

**From:** [REDACTED]  
**To:** [SizewellC](#)  
**Subject:** Objection to Sizewell C  
**Date:** 20 September 2021 16:51:57

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Dear Planning Inspectorate

I am writing to express my strong objections to Sizewell C, an overpriced, environmentally disastrous venture that will not even be needed as renewables and storage develop apace.

As you know, EDF has challenges in obtaining enough drinkable water to build Sizewell C. EDF's problems have arisen because Essex & Suffolk Water cannot build the 28km of replacement or new high pressure water mains, to deliver up to 4million litres of potable (drinkable) water each day to the Sizewell C site in time – potentially as late as 2026 – and may not have sufficient water at all! They have issued a “Holding objection” to Sizewell C. EDF's solution is to propose a water desalination plant.

1. It is disgraceful that this fundamental issue is unresolved at this late stage in the planning process, two thirds of the way through the examination. Campaigners and communities have been asking questions about water for a decade.
2. It is outrageous that EDF give no indication of what cost this will add to the project.
3. It is outrageous that EDF's previous objections to desalination seem to have evaporated. EDF previously stated “This option <desalination> has been discounted in favour of alternative options, due to concerns with **power consumption, sustainability, cost, and wastewater discharge**. The desalination process is typically energy intensive, and the discharge of brine water as a result of desalination may not be suitable for discharge through the combined drainage outfall (CDO) Having raised these concerns, how can they now argue for a desalination plant? Lack of water is a fundamental fail point in the whole project.
4. My specific objections to the desalination proposals are:
  - The plant will take 4 – 6 months to build and be brought in by road, but because it cannot be installed at the very beginning of construction, drinkable water will need to be brought in by tanker for the first 9 -12 months of construction, up to 40/day (80 truck movements). EDF claims tankers and plant transport won't raise HGV “caps” but we are doubtful.
  - The plant would operate 24/7 using diesel generators until onsite power is available. This will contribute to significant CO2, Nitrogen Oxides, and PM 10s and 2.5s. Atmospheric Ozone will also increase as a result of the combination of NOx and volatile organics which have health impacts.
  - Water discharged will be 1.6 times more (brine) concentrated than natural seawater and may exceed screening thresholds for zinc and chromium. Impacts on marine life from this and the water intakes are unclear,

Alongside the ruinous environmental effects upon the local nature reserve/AONB/SSSI (Minsmere) and overbearing congestion on the local roads for over a decade; the exorbitant cost; and the questionable need for the power station whilst other energy sources come on stream; surely the lack of water to support the development is the last nail

in this project's coffin?

Please do not let it go ahead.

Kind regards

Jon Alltree

