

Electricity is the key to green energy in Ireland. It is not only for heat light and power but will be required for the production of Bio-fuels, Electric cars and home heating ie heat pumps and space heating.

My vision is for a multiple of wind turbine farms off-shore, such as the London Array ,1MWATT from 180 turbines.

To store the output a series of Hydro (pumped storage) stations such as the innovative Turlough Hill should be built around the country. Computerised modelling and control systems could be designed to determine the number to achieve optimum security in demand.

The artificial lakes created could be integrated with the requirement of water supplies for major population centres, otherwise they could be used for different water sports at each location.

To fund the capital investment ,Green Energy Bonds should be created .Investment in these Bonds would fund Retirement pensions from retirement age to death, the cost of bonds could be subsidised by the State similar to SSIA.

Further expansion of the wind farms or the introduction of wave energy could make Ireland self sufficient in electricity energy.

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