Energy Storage 2015

What's Next for the Grid?

IET Seminar Digests 2015/15697

London, United Kingdom 4 June 2015

ISBN: 978-1-5108-1406-6

Printed from e-media with permission by:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2015) by the Institution of Engineering and Technology All rights reserved.

Printed by Curran Associates, Inc. (2015)

For permission requests, please contact the Institution of Engineering and Technology at the address below.

Institution of Engineering and Technology P. O. Box 96 Stevenage, Hertfordshire U.K. SG1 2SD

Phone: 01-441-438-767-328-328 Fax: 01-441-438-767-328-375

www.theiet.org

Additional copies of this publication are available from:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571 USA

Phone: 845-758-0400 Fax: 845-758-2634

Email: curran@proceedings.com Web: www.proceedings.com

TABLE OF CONTENTS

ROLE AND VALUE OF ENERGY STORAGE IN THE FUTURE GB ELECTRICITY SYSTEM	1
A. Price, G. Strbac	
STORAGE TECHNOLOGY AND FUTURE DEVELOPMENTS	14
A. Price	
LESSONS LEARNED DEVELOPING LIQUID AIR ENERGY STORAGE	26
G. Brett	
MAKING EXCELLENCE A HABIT: AN INTRODUCTION TO BSI AND STANDARDS	38
B. Shelley	
OPERATION OF ENERGY STORAGE	54
M. Barlow	
OPERATION OF ENERGY STORAGE IN NETWORK CONSTRAINT MANAGEMENT	67
N. Heyward	
TECHNICAL ISSUES IN ELECTRICITY STORAGE	75
E. Dudek	
Author Index	