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Analysis of UK gas stores since 2010

Powerswarm talk 2022-10-27

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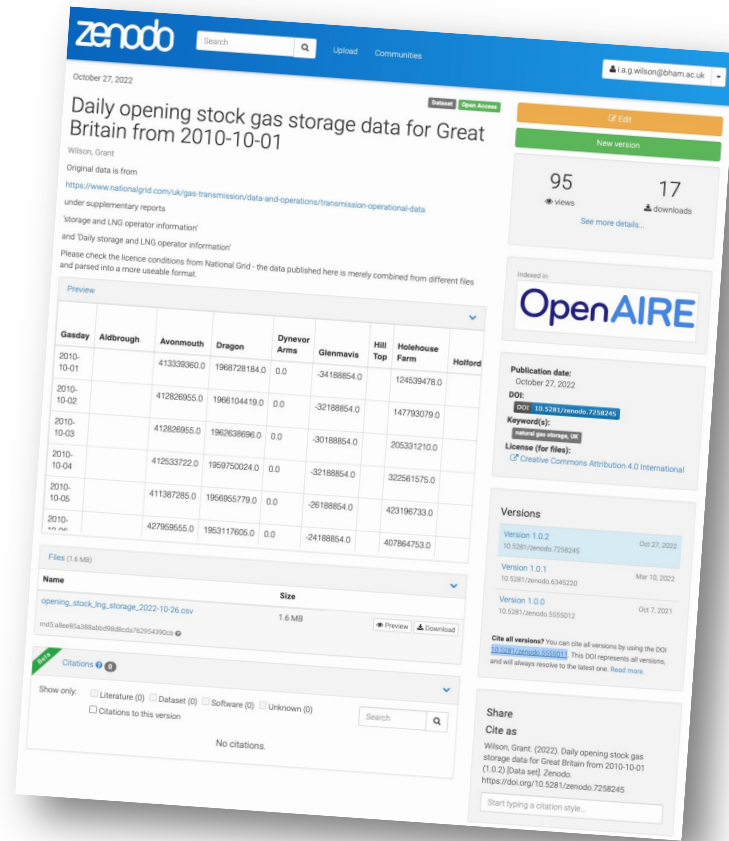


Talk will introduce a dataset

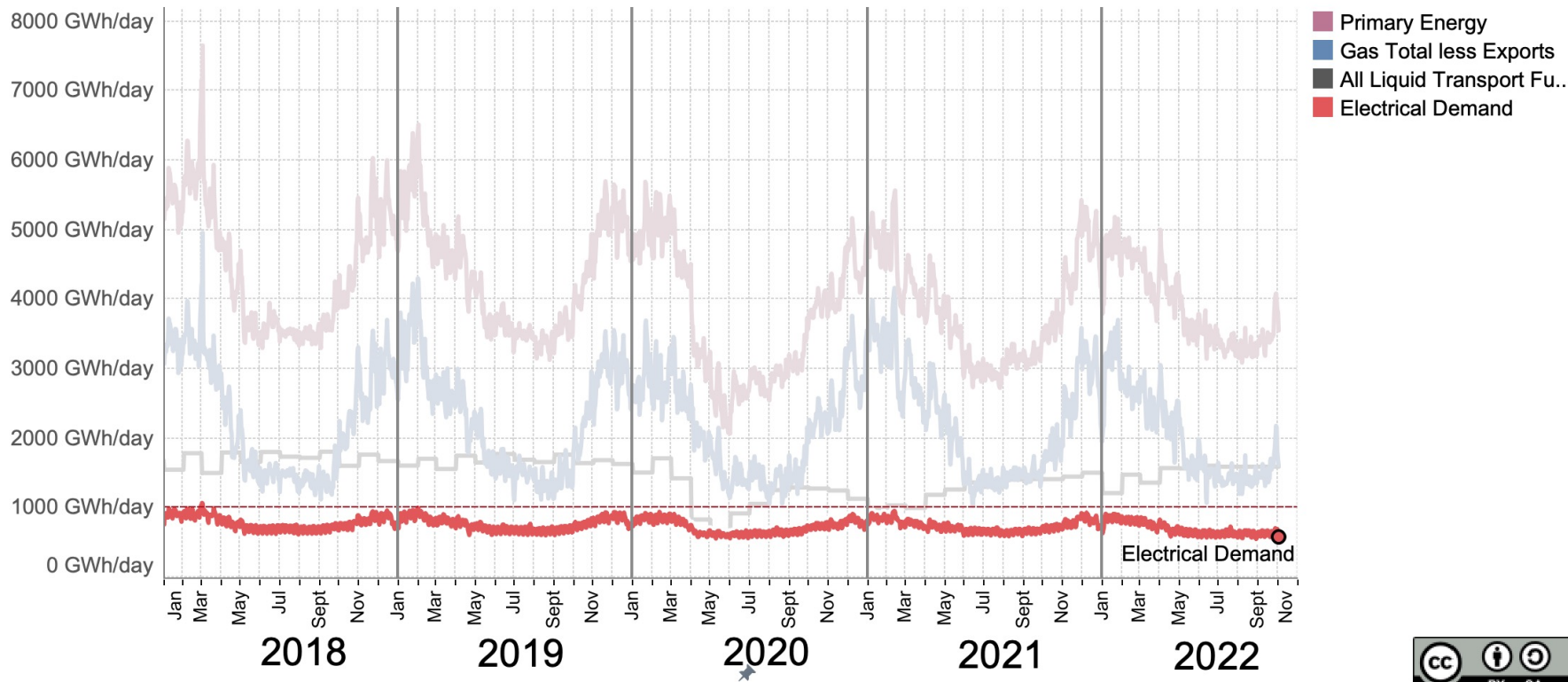
- The dataset is a repackaged set of separate datasets from National Grid Gas Transmission
- It might be useful for evidence surrounding security from gas
- Daily opening stock data from 2010-10-01 to 2022-10-26 (Yesterday)
- <https://doi.org/10.5281/zenodo.5555011>
- Please check the licence conditions from National Grid - the data published is merely combined from different files and parsed into a more useable format.



