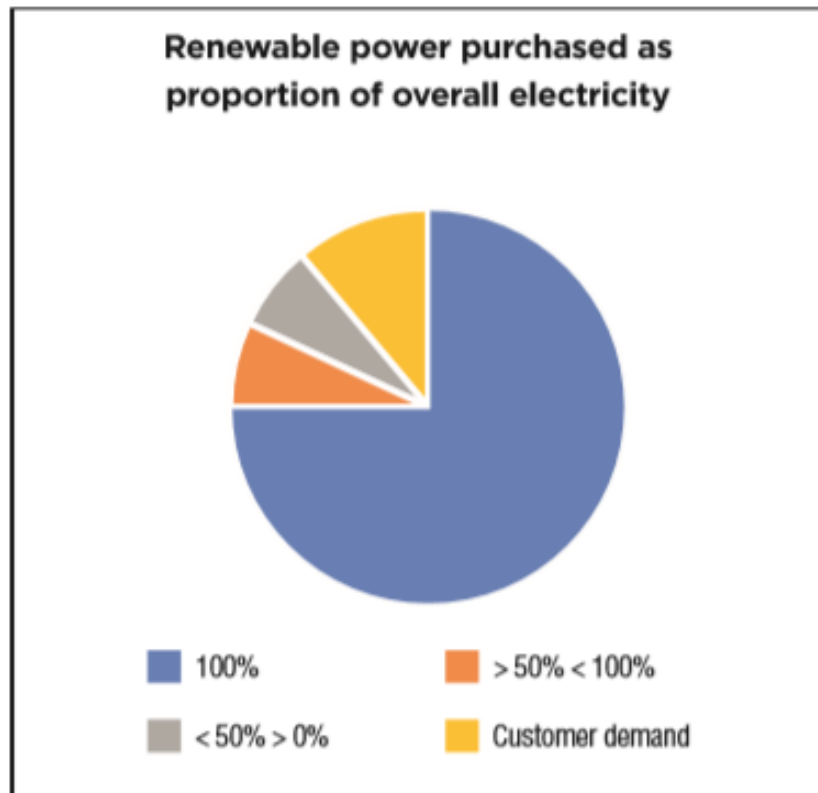


Data Centres: Solutions

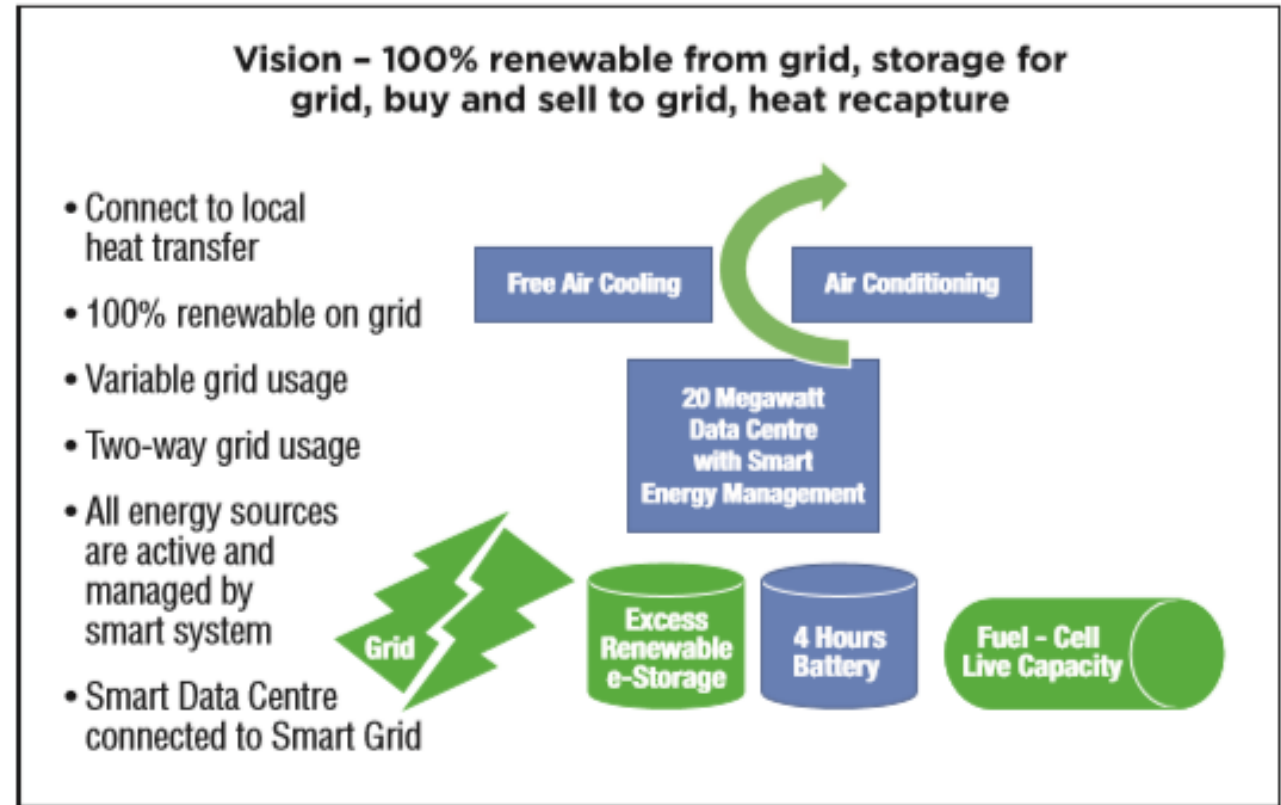
1: Driving a market for renewables



2: Funding additional utility scale renewable generation

Data Centres: Solutions

3: Enabling distributed grid and intermittent generation



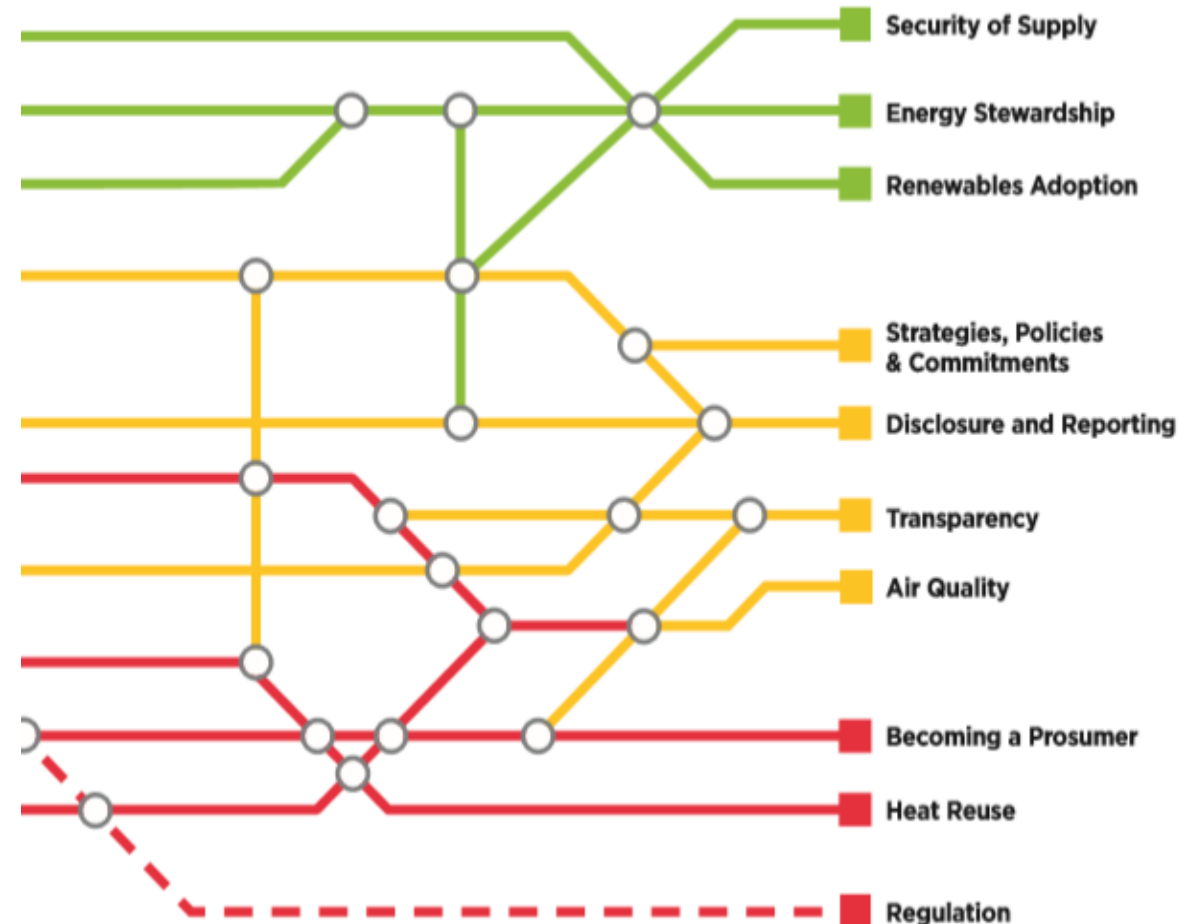
4: Becoming an energy prosumer

5: and of course....consolidating IT functions

Data centres: Commitments for action

Sector energy routemap

- Explains how data centres will address their three challenges of security of supply, cost and sustainability
- Sets out what is needed for the sector to contribute to zero carbon
- Identifies ten areas for action and assesses progress against them
- Repositions sector from consumer to dynamic player in energy market



Data centres: Commitments for action

- 1. Strategies, policies and targets:** *Set out clear energy strategies and climate change commitments.*
- 2. Security of supply:** *Be prepared for a range of temporary supply issues.*
- 3. Energy stewardship:** *Demonstrate best practice, comply with standards, use robust metrics.*
- 4. Renewables adoption:** *Commit to renewable power. Implement strategies to reach 100% by 2030*
- 5. Energy prosumer:** *Reduce reliance on grid. Become a dynamic player in the energy market.*
- 6. Disclosure and reporting:** *Measure and report energy consumption robustly and consistently.*
- 7. Transparency:** *Help customers understand the energy impacts of their digital activities.*
- 8. Heat reuse:** *Make better use of waste heat.*
- 9. Air quality:** *Adopt practices that minimise air quality impacts from standby generators*
- 10. Regulation:** *Work with regulators to help make policy fit for purpose*