

Monday, 27<sup>th</sup> July 2020

FOR IMMEDIATE RELEASE

## ***“Haynes Manual - Electricity Storage”; launched by RenewableUK, co-edited by RCG.***

**London, United Kingdom** – Monday, 24<sup>th</sup> July – Last week RenewableUK launched a new guide on energy storage, “Electricity Storage: The Cornerstone of the UK’s Future Energy System” published by Haynes as part of its world-famous series of manuals. The publication was edited by RenewableUK, RCG (Renewables Consulting Group) and Siemens Energy.

The manual sets out the diverse range of storage technologies under development from pumped hydro schemes, compressed air stored in deep underground mines, to battery storage. It also includes new applications like hydrogen, molten salt, ammonia and gravity-based systems.

Increasing electrification across the economy means that the demand for clean power will continue to grow. The ability to store electricity using a variety of technologies will be an essential part of future energy systems. In terms of new capacity, lithium-ion battery storage continues to be the most widely used technology. Green hydrogen, made from electricity generated by offshore wind farms, could be used for heating and transport; providing a new route to decarbonising these sectors. Ammonia is a vital feedstock for agricultural fertilisers and industrial processes, but is also a versatile energy carrier in its own right. This too can be linked to renewable energy production.

Commenting on the publication, Lee Clarke, RCG’s Chief Operating Officer said:

*“Globally, a key driver of growth in energy storage assets has been the co-location with renewable energy production in order to stabilise production and ensure delivery of firm capacity when demand peaks. We recognise that energy storage is a vital aspect for future increased penetration of renewable energy in the power system. RCG was therefore delighted to assist RenewableUK in editing this handy introduction in the famous Haynes Manual series.”*  
– Lee Clarke, Chief Operating Officer.

The Haynes Manual “Electricity Storage: The Cornerstone of the UK’s Future Energy System” is available to download at RenewableUK’s website [\[1\]](#).

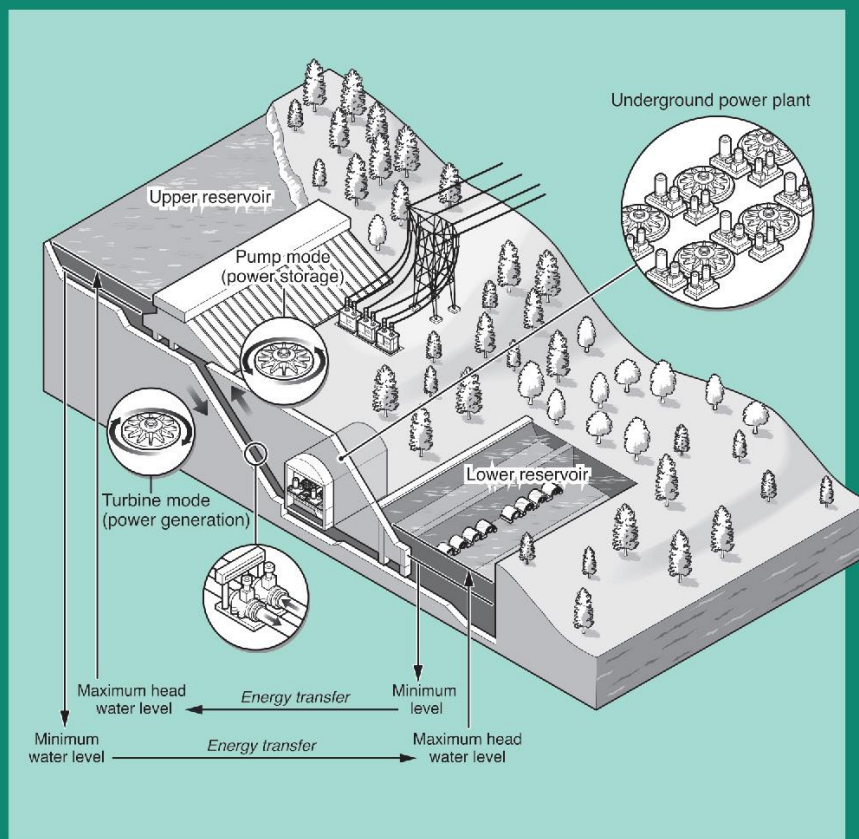
# ELECTRICITY STORAGE



The cornerstone of the UK's future energy system

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## Owners' Workshop Manual



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Caption: "Electricity Storage: The Cornerstone of the UK's Future Energy System" is published by Haynes as part of its world-famous series of manuals, edited by RenewableUK, RCG (The Renewables Consulting Group) and Siemens Energy.

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### **About The Renewables Consulting Group**

RCG is a specialized expert services firm supporting the global renewable energy sector. From strategy to implementation, the company serves businesses, governments, and non-profits around the world with technical and management consulting services for both mainstream and emerging renewable energy technologies. RCG works with the public sector, private equity and financial services firms, utilities and project developers, equipment manufacturers, and engineering and construction companies for on- and off-shore wind, solar, and emerging technologies including wave and tidal and energy-storage projects. RCG is headquartered in London, and has offices in New York, Tokyo and elsewhere. For more information, visit our website at [www.thinkrcg.com](http://www.thinkrcg.com) or connect with us on Twitter via @thinkrcg

### **About RenewableUK**

RenewableUK's members are building our future energy system, powered by clean electricity. We bring them together to deliver that future faster; a future which is better for industry, billpayers, and the environment. We support over 400 member companies to ensure increasing amounts of renewable electricity are deployed across the UK and to access export markets all over the world. Our members are business leaders, technology innovators, and expert thinkers from right across industry..

### **Media Contacts**

Sarah Wood  
Principal  
sarah.wood@thinkrcg.com  
+44 (0)300 303 3061