

UK and Ireland 2024 Energy Storage Trends

Charlotte Gisbourne
Market Analyst

18 February 2025



Data Sourcing

Data taken from our market reports:

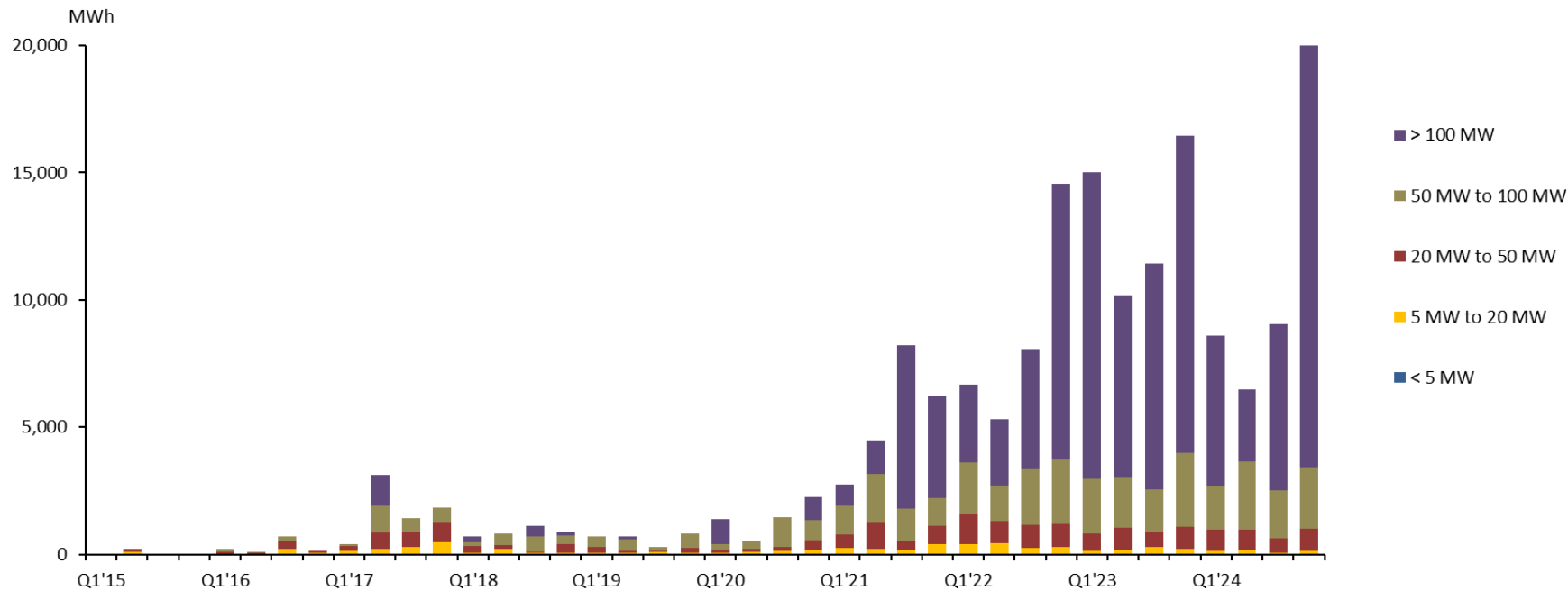
- PV ModuleTech Bankability Ratings Report
- PV Manufacturing & Technology Report
- Utility-Scale Solar - UK Completed Assets Database
- Utility-Scale Solar - UK Pipeline Database
- Utility-Scale Solar - Ireland Completed Assets & Pipeline Database
- **Utility-Scale Battery Storage - UK Completed Assets & Pipeline Database**
- **Utility-Scale Battery Storage - Ireland Completed Assets & Pipeline Database**
- Battery StorageTech Bankability Ratings Report
- Green Hydrogen - UK Completed Assets & Pipeline Database
- Onshore & Offshore Wind - UK Completed Assets & Pipeline Database

