

RESS4 Provisional Results

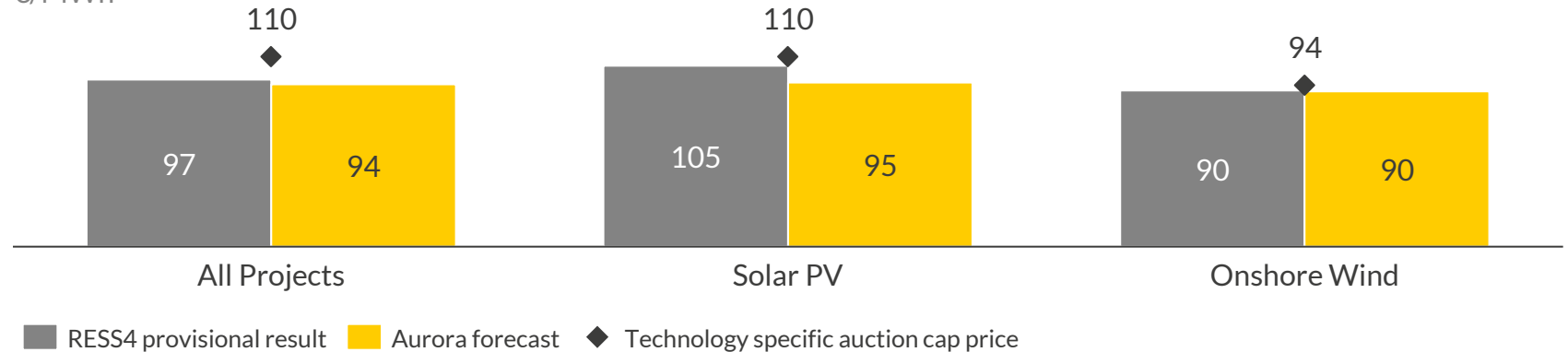
10 September 2024



Executive Summary

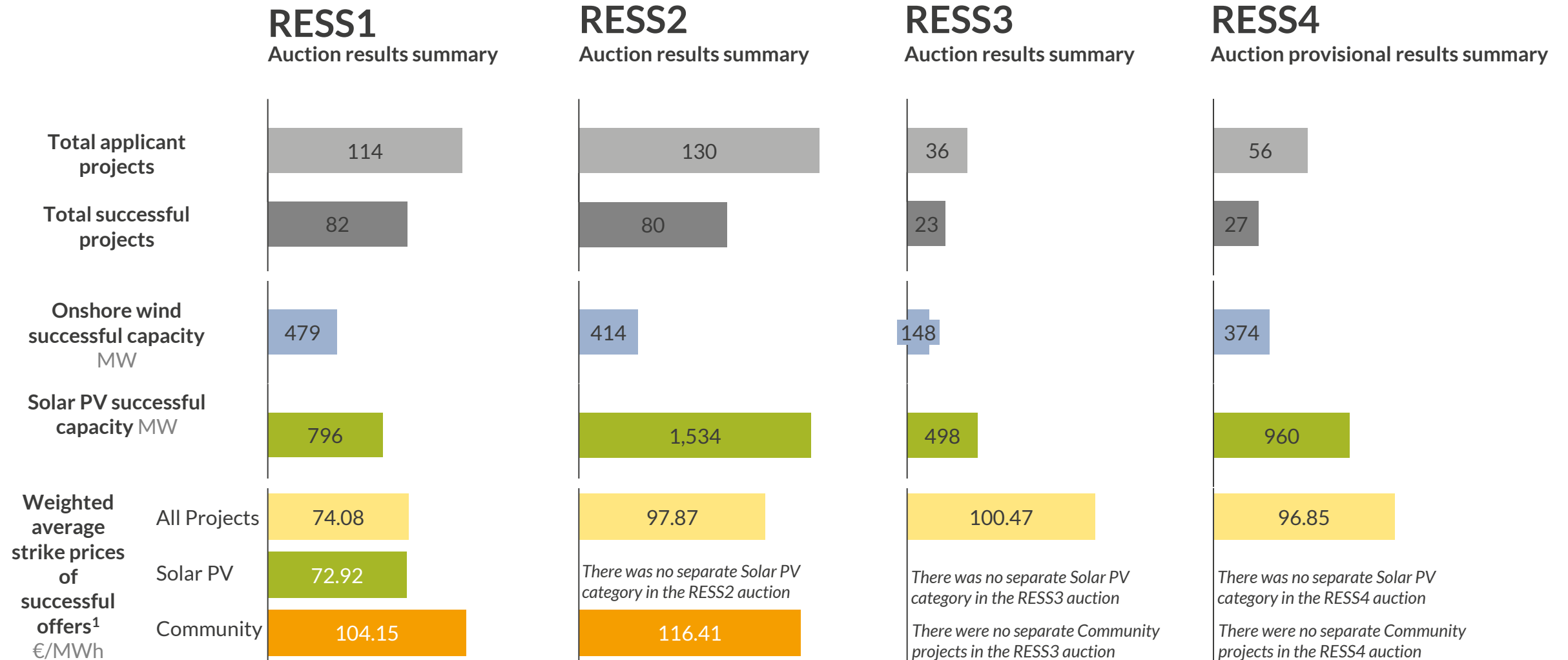
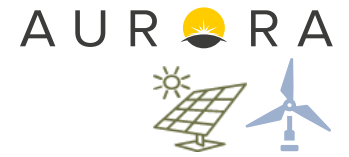
- The Renewable Electricity Support Scheme 4 (RESS4) auction is the fourth round of the Republic of Ireland's current renewable subsidy scheme for onshore renewables and the provisional results came out Monday 9 September.
- RESS4 was surprisingly successful, procuring 960MW of solar PV and 374MW of onshore wind, amidst concerns the reduced auction cap price for onshore wind would deter entry to the auction.
- Despite procuring high volumes, with 2.1TWh provisionally successful, only 27 projects were successful, comparable to RESS3's 23 projects, suggesting only large assets benefitting from economies of scale could prove profitable.
- This capacity was procured at an average generation-weighted strike price of €96.85/MWh, with an average price of €104.76/MWh for solar PV and €90.47/MWh for onshore wind indicating that this auction cleared close to the respective cap prices for these technologies.

