SUSTAINABLE PLACES 2019

STORY

Added value of storage in distribution systems

Social aspects affecting the roll-out of storages

Added value of clean energy storage in distribution systems Workshop in SP19,

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Social aspects affecting the roll-out

- Proactive stakeholder engagement is a prerequisite to introduce the technology and manage use of storage.
- In residential areas, social acceptance of new solutions is imperative for extensive roll-out of storages or energy communities.
- The advantages + disadvantages of a storage must be understood by the household both from a financial and energy use perspective.
- Without this engagement there is a risk of households being disappointed with the amount of energy they get and the level of financial costs vs financial savings.

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Social aspects affecting the roll-out

- In residential buildings, involvement of children and other vulnerable persons cause stricter requirements to e.g. safety and user-friendliness (compared to industrial applications).

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Social aspects affecting the roll-out

- In residential areas it is important to minimize the need for site visits, which puts requirements for robustness of technologies. (both social & economic aspect)
- In remote or end of line areas, where storages would be most beneficial in the beginning, there might be limitations on data transfer solutions.-> more robust technological solutions and customer engagement
- In STORY e.g. old houses with thick walls, weak mobile network etc.
- The customer engagement could help, when the residents could more easily agree on visible changes in their buildings and environment.

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