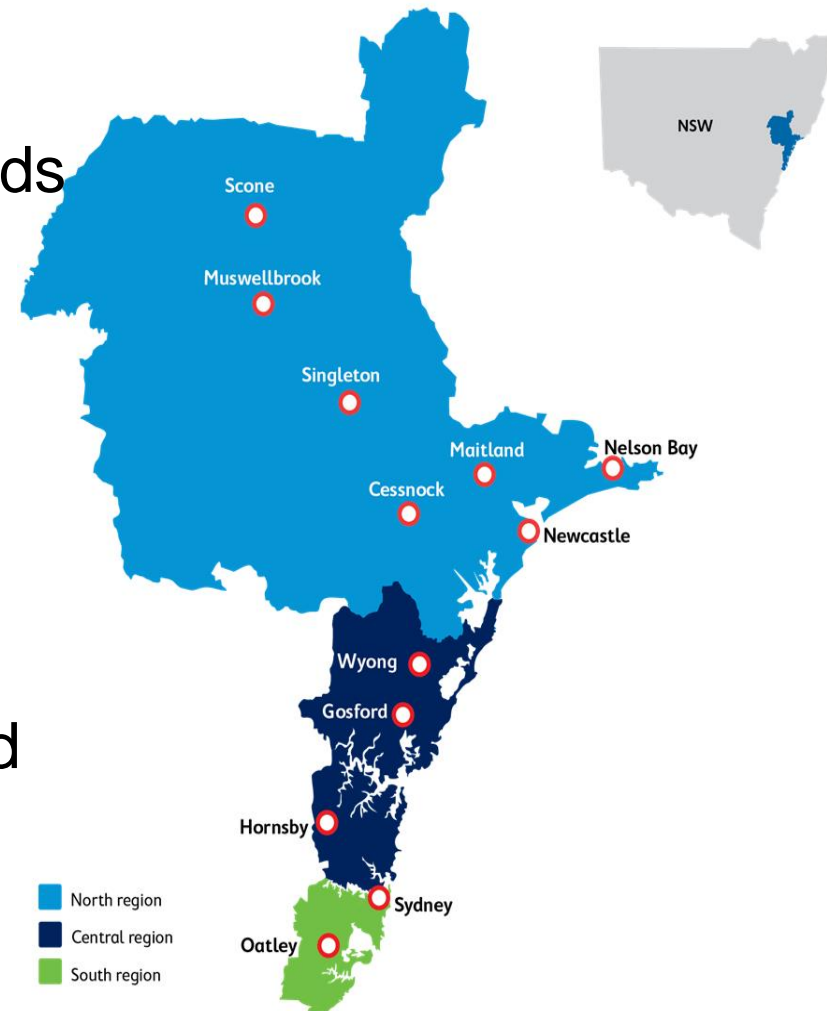


Overview of the electricity network

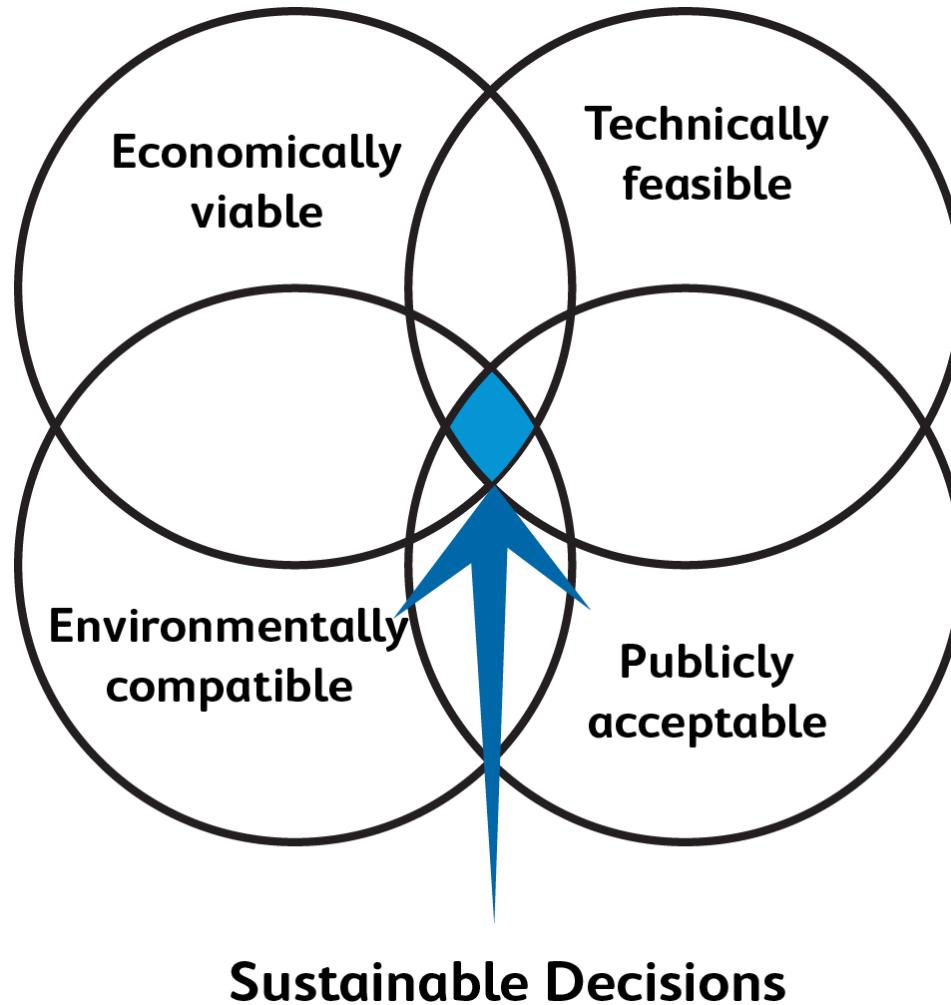


Augrid's electricity network

- 1.6 million customers - households
- Network covers 22,275 sq. km.
 - 30,000 substations
 - 48,000km of power lines and
 - 500,000 power poles
- Building our network today would cost an estimated \$38 billion



How do we plan our projects?



Arncliffe zone Substation



What have we done so far?

- Initial site investigations
- Desktop analysis
- Looked at potential options
- Consulted with Council
- Environmental assessment



What to expect during construction



Construction process

Stage 1

- Trench (mainly in streets) to install plastic pipes (conduits)
- Temporarily restore impacted areas
- Jointing work
- Permanently restore impacted areas

Stage 2

- Drill under rail line
- Transfer power supply
- Retire Arncliffe zone Substation

Construction timeframe

- Overall project to start late 2017
- Work to install cables in streets should finish in mid 2018
- Rail under bore will happen in late 2018/early 2019
- Work to retire Arncliffe substation will extend into 2019

Typical cable trenching to install plastic pipes



Typical temporary restoration of impacted areas of streets



Typical joint and cable pulling work



**Typical permanent
restoration of impacted
areas of streets**



Next steps

Key dates

Jan-July 2017

Project planning

- Investigating available routes for new cables.
- Developing detailed designs.
- Undertaking environmental assessment.
- Community information about project.

Aug - Sept 2017

Project approved for construction

- Community information about construction plans.
- Contractor engaged for cable installation.

Sept 2017-Sept 2019

Construction

- Trenching, installing conduits and cables.
- Connecting new cables to the existing network.
- Reinstating impacted areas.
- Regular community updates.
- Retiring Arncliffe substation

Questions, comments and feedback