Generation weighted average strike price
€/MWh



- To meet the 2030 80% renewable generation target, an additional 1.9TWh of renewables needs to be procured, equating to 2.0GW of solar PV, 0.6GW of onshore wind, or 0.5GW of offshore wind. This puts additional pressure on PPA backed projects and early delivery of future RESS5 projects to help reach the Government target.

RESS4 was more successful than RESS3, procuring an additional 688MW at a lower price of €96.85/MWh

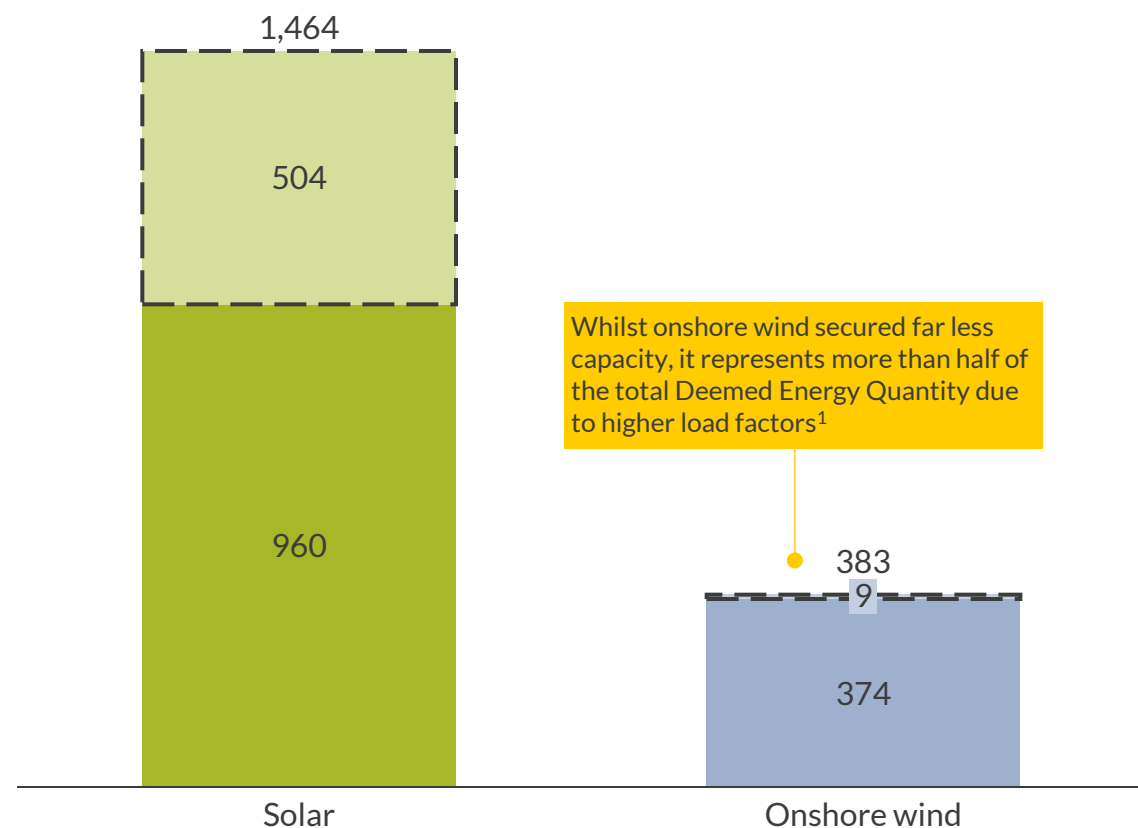


1) Strike prices have been higher post-RESS1 in part due to higher CAPEX brought by the Russia-Ukraine