



Irish pumped energy storage project tender announcement

Will Ireland develop more pumped storage hydroelectric capacity by 2030?

Ireland could develop an additional 360MW of pumped storage hydroelectric capacity by 2030 to mitigate security of supply concerns in relation to electricity.

What is a pumped hydro power project?

It aims to turn a former mine site into one of Ireland's leading clean energy facilities. This pumped hydro power project can store as much as 296 Megawatts (MW), with a daily storage capacity up to 2,175MWh of electricity. This is enough to power 185,000 households or 21,000 small businesses in Ireland everyday.

How much does EirGrid's T-4 capacity auction cost?

EirGrid assigned 7.2 GW of capacity in its latest auction, with 5.4 GW to come from gas power plants. The auction clearing price reached EUR83.050 (\$90.554)/MW per year. Irish grid operator EirGrid has published the provisional results of its latest auction for the capacity market - the so-called T-4 Capacity Auction.

How many pumped storage hydropower facilities are there in Wicklow?

There is currently only one pumped storage hydropower facility, Turlough Hill, in County Wicklow. This facility, operated by the ESB, currently has the ability to go from idle to full power in the space of just 70 seconds, and its four turbines can generate in the region of 300MW of electricity.



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