



# Dublin Airport boosts sustainability and resilience with Demand Response from Enel X



Since May 2018, daa, the airport operator, has been part of Ireland's DS3 programme, the acronym of a multi-year blueprint for "Delivering a Secure, Sustainable Electricity System". The agenda is promoted by the public operator EirGrid through Enel X, a unit of Enel Group.

The goal is to generate 40% of the energy produced on the island of Ireland from green sources by this year. Because sources such as wind and solar depend on the weather, flexibility on energy use by major clients commands a premium as grid operators try to maintain a constant balance between supply and demand. Enel X is at the forefront of energy innovation and a global leader in so-called demand response, which allows companies to earn payments for being on call to cut nonessential energy use when the grid is under stress.

Participating in Demand Side Response programmes provides tangible benefits for the grid and economic returns for our C&I (Commercial & Industrial) client who, in this case, receives compensation flows from both flexibility programmes, while also increasing operational resilience and assisting EirGrid in the integration of more. The DS3 programme is designed for larger clients who can rapidly exploit the flexibility of their own generation assets at times when the frequency of the grid may be unstable. It will allow daa to contribute an overall supply of 11+MW of flexible capacity through EirGrid's ancillary services programme and through the wholesale electricity market for Ireland and Northern Ireland.

**"Participating in EirGrid's latest grid balancing schemes fits perfectly with our asset management and energy objectives. We are delighted to become part of the Enel X network of businesses that are enabling Ireland's grid resilience while enhancing our own operational resilience. Enel X provides us with the expertise, technology and support we need to successfully participate in these latest grid balancing schemes. Our signing up, testing, and early participation were all simple and seamless"** Ian Clarke Energy Manager, Dublin Airport

For further information, please reach out to us at:  
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