conflict. These have been pushed higher in RESS3 due to a less competitive auction with a smaller number of projects qualifying.

The RESS4 auction has revived the renewable landscape, procuring 1.3GW of capacity, including four new onshore wind projects

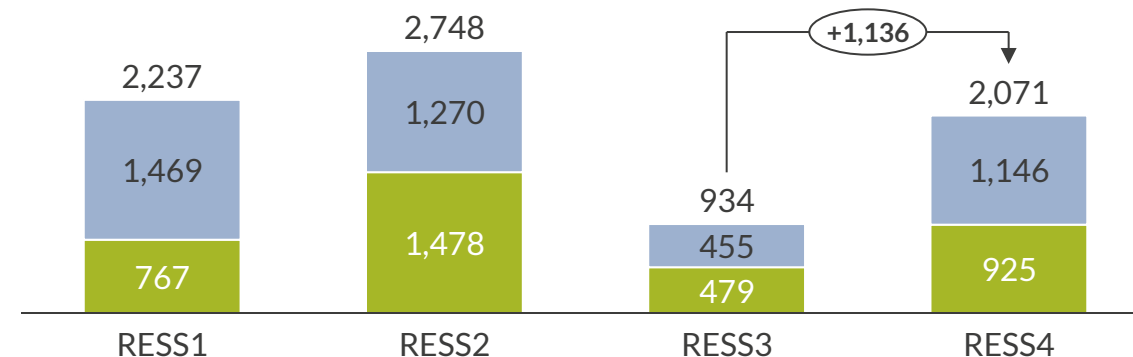
Solar secured the highest offer quantity (960MW) with an offer success rate of 66%, while almost all onshore wind was successful

Final offer quantity
MW

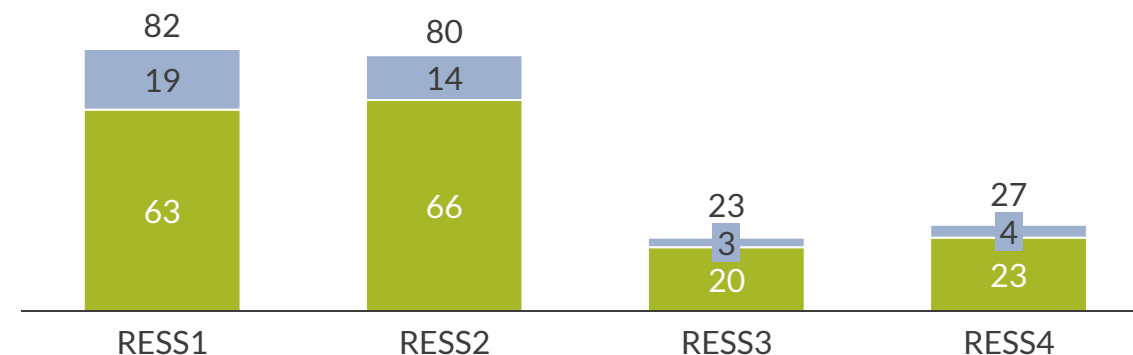


Despite a low number of successful projects, similar to RESS3, the size of these projects has led to similar volumes to RESS1&2

