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Technical approach for the inclusion of superconducting magnetic energy storage in a smart city

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# Technical approach for the inclusion of superconducting magnetic energy storage in a smart city

# induction motors

- these kind of loads.
- density power ess.



#### **CONCLUSIONS**

1. Electric energy storage systems with high power density can be used to eliminate signal fluctuations with elements such as three-phase

2. The current peak for the electric motor start-up may contribute to imbalances of the electric grid

3. Smart cities may constitue a big advantage in industrial areas where the use of high-density power ess, such as batteries or other systems, do not add that start-up power peak needed for

4. Along with the high cost of construction and operation, compared with other ess with similar characteristics such as superconductors there is a need to form hybrid systems together with highDownload English Version:

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