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

1. Energy response

2. What is integrated with DSM
   - DG [X]
   - Energy storage [X]
   - Smart grid technologies

3. What is the level of commercialization
   - Research project
   - Demonstration
   - Field test
   - Existing practice [X]

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-Zealand.

9. Achieved/expected results (operational savings, CO₂, efficiency enhancement)
   Operational savings, improved reliability and security of supply, reduce GHG emissions

10. Lessons learnt
Description of integrated pilots/demonstrations/field tests/existing practices

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