

Renewable Demand/Supply Balance Across Seasons

EIP063

28 February 2023

Background

- The energy system must balance supply and demand 24/7/365.
- In relative terms energy supply is far more abundant in the summer, with demand more abundant in the winter (utilisation issue).
- Sizing the energy system to winter use will lead it massive under-utilisation in the summer.
- Sizing the energy system to summer use will lead a lack of energy in the winter.
- What options can we develop to address this – technological, system design, social?
- Solutions need to be resilient to issues like storms – local? hybrid?
- Need to be economically and socially acceptable.

Energy Innovation Basecamp

28 February 2023
ICC Birmingham

#Basecamp28

Participant joining code
[Slido.com](https://www.slido.com)

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