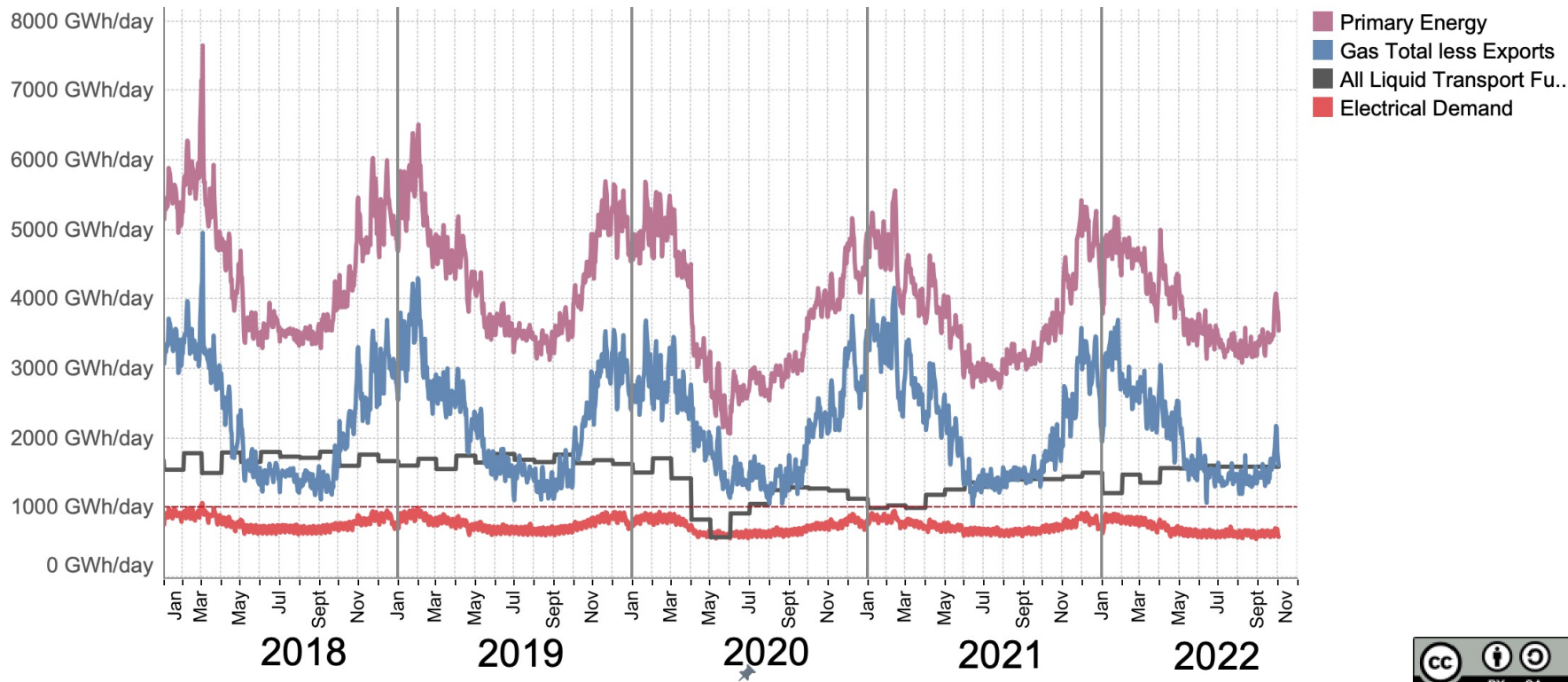
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Multi-vector Energy Diagram for Great Britain GWh per day



