

Storage – delivering value A System Operator View



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The energy industry is undergoing a significant transformation

Decarbonisation

- Fewer synchronous generators and increased renewables



Decentralisation

- Generation units decrease in size and move closer to consumption



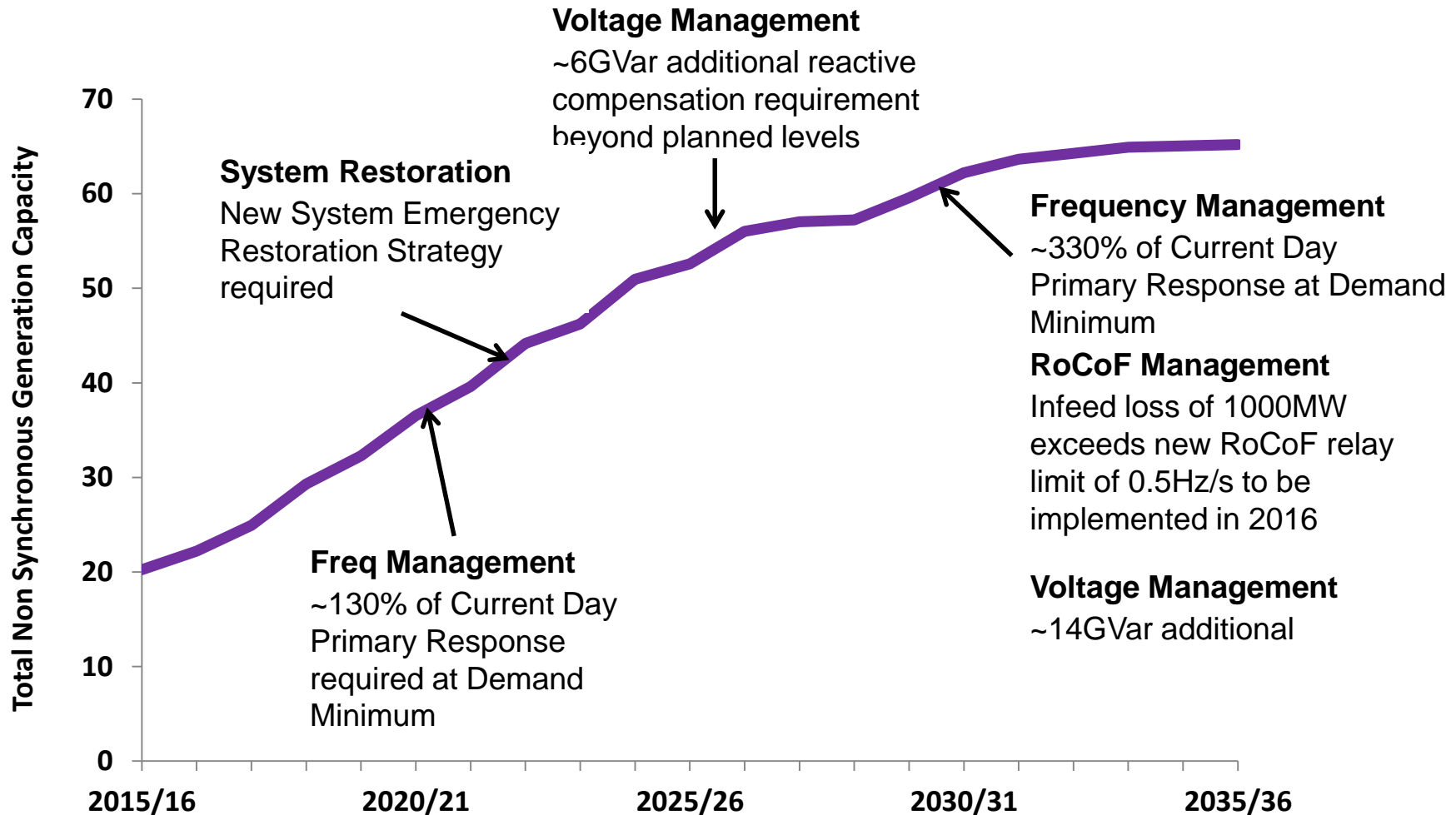
Digitisation

- New electricity assets such as distributed storage and Electric Vehicles

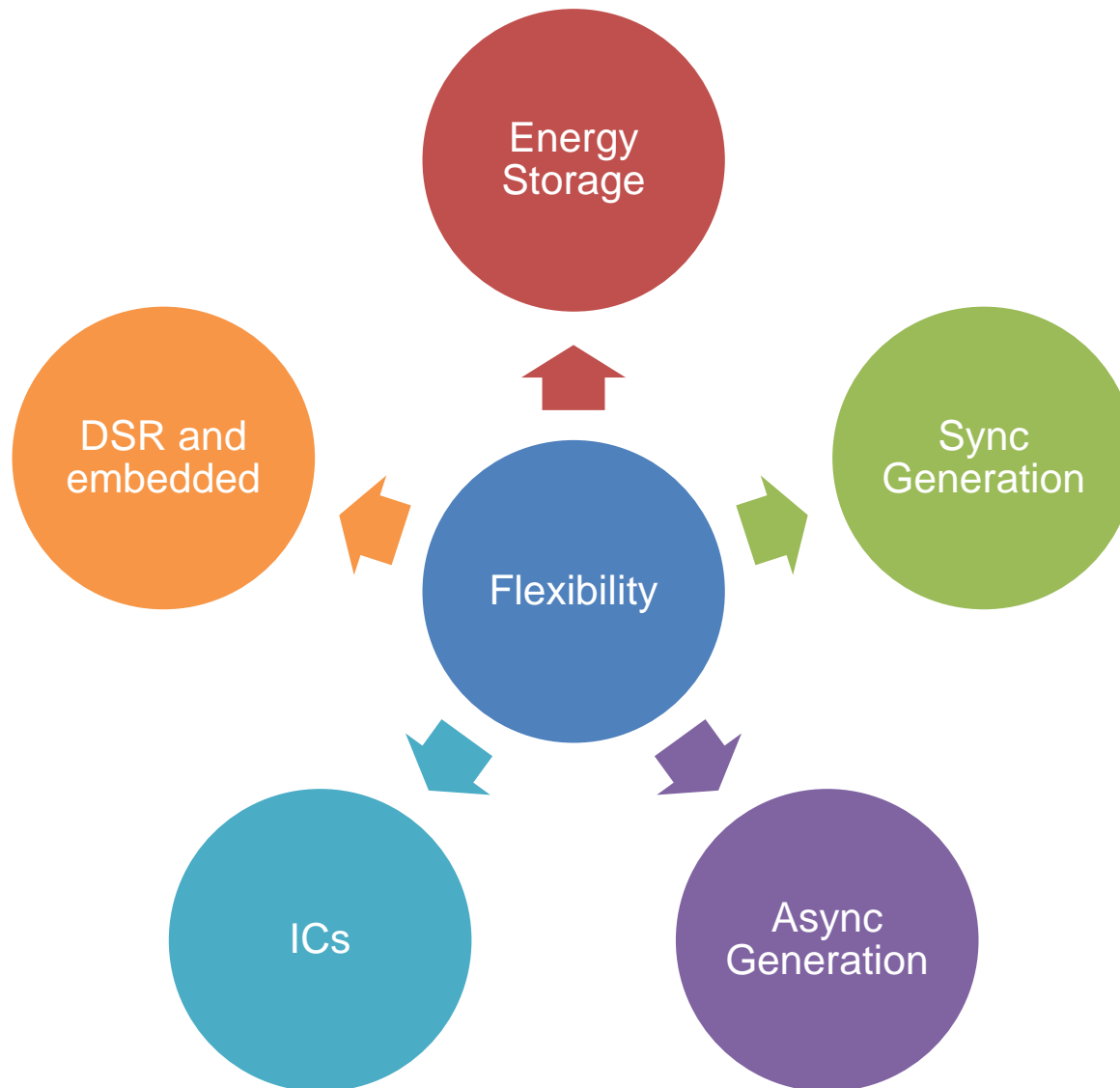


...resulting in:
greater system uncertainty

There are a number of system challenges which will grow as more non-synchronous capacity is installed



A range of technologies can contribute to the solution



The potential roles of storage



Need to address commercial and regulatory barriers to unlock the value of storage



- Clarity on storage as an asset
- Charges and levies
- Appropriate market signals
- Half hourly wholesale settlement for all consumers
- SO incentivised over short time periods
- Contractual exclusivity may restrict service stacking