Final successful deemed energy quantity
GWh



Number of successful projects

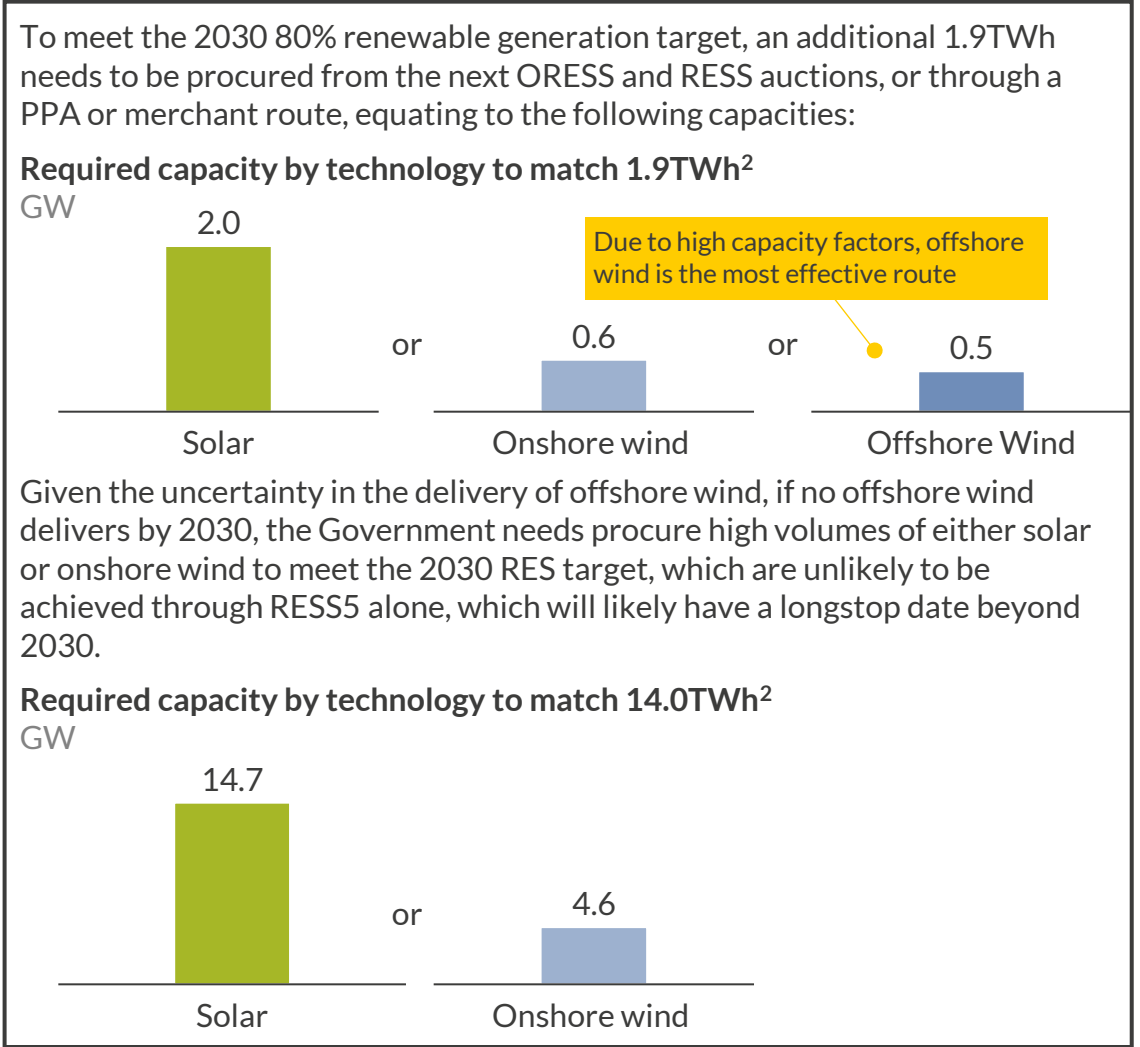
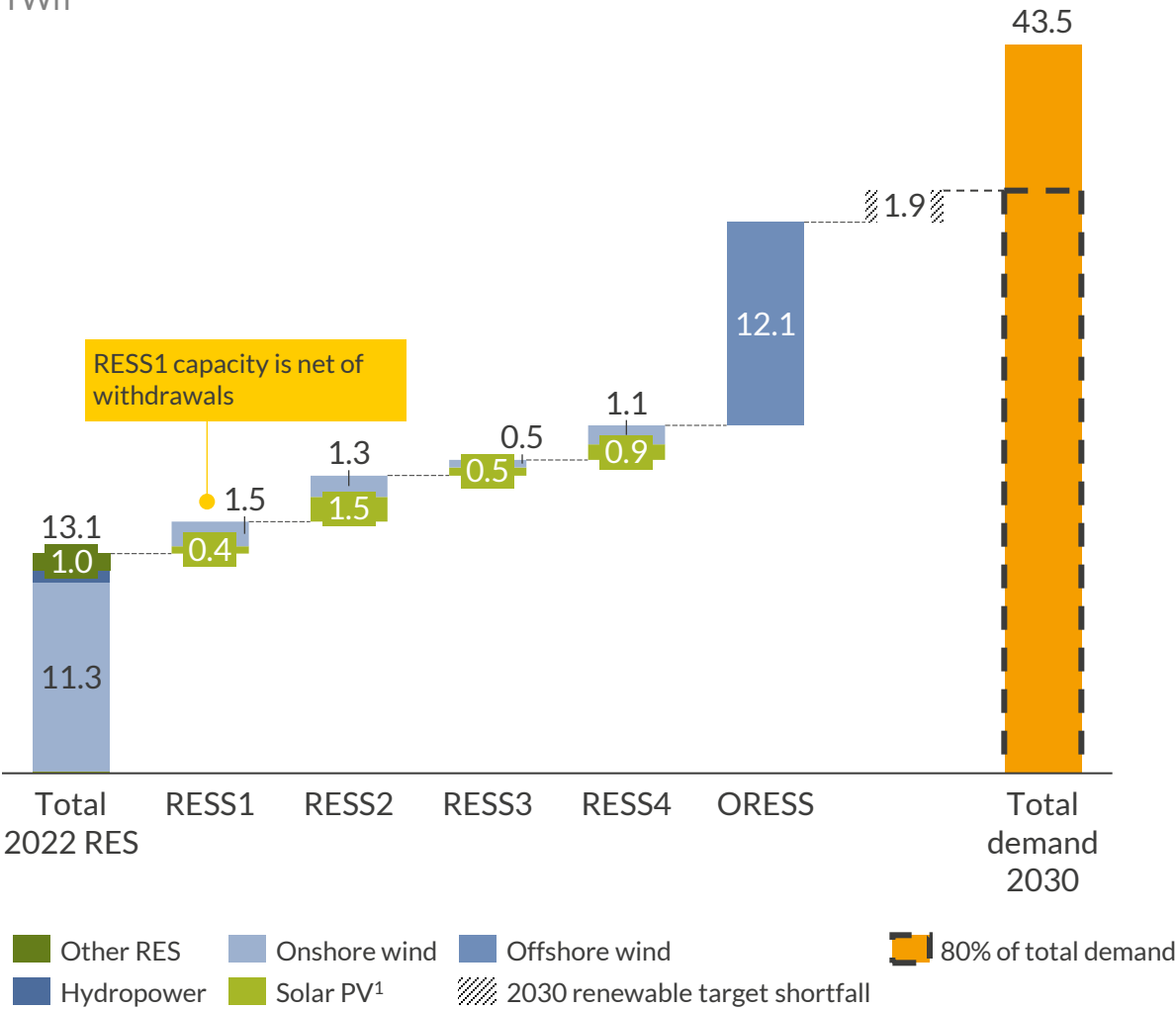


■ Successful ■ Unsuccessful ■ Onshore wind ■ Solar

1) The RCFT was determined by Eirgrid and SONI for all eligible renewable technologies prior to RESS 1 and RESS 2, including onshore wind (35%) and Solar PV (11%).

Despite higher volumes in RESS4 compared to RESS3, there is still a shortfall to the 80% renewable energy target by 2030

Annual renewable generation in the Republic of Ireland²
TWh



1) Not including rooftop solar 2) The RCfT was determined by Eirgrid and SONI for all eligible renewable technologies prior to RESS 1 and RESS 2, including onshore wind (35%), solar PV (11%), offshore wind (45%).

Details and disclaimer

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RESS4 Provisional Results

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