Contents

- UK Landscape
- Ireland Landscape
- Conclusion

Planned Projects

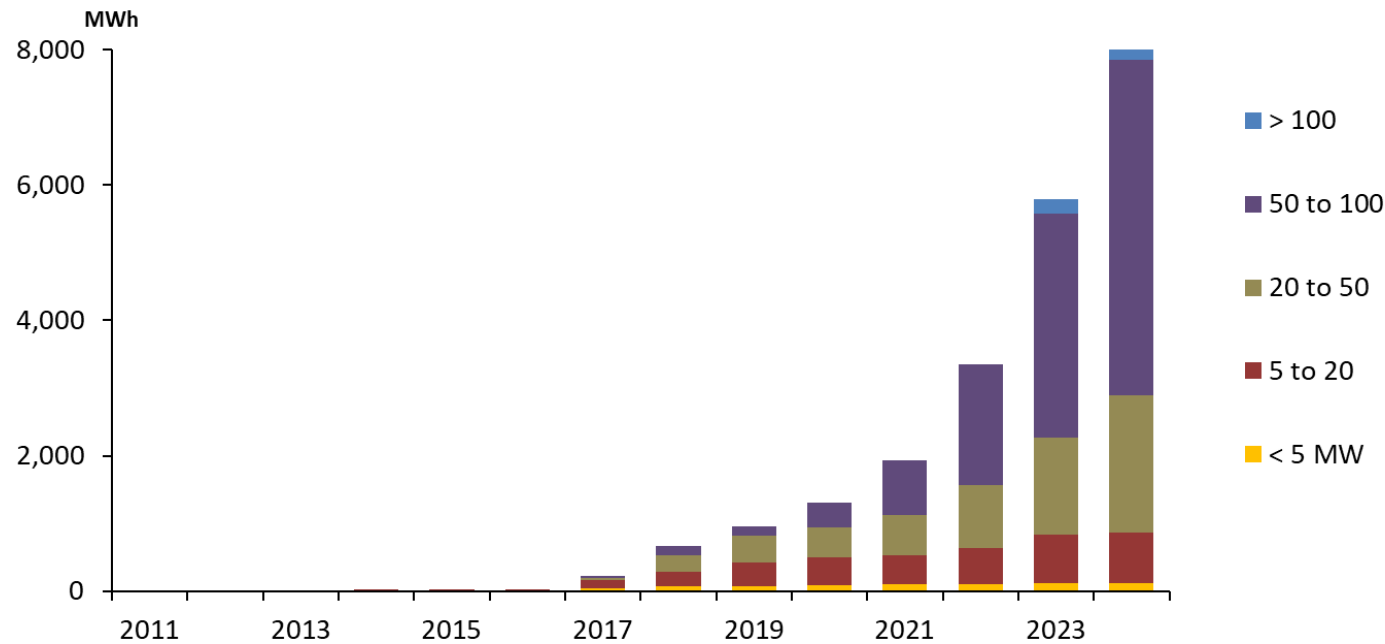
UK | Energy Storage | Utility Segment
Submitted Capacity by Project Size by Quarter



- Last quarter uptick follows trend
- Capacity submitted fell by 12%
- Over 45 GWh submitted in 2024
- Could be focusing more on build out