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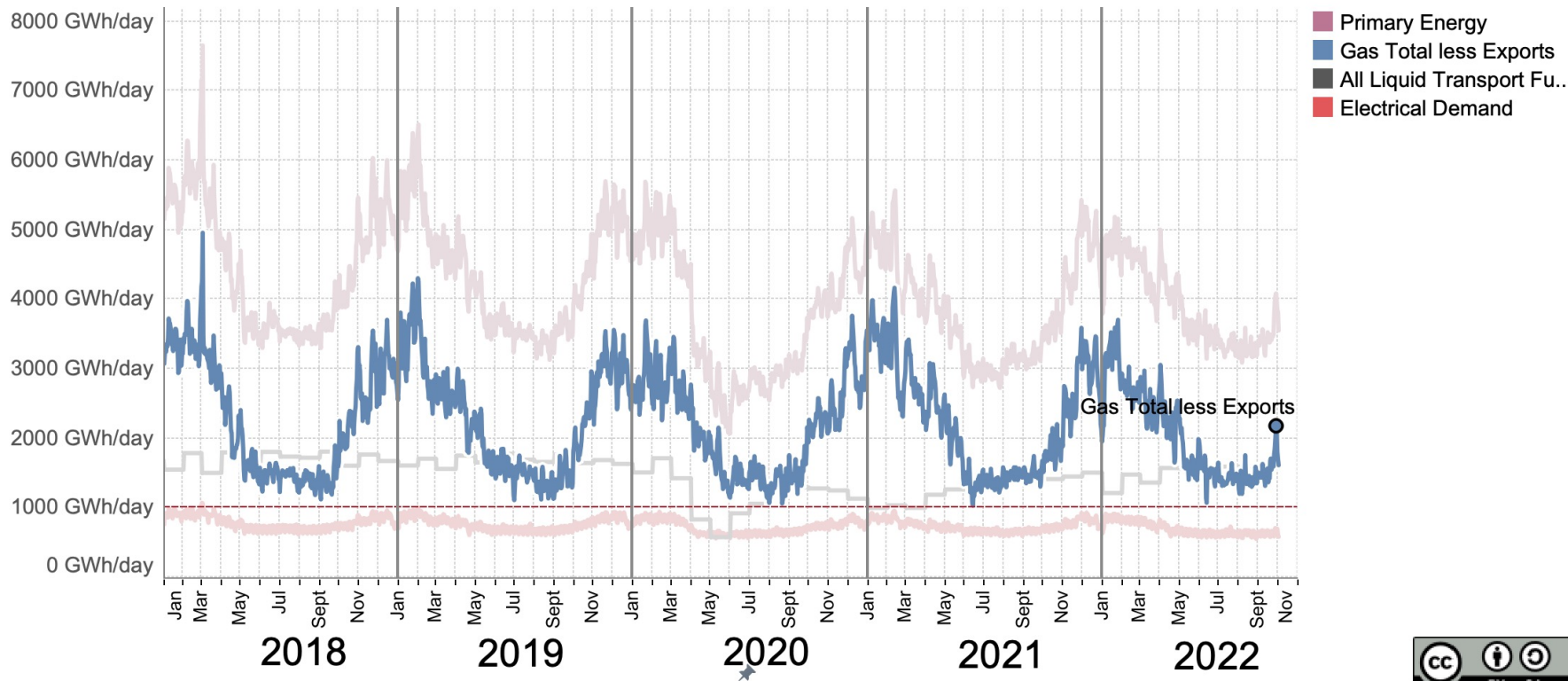
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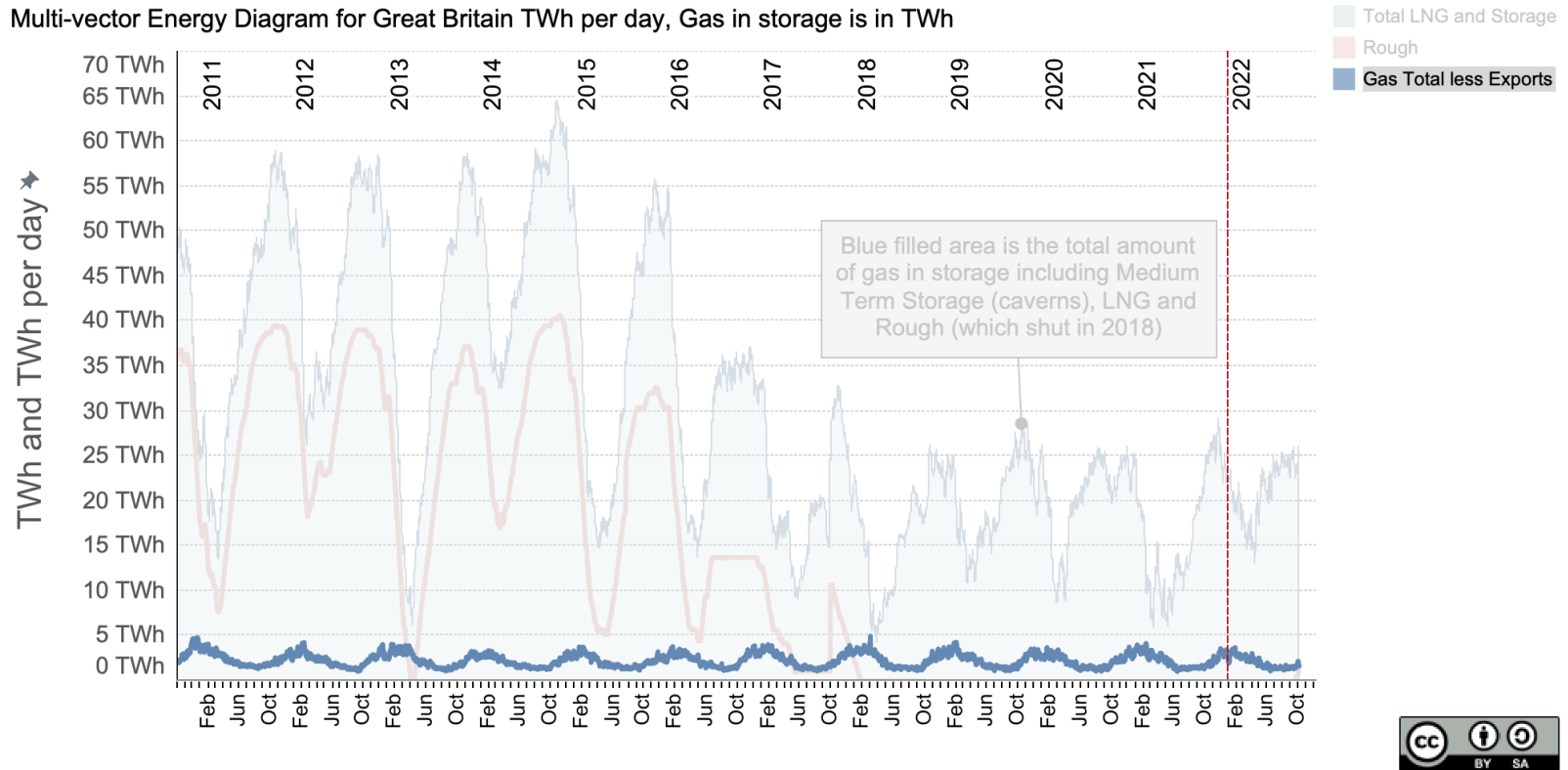
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Underlying data are from National Grid, Elexon and BEIS
Figure created by Dr Grant Wilson: i.a.g.wilson@bham.ac.uk
Energy Informatics Group, University of Birmingham
slidepack available from <https://doi.org/10.5281/zenodo.3930970>

