Short CV — Anas R. S. Abuznaid

Anas R. S. Abuznaid is a PhD researcher in integrated power and energy systems based in Cork, Ireland.He is currently affiliated with the International Energy Research Centre (IERC), Tyndall National Institute, and University College Cork, where he works on smart energy systems, local electricity markets, local flexibility markets, Local Energy Communities, energy forecasting, and distributed energy resources.

His research focuses on the implementation of local energy markets and local flexibility markets, with particular interest in prosumer coordination, battery energy storage operation, distributed energy-resource scheduling, and forecast-informed flexibility management. His work also covers community net-load forecasting, renewable-energy integration, multi-agent coordination, and grid-aware assessment of flexibility in low-voltage networks.

Before joining IERC, he worked as a lecturer at Hebron University from 2021 to 2023 and previously served as a research assistant and teaching assistant at Istanbul Aydin University from 2019 to 2021. Earlier in his career, he worked as a power engineer in Palestine, gaining practical experience in power systems, substations, electrical-system operations, power electronics, and solar photovoltaic applications.

He received an M.Sc. in Electrical and Electronics Engineering from Istanbul Aydin University in 2021 with High Honor and a GPA of 3.91/4.00.He also holds a B.Sc. in Electrical Power Engineering from Palestine Polytechnic University.

His recent research output includes work on probabilistic community net-load forecasting, smart-grid scheduling, and market-flexibility coordination for Local Energy Communities.He has accepted conference papers at ICRERA 2026 and IEEE ENERGYCON 2026, and his broader academic profile combines energy systems, electricity markets, flexibility modelling, and AI-enabled energy analytics.

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