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To: [North Lincolnshire Green Energy Project](#)
Subject: Comments on Defra's Residual waste Infrastructure Capacity Note.
Date: 02 February 2025 18:12:26

Defra's Note sets out in great detail the current and projected waste treatment needs including Energy from Waste {efw}

There appears to be a very real possibility that in the next few years there could an excess of capacity for handling residual waste and that in particular, capacity that is locked into long term contracts, such as efw, will be competing for an ever-decreasing residual waste feedstock, indeed worse, it will be preventing the overall aim of Zero Waste.

Energy from Waste Contracts signed now potentially lock in a large volume of waste for up to 25 years, preventing/blocking the principles of Reduce, Reuse, Recycle.

Rather than consenting further efw plants, surely the most exciting opportunity to deal with the fossil component of residual waste and the biomass portion is via the Renewable Transport Fuel Obligation, to produce recycled carbon fuels for the transport sector.

The Department for Energy Security & Net Zero {DESNZ} continues to support such developments including Advanced thermal treatments, low carbon hydrogen. The Advanced Fuels Fund is supporting a number of residual waste gasification projects seeking to produce sustainable aviation fuel, including a project on the boundary between North Lincolnshire and North East Lincolnshire at Immingham. The potential of these projects towards the UK's aspirations to be world leaders in sustainable carbon neutral technology cannot be underestimated.

However, should the NLGEP be granted development consent it will be in direct competition to these potentially groundbreaking projects, chasing an ever-reducing feedstock.

Yours

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