

The future investment costs of offshore wind: an estimation based on auction results

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Abstract-

Offshore wind is one of the auction designs rely on a larger market price exposure). On the other hand, wind farm size and distance to shore show low correlation with CAPEX. Finally, we also show that, if the current trend in cost reduction continues beyond 2026, offshore wind might achieve cost competitiveness by 2030. This in turn may point out to a higher share of offshore wind in future energy scenarios.

Index Terms- Offshore wind energy costs; Learning curves; Renewable energy auctions

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