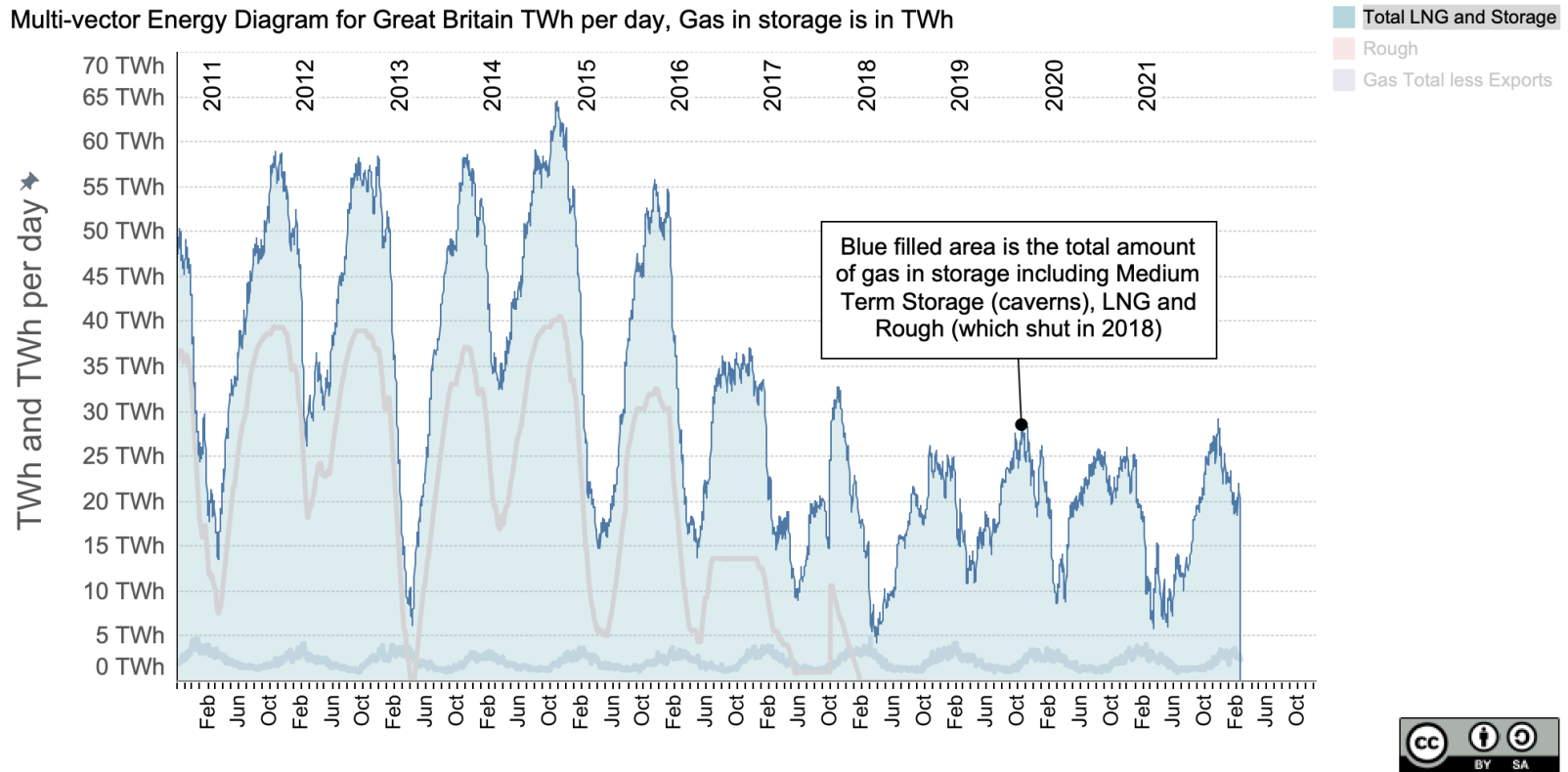
Multi-vector Energy Diagram for Great Britain GWh per day