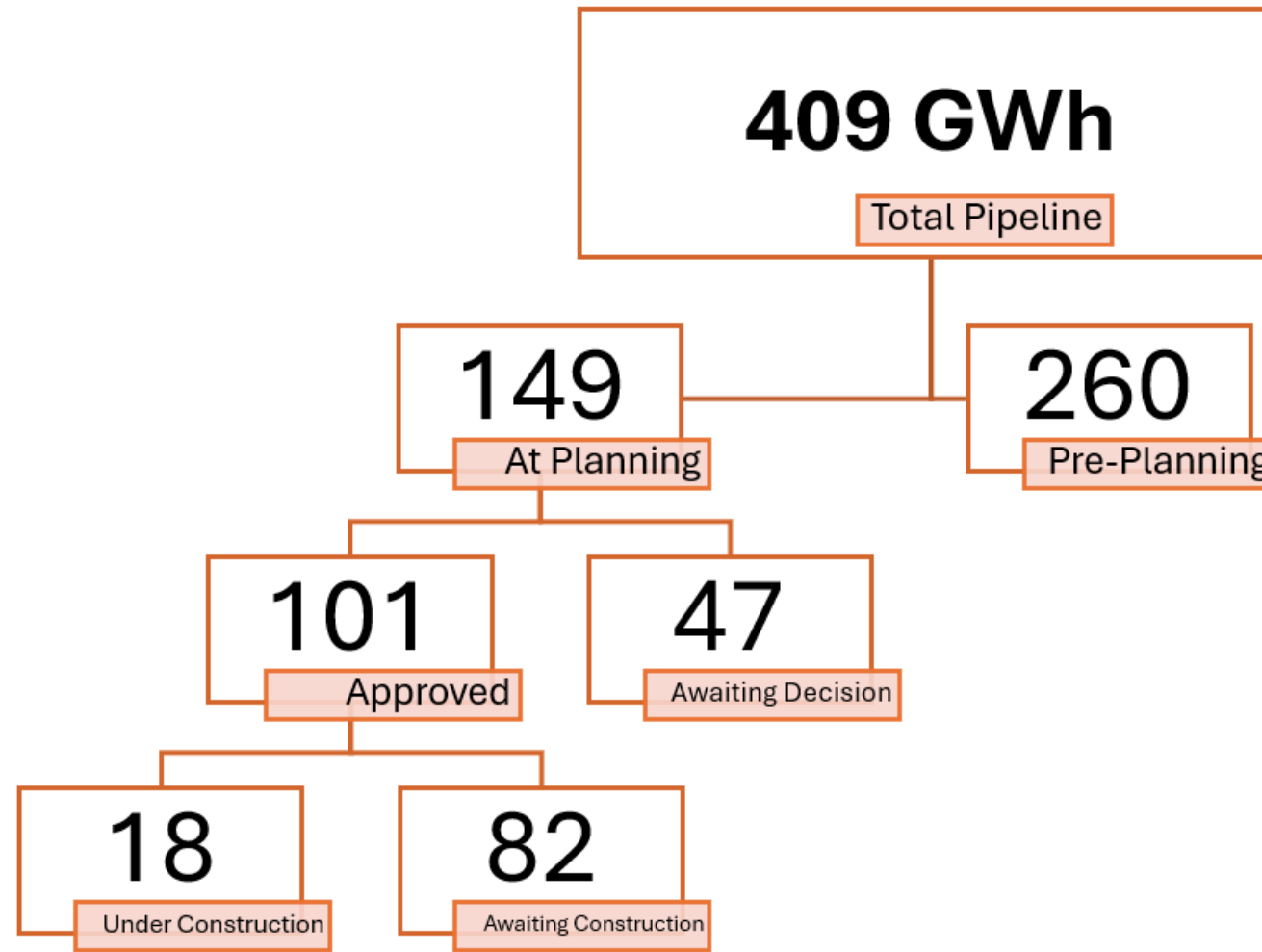
Operational Projects

UK | Energy Storage | Utility Segment Built Capacity by Project Size by Year



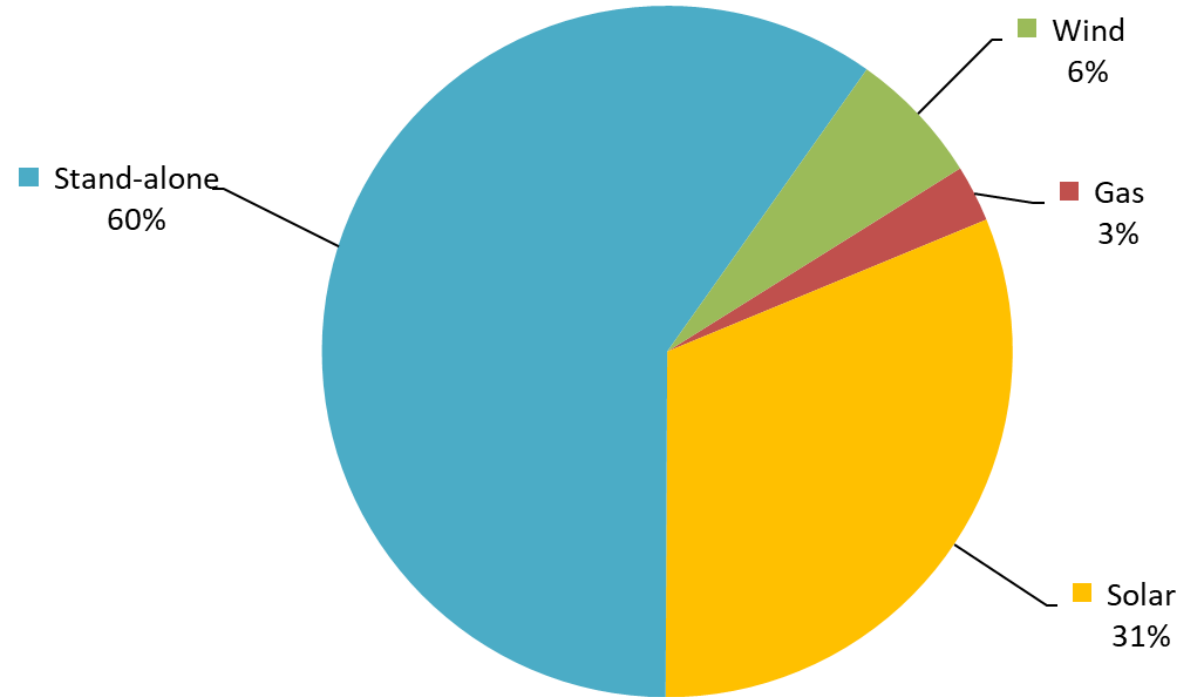
- Over 2 GWh completed in 2024
- 14% less projects completed compared to 2023
- Size per site completed in 2024 rose to 73 MWh

