

**Preparation of Abstract for
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"Energy at home"**

Application and economics of stationary storage

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Abstract

The transition to a sustainable electricity supply from renewable energies imposes major technical and economic challenges upon the power industry. In particular the rapid growth of volatile power generation requires a high level of system flexibility and major investments in infrastructures are needed to maintain system stability. This raises the question about the role that stationary energy storage in the power grids and/or small-scale distributed "energy storage at home" are going to play. From the individual investor's perspective storage might be attractive even though other flexibility options could offer economic advantages. Economic analyses of various technologies show that the importance of large scale energy storage is going to be rather limited in the medium term. However, the regulatory environment can be a "game changer", especially for distributed storage at distribution grid level.

You are kindly invited to submit abstract **no later than 18 March, 2014** by e-mail to:
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