

Description of integrated pilots/demonstrations/field tests/existing practices

1. Energy response
2. What is integrated with DSM
 - DG
 - Energy storage
 - Smart grid technologies
3. What is the level of commercialization
 - Research project
 - Demonstration
 - Field test
 - Existing practice
4. Where to find more information?
<http://www.energyresponse.com>
5. Objectives of the case
Introduce DSR (Demand-Side Response) in the Australian electricity market
6. Business rationale/model
 - Price response
 - Security response (avoid network congestion)
 - Safety net (Avoid generation shortfall)
7. Technologies used
Manual or automatic curtailment of load or starting of local generator
8. Short description of the case
After a trial realized by the EUAA, Energy Response started to aggregate DSR (min. 100kW/site) and offer it to the network operators in Australia and New-Zeeland.
9. Achieved/expected results (operational savings, CO₂, efficiency enhancement)
Operational savings, improved reliability and security of supply, reduce GHG emissions
10. Lessons learnt



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In its first 10 months of operations Energy Response has formed sales contracts with several retailers and registered over 170MW of DSR nationally.