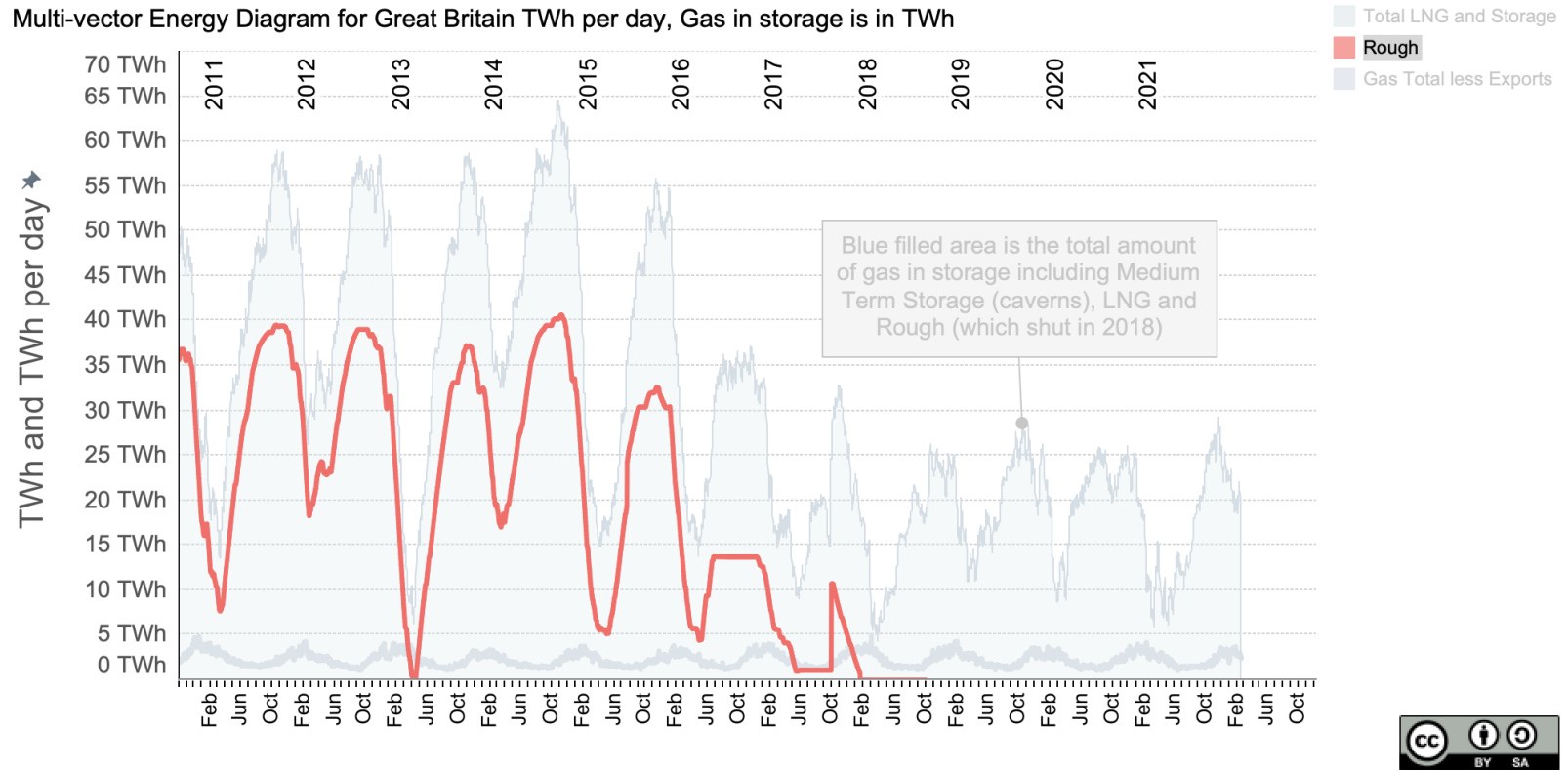
Multi-vector Energy Diagram for Great Britain TWh per day, Gas in storage is in TWh



