

Sector requirements: making better use of electricity storage

Anthony Price

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Concerns

Electricity storage sector

- Need a supportive market framework that encourages take-up
- Enable multiple services to single client, ideally with standard contracts
- Representation of electricity storage in the Transform Model

Smart grid commercial and regulatory barriers

- Lack of standard contracts for multiple service provision
- Contract length
- Ambiguity on ownership and operation by DNO / TSO
- Shared services

Wish list for WS6 programme for 2014 / 2015

Activities

- Remove barriers and hurdles to adoption of storage
- Adoption of shared services framework
- Update Transform model
- Consider domestic, I&C, distribution and generation
- Programme for investment

Resource / timetable

- Serial or parallel tasks?
- Volunteer effort from WS6 members in sub groups?
- Contract / consultancy work?
- Industry consultation (s) ?
- Need to manage workload for OFGEM / DECC staff and WS6 members to achieve consensus in realistic timescale.

Practical steps

Tasks

- Address non demand issues (generation, storage, non domestic etc) in Workstream programme
- Examine constraints
- Use storage to make low carbon generation dispatchable
- Examine shared services
- Examine practical steps to avoid or defer reinforcement
- Examine practical steps to improve connections and avoid, defer or reduce costs
- Who makes the investments?

By whom?

- Sub group of gen / storage / I&C and DNO
- Sub group of DNO ?
- Storage / supplier / gen
- Storage / gen / supplier / DNO
- Storage / DNO
- Sub group - all