

**BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE  
OF CALIFORNIA**

Order Instituting Rulemaking Pursuant to  
Assembly Bill 2514 to Consider the Adoption  
of Procurement Targets for Viable and Cost-  
Effective Energy Storage Systems.

Rulemaking 10-12-007  
(Filed December 16, 2010)

**MOTION OF 1ENERGY SYSTEMS, INC.  
TO BECOME A PARTY**

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For 1Energy Systems, Inc.

June 28, 2013

**MOTION OF 1ENERGY SYSTEMS, INC.  
TO BECOME A PARTY**

**I. INTRODUCTION**

Pursuant to Rule 1.4(a)(4) of the California Public Utility Commission’s (“CPUC” or “Commission”) Rules of Practice and Procedure, 1Energy Systems, Inc. (“1Energy”) hereby moves to become a party in this proceeding.

**II. BASIS FOR PARTY STATUS**

**A. 1Energy’s Interest in the Proceeding.**

1Energy provides software to build and operate energy storage systems, and has been engaged by Public Utility District No. 1 of Snohomish County (the “Snohomish PUD”) to develop and deploy a one-megawatt battery energy storage system, built on an innovative Modular Energy Storage Architecture (MESA). The system, based on commercially-available, advanced technology batteries, will be housed in a standard shipping container, which will be installed at a PUD substation. A primary goal of the MESA system is to overcome one of the most significant barriers to energy storage, which is the lack of electrical, physical, and communication standards. As part of this MESA project for the Snohomish PUD, the suppliers in the project will develop and publish open, modular, scalable communication protocols and standards for energy storage. The MESA standards will be put in the public domain for the benefit of the energy storage industry. 1Energy, the Snohomish PUD, and the other suppliers in the project speak frequently to promote the importance of standards generally for the growth of energy storage, and believe that market growth and transformation will be hindered if standards do not evolve in the industry. 1Energy hopes to build other energy storage systems in California based on the MESA standards and/or other open/non-proprietary standards that emerge. The CPUC can and should identify the lack of standards as a market barrier, and promote the use of standards by enabling and encouraging utilities to foster energy storage standards as part of their procurement targets.

For this reason, 1Energy would like to participate in the proceeding as a party. Because 1Energy’s interests relate to the company’s distinct plans to promote open, non-proprietary standards for the energy storage industry as a whole, and participate in the California market for energy storage, 1Energy’s interests cannot be represented by any other party in the proceeding.

**B. 1Energy’s Contentions in the Proceeding**

From its work on the Snohomish PUD energy storage project and other engagements, 1Energy has garnered practical expertise in the creation and importance of standards for building and operating energy storage systems. 1Energy intends to share

relevant insights in the proceeding from its experiences. In this vein, 1Energy requested and was granted an opportunity to speak at the All-Party Meeting on Tuesday, June 25<sup>th</sup>, at which I spoke of the importance of (1) identifying the lack of standards as a barrier to widespread energy storage adoption and reduction in energy storage costs, and (2) promoting standards in the CPUC proposed storage targets. 1Energy also will file comments on the Assigned Commissioner's Ruling Proposing Storage Procurement Targets and Mechanisms and Noticing All-Party Meeting. Also, 1Energy is attending the June 28, 2013 workshop on the results of the cost-effectiveness analysis for the selected energy storage use cases. 1Energy's participation in this proceeding will not prejudice any other party in the proceeding, delay the schedule, or expand the scope of the issues to be considered.

### III. SERVICE

Correspondence, pleadings, notices, orders and other communications in this proceeding should be addressed to the following:

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### IV. CONCLUSION.

For the reasons set forth above, 1Energy respectfully requests that the Commission grant this Motion To Become A Party.

DATED this 28th day of June, 2013, at San Francisco, California.

Respectfully submitted,

\_\_\_\_\_/s/\_\_\_\_ Tom Melling  
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