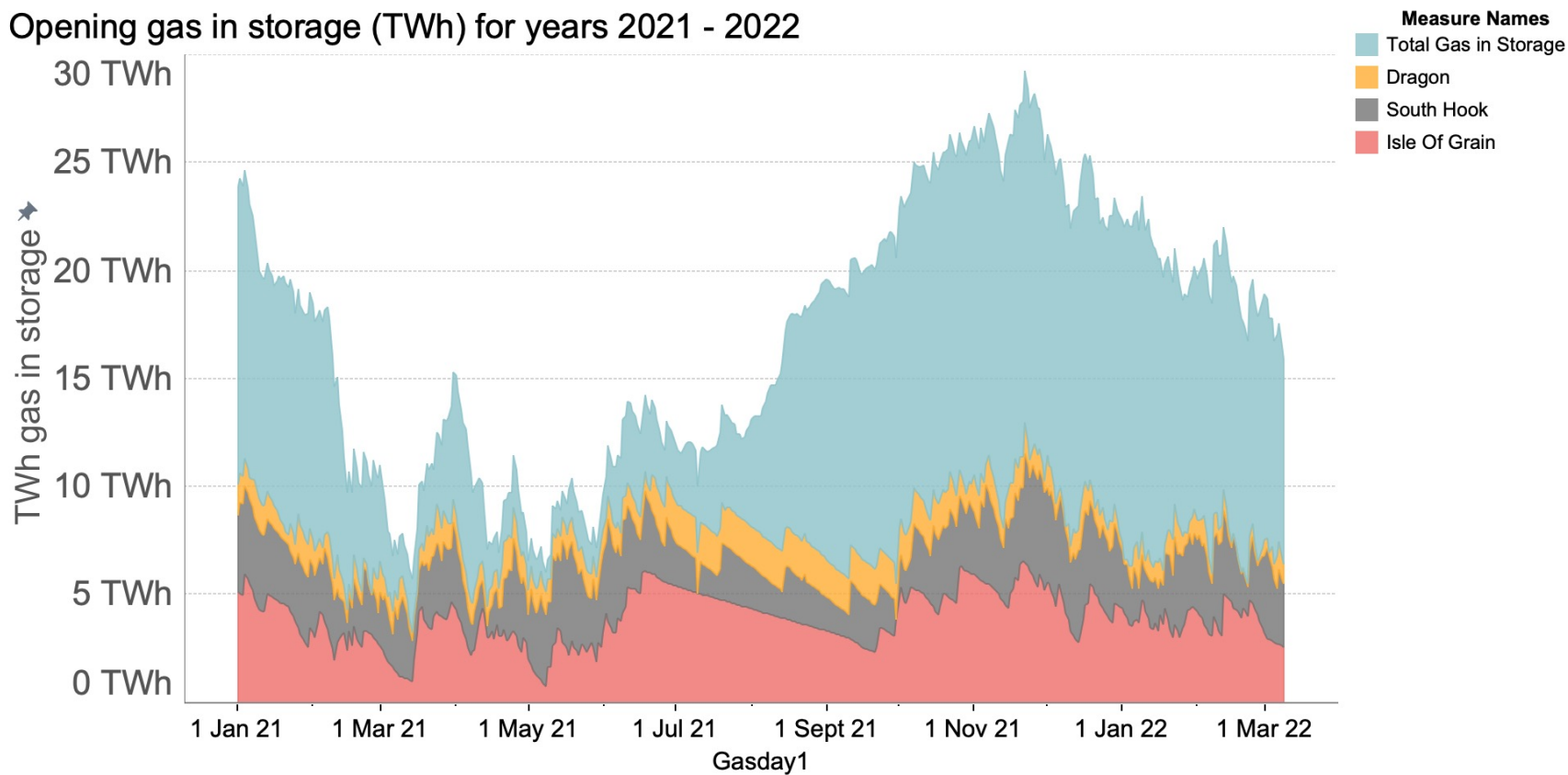
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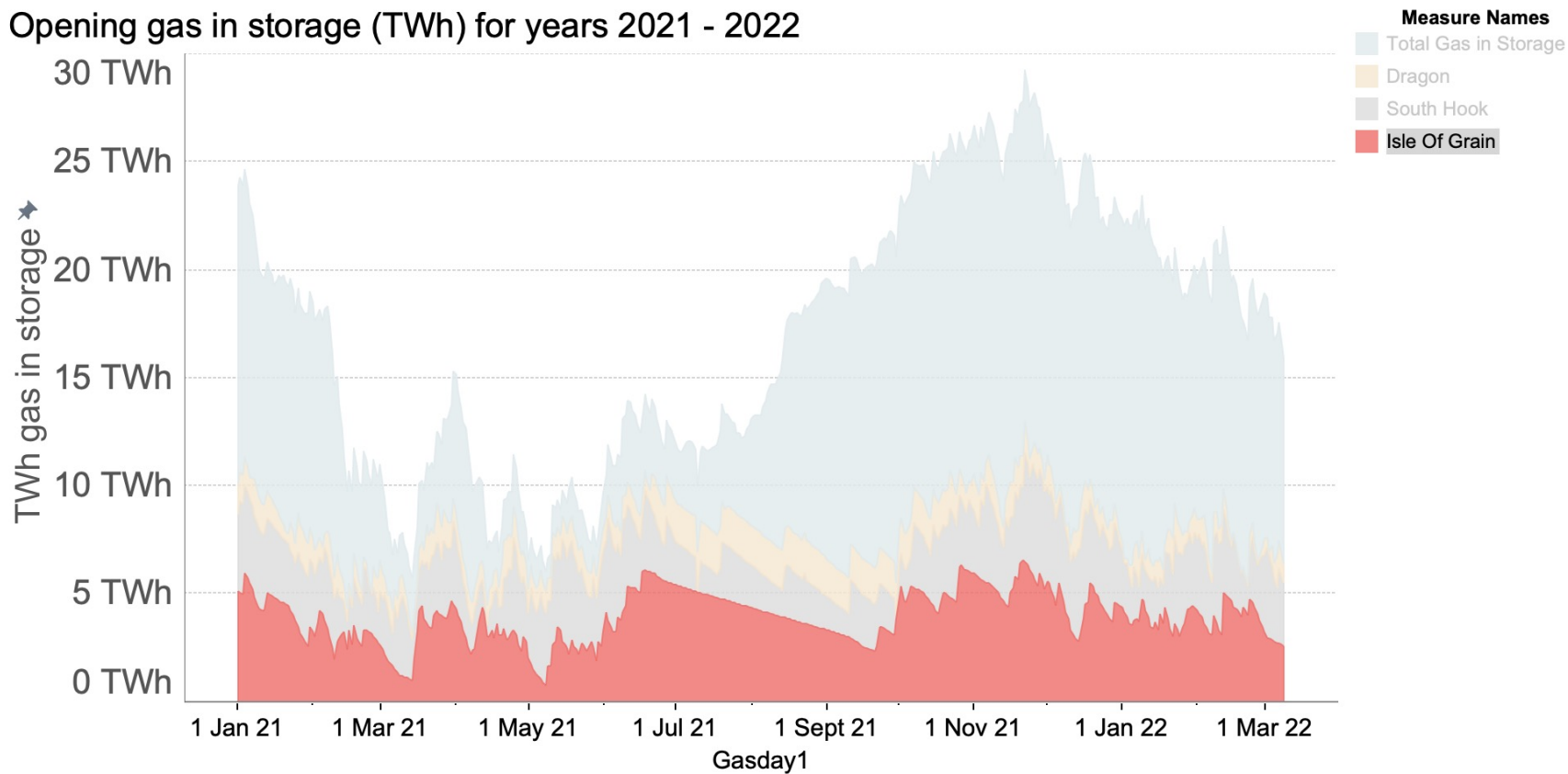
Multi-vector Energy Diagram for Great Britain TWh per day, Gas in storage is in TWh



