



About us

Operator and manager of the NSW transmission network, we supply:



3 million homes and 30,000 businesses



12,900 km transmission lines



99 substations



2,300 km optical fibre

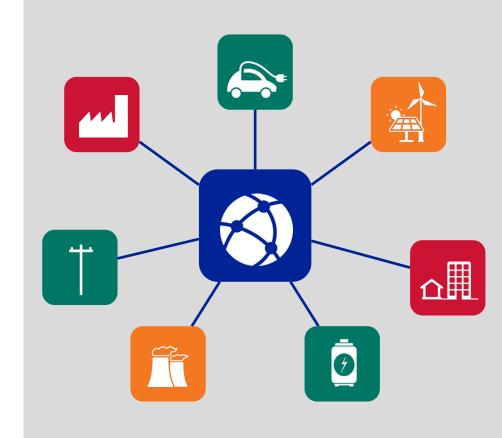
Keeping you and your way of life connected - 24/7



Grid of the future

- Shift towards renewable sources of generation
- > Smarter ways of managing peak demand
- > Widespread adoption of energy efficiency initiatives
- Increased access to local generation

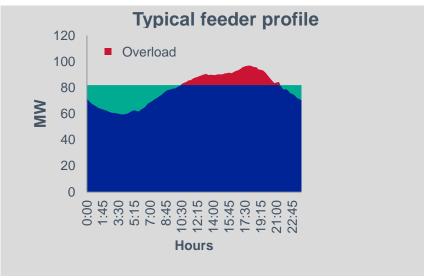
The grid of the future will look very different to the grid of today





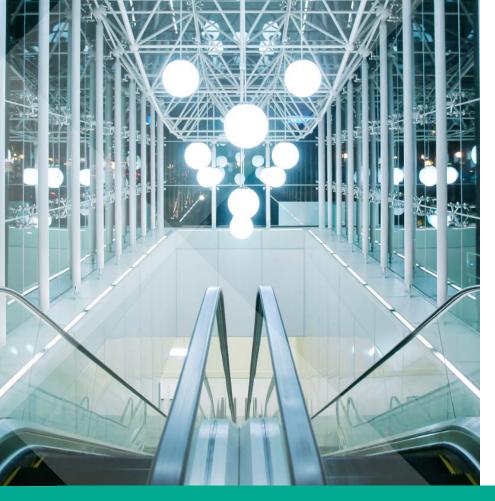
Managing peak demand





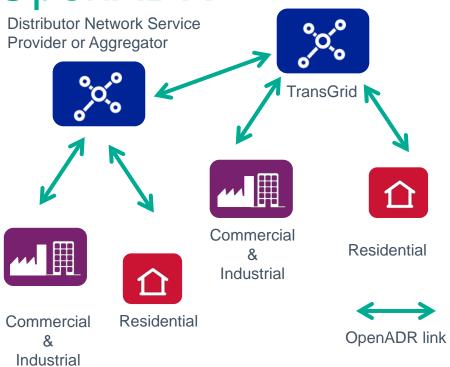
Demand response is one of the ways we manage peak demand





OpenADR

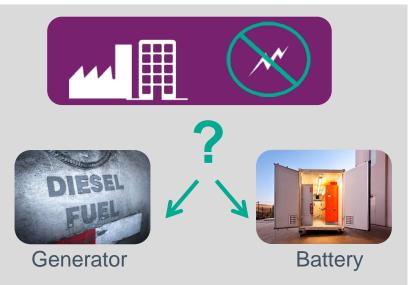
Source: http://www.openadr.org/





Managing energy

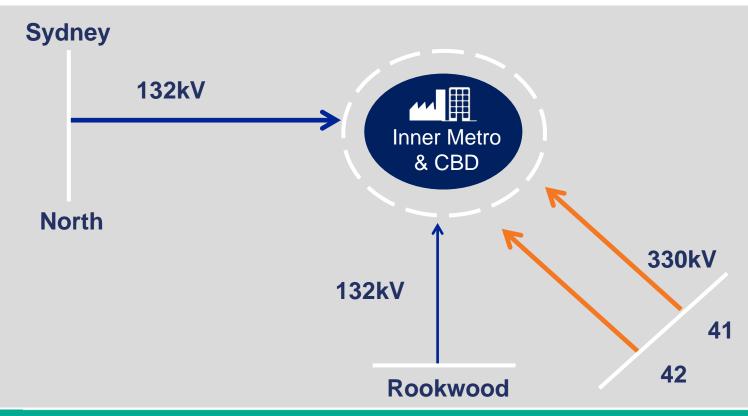




Peak shaving for a 1.0MW, 2.0MWh based on existing tariffs approx. \$100,000 per year



Base system 2021



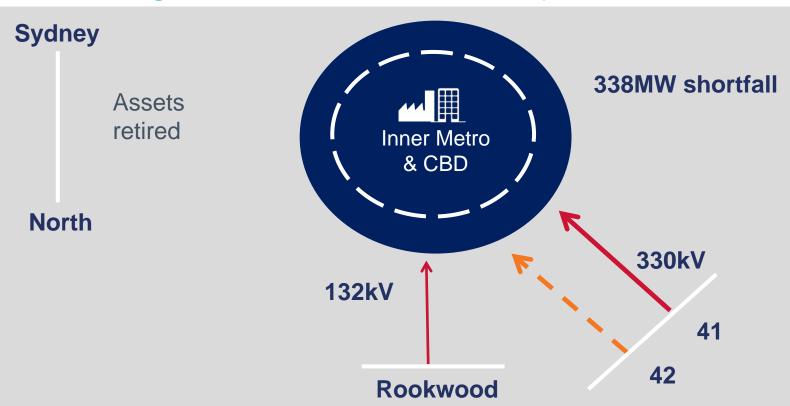


All assets in service



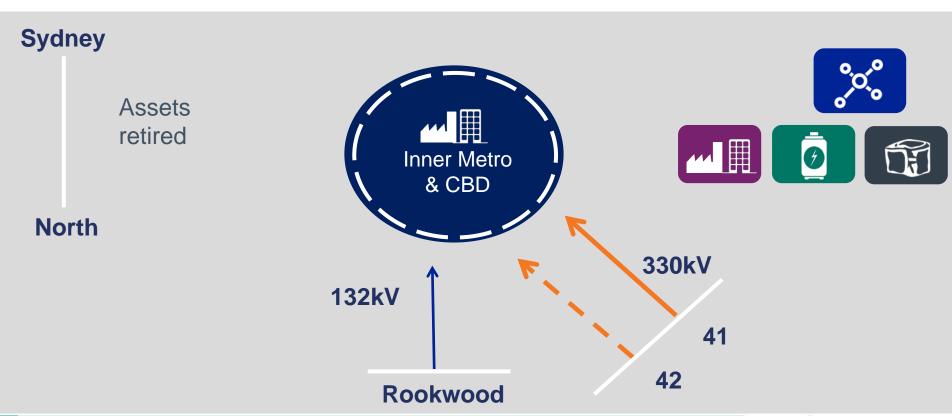


Outage = constrained system





ADR enabled solution



Network solution



