





## How Transgrid Plans the Network

For Transmission Line, Underground Cable and Substation Works

|         |  | Transgrid Planning Process  | Stakeholder Involvement  |
|---------|--|---|--|
| Stage 1 | <b>IDENTIFY NEED</b><br>        | <p>Look at future demand forecasts and the condition of existing assets.</p> <p>Will there be a shortfall in supply if we do nothing?</p>   | <p>Sense-check forecasts with</p> <ul style="list-style-type: none"> <li>• Distributors and regulators</li> <li>• Academic and technical experts</li> <li>• Local governments</li> </ul> <p>Seek feedback from end users and their representatives on need assessment.</p> |
| Stage 2 | <b>REVIEW OPTIONS</b><br>     | <p>Identify possible network and non-network options to fulfil the need, including</p> <ul style="list-style-type: none"> <li>• Demand management or energy efficiency</li> <li>• Local or distributed generation</li> <li>• Network infrastructure.</li> </ul> | <p>Input from large users, service providers and experts on potential for non-network options.</p> <p>Communicate with local community that may be impacted by network infrastructure.</p>   |
| Stage 3 | <b>PLAN IN DETAIL</b><br>     | <p>Request proposals and undertake investment analysis on most viable options.</p>  | <p>Encourage proposals from market participants for non-network options</p> <p>Engage impacted communities in network corridor selection, if relevant</p> <p>Involve end users and their representatives in final investment decision.</p>                                 |
| Stage 4 | <b>IMPLEMENT SOLUTION</b><br> | <p>Enter into contracts for network or non-network solutions</p> <p>Build network infrastructure, if required.</p>  | <p>Work with impacted community to support best local outcomes</p> <p>Report progress in meeting identified need to end users and their representatives.</p>   |