

**From:** [REDACTED]  
**Subject:** Sizewell C  
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Dear all,

I am writing to express my opposition to the Sizewell C plant.

Sizewell C is outdated and by the time it is complete will be unusable. It would be better to invest in "energy universities" exploring new ways of producing energy - and the UK could be a leader in this field. Some key bullet points are below.

- Sizewell C is slow – it would take 10-12 years to build, so not generate any power until 2034.
- Sizewell C is expensive, costing £20+ billion, which could be invested in renewables such as offshore wind or hydrogen storage.
- Sizewell C takes a lot of carbon to build. EDF's own estimates are that it would take 6 years to pay this back, meaning Sizewell C wouldn't contribute to net zero until 2040. The government's latest target is a 78% reduction in CO2 emissions by 2035.
- The type of reactor EDF wants to build (the EPR) has an appalling track record.
- The few EPRs under construction are all well over budget and – in France and Finland – running a decade late. The only operating EPR in China has reported degraded fuel rod sealings and been closed after international attention.
- No one yet knows how Sizewell C will be paid for; EDF wants consumers to help pay for the financing through a nuclear tax on energy bills (called a RAB model) and is pushing hard for legislation to allow this, but nuclear projects remain very risky.
- It won't help 'level up' the UK. Sites in the north and west would do more to narrow the economic gap.
- The UK government wants to eject EDF's controversial partner – China General Nuclear – but has not decided how.
- Nuclear energy is not green energy. There is as yet no long-term solution for nuclear waste and this demonstrates that the plant is a short term solution *with no plan for how to deal with this dangerous waste in the long term.*

#### **The Plant being near nature reserves is in the wrong place:**

- EDF's claims of thousands of jobs for locals and billions of pounds spent locally are unproven. We maintain that Sizewell C would damage the local economy.
- EDF wants to bring its Hinkley workers to Sizewell. EDF estimates almost 6,000 workers would come into the area; 2,400 of them would live in a "campus" near the tiny hamlet of Eastbridge.
- Visitors would stay away, losing the tourism industry up to £40 million a year (independent research) and losing 400 jobs. EDF admits 725 'local' staff would come from other businesses.
- There would be around 12,000 extra vehicles a day on the A12, including 700

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- The Sizewell C site is on an eroding coastline and surrounded by protected wildlife habitats.
- Toxic nuclear waste would have to remain on site for well over 100 years.
- The site is wholly within the Suffolk Coast & Heaths Area of Outstanding Natural Beauty. Construction will cut the AONB in half for a decade
- The site adjoins internationally famous RSPB Minsmere reserve and some of Sizewell Marshes Site of Scientific Interest will be built on.
- There is no assured long term water supply for Sizewell C. To obtain enough potable (drinkable) water for construction, EDF has been forced to propose a desalination plant.

Scientists are currently exploring how difficult it will be to manage radioactivity emanating from these sites as the climate crisis presents challenging weather and conditions ahead which would mean that the safety of such plants would be in jeopardy. I believe that nuclear power is an old fashioned technology and that new sources of energy need to be found that are more sustainable, fair and safe for all and for the rest of history. If human kind were to become extinct - the whole planet would die when there is no-one to tend to these plants.

The old ways we receive energy into our homes and businesses is obsolete and nuclear does nothing but offer a different type of energy to the same old, carbon producing methods. I appreciate you reading this and hope that this is not given the planning as I believe it would be very short sighted to do so.

Thank you for your consideration

Yours Sincerely

Marie Brennan M.IDI FRSA