Pipeline

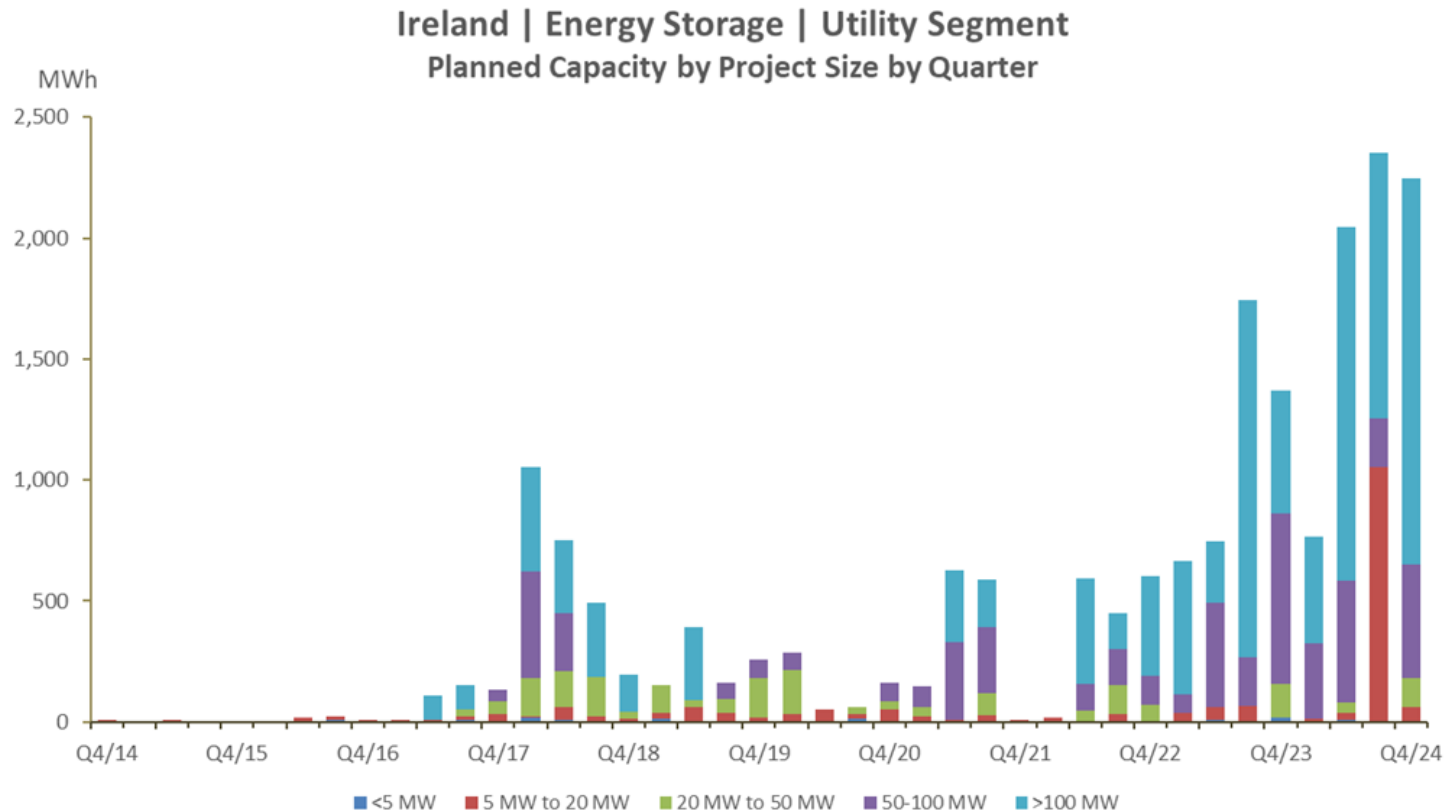


Co-location

UK | Energy Storage | Utility Segment
Number of Projects by Co-location

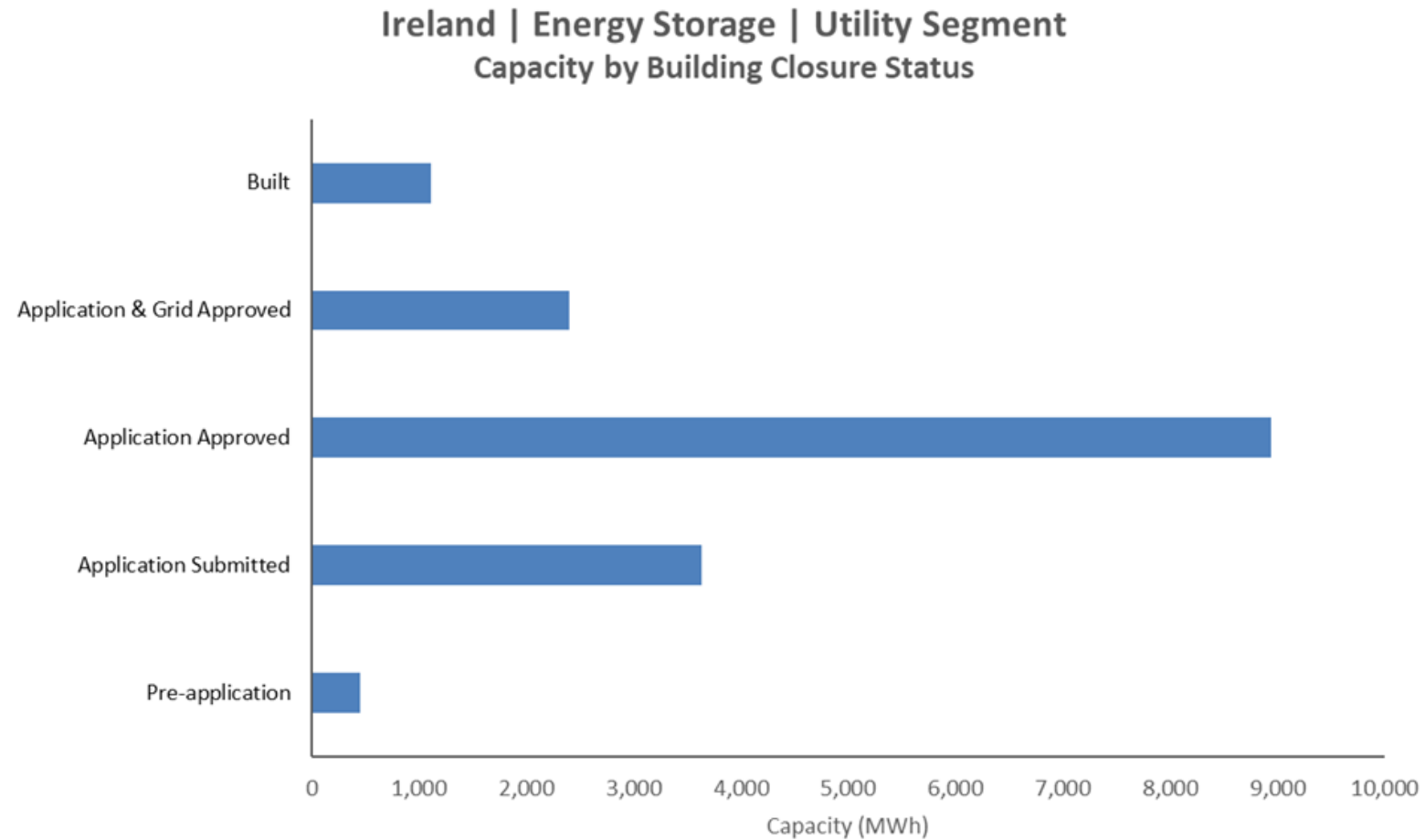


Planned Projects



- Record high capacity submitted in 2024
- Growth driven by increased capacity of projects

Pipeline



Conclusion

- Evolution of ESS market
- New grid reforms
- Strong Pipeline

Thank you

Charlotte.Gisbourne@informa.com

Maxim.Ellacott@informa.com