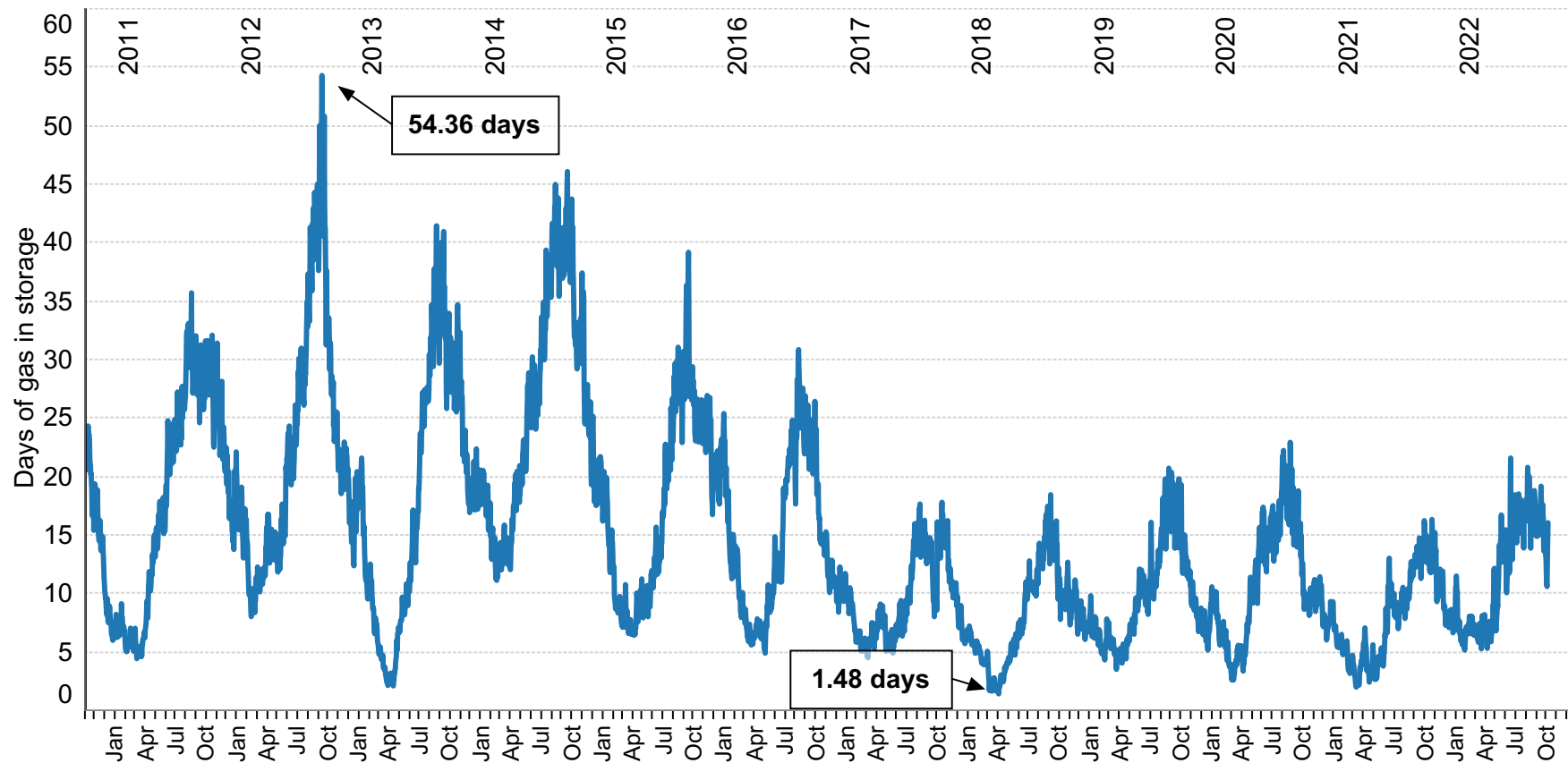
Opening gas in storage (TWh) for years 2021 - 2022



