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Market Segment Watch: Great Britain

The largest European market for energy storage in 2016



- 200 MW EFR tender
- Consequences of the electricity settlement reform on C&I consumers
- Detailed revenue streams for storage assets:
 - Ancillary services: EFR, FFR, FCDM
 - STOR, BM, Capacity Market
 - DUoS & Triad avoidance
 - Distribution network support
- Presentation of project developers and utilities expectations, among which:
 - WPD
 - ENGIE
 - RWE
 - AES Energy storage

Report price:

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Market Segment Watch: Great Britain

The largest European energy storage market in 2016

Clean Horizon, the European expert team on energy storage since 2009, released its new market segment watch on Great Britain.

Due to the increasing share of renewables in Great Britain's generation mix, the Transmission System Operator National Grid will contract **200MW of energy storage assets** to stabilise the grid this year. These so-called Enhanced Frequency Response (EFR) contracts will represent one of the emerging revenue streams for energy storage systems. EFR is indeed particularly well suited for energy storage systems and puts Great Britain in the spotlight of the energy storage world. Additionally, the islanded country presents some growing opportunities for medium and small-scale storage systems.

The aim of this study is to identify and quantify those interests, and to better understand how energy storage project developers work and what they lack in the developing Great Britain market. Therefore, more than **15 interviews with project developers** and utilities were led, the results of which are presented in this report.

In the first part of the report, the Great British electricity supply chain is explored to set the scene for the market study. Then, the **different revenue streams** a storage asset can pretend to are looked at. Among those relevant revenue streams, two are detailed, as Clean Horizon believes they are promising. Finally, the market study and its results are presented.

Key questions addressed:

- How does the GB energy market work?
- What are the revenue streams for energy storage assets?
- What are the emerging business cases for energy storage projects in GB?
- What do project developers expect for their projects?
- What are the needs of the technology end-users?

Who needs this report?

- Energy storage equipment manufacturers
- Integrators looking at the GB market
- Project developers willing to better understand the GB market
- Investors willing to better understand the risks associated with storage and the revenue streams
- Utilities looking for opportunities with energy storage
- Commercial and industrial electricity consumers



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