Shared energy storage trading pilot

Is shared energy storage a transaction strategy for Ries?
To address this issue,this paper proposes a transaction strategy for RIES that incorporates shared energy storage. First,a Stackelberg game model is constructed to analyze the energy trading relationship between Integrated Energy Operators (IEO) and energy users.

Does shared energy storage optimize energy scheduling in a multi-agents Environment?
However, due to the complexity of system structures and the conflicting interests of different agents, optimizing energy scheduling in a multi-agents environment has become a significant challenge. To address this issue, this paper proposes a transaction strategy for RIES that incorporates shared energy storage.

Should energy storage operators be introduced?
Furthermore, the introduction of energy storage operator helps balance the flow of surplus energy, improves overall system efficiency, reduces renewable energy waste, and provides an effective solution for coordinated scheduling in complex energy systems involving multiple agents. No potential conflict of interest was reported by the authors.

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