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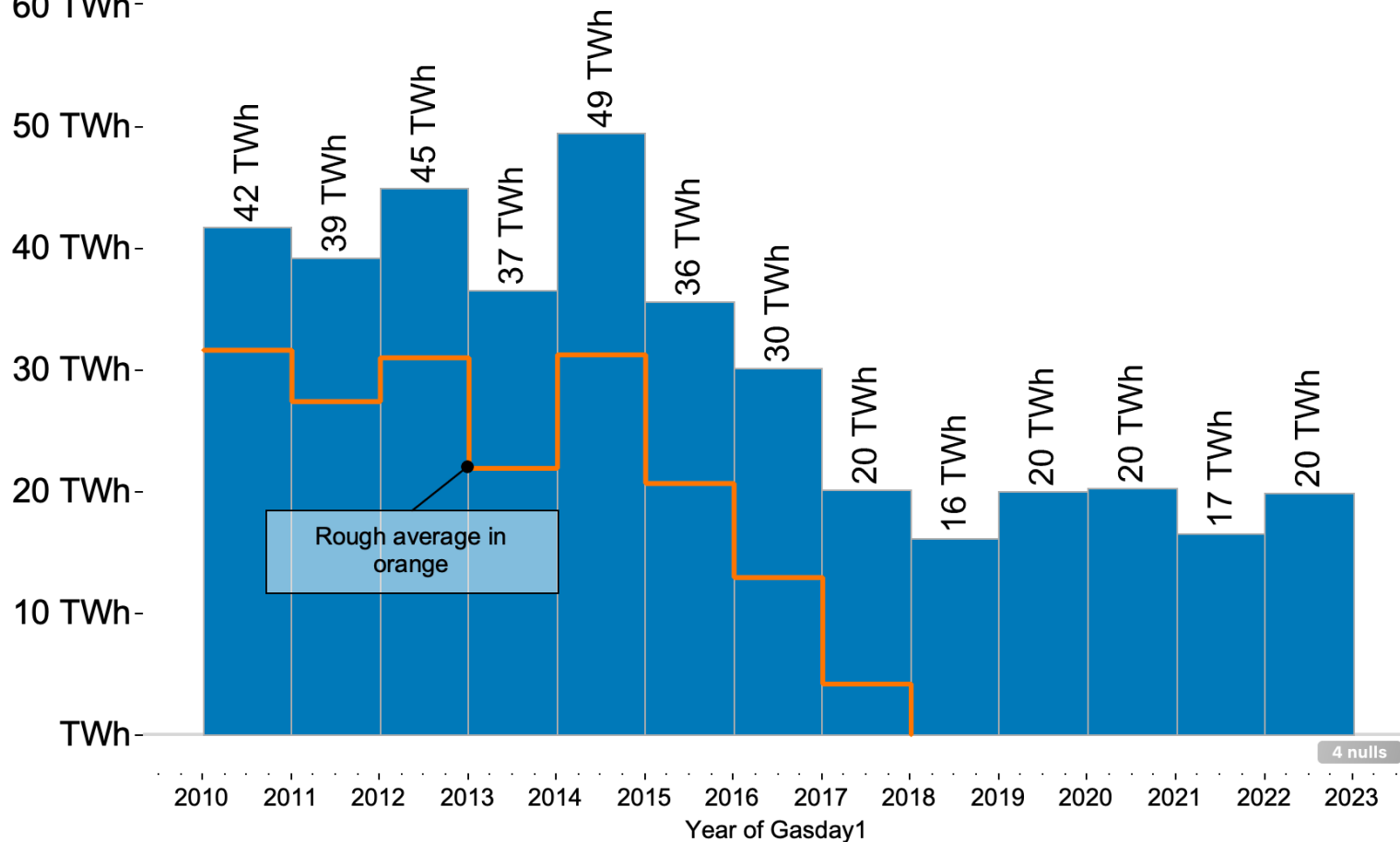


Amount of days of gas in storage == Gas in LNG and Caverns / daily gas demand less exports



Annual Average Total LNG and Storage (includes Rough in orange)

60 TWh-



Sheet 23

