EASE
European Association
for Storage of Energy

Energy Storage Applications

Generation Support Services Bulk Storage Services

Arbitrage	Ancillary Services RES Support
Electricity Supply Capacity	Capacity Firming
Support to Conventional Generation	RES Curtailment Minimisation
Seasonal Arbitrage	

Services to Support Transmission Infrastructure

Transmission Grid Upgrade Deferral	Reactive Power Compensation
Contingency Grid Support	Cross Sectoral Storage
Transmission Support	Power Oscillation Damping
Angular Stability	

Services to Support Distribution Infrastructure

Distribution Grid Upgrade Deferral	Dynamic Local Voltage Control	Reactive Power Compensation
Contingency Grid Support	Intentional Islanding	Cross Sectoral Storage

Ancillary Services

Frequency Containment Reserve	Frequency Stability of Weak Grids
Automatic Frequency Restoration Reserve	Black Start
Manual Frequency Restoration Reserve	Voltage Support
Replacement Reserve	New Ancillary Services
Load Following	

Services Providing Customer Energy Management

End-User Peak Shaving	Continuity of Energy Supply
Time-of-Use Energy Cost Management	Limitation of Upstream Disturbances
Particular Requirements in Power-Quality	Compensation of the Reactive Power
Maximising Self-Production/ Consumption of Electricity	