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Collective Attention & Active Consumer Participation in Community Energy Systems

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1. Highlights

The aim of the manuscript “Collective Attention & Active Consumer Participation in Community Energy Systems” is, in the context of decentralised Community Energy Systems, to investigate the proposition that an increase in collective attention would lead to an increase in successful collective action, i.e., in the specific context, to self-organise the energy demand to avoid a blackout. The contributions of this manuscript are:

- A (preliminary) definition of collective attention, as distinct from mutual knowledge;
- The design and implementation of a Serious Game for a decentralised Community Energy System, whose interface includes a number of mechanisms and features to increase collective attention; and
- Experimental results which show that as the number of features for increasing collective attention were increased, then there was a corresponding increase in successful collective action.

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