

**Question for written answer E-002711/2025
to the Commission
Rule 144
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Subject: Impact of heatwaves on the availability of nuclear power plants

The increase in extreme temperatures could seriously affect the functioning of energy infrastructure, especially thermal power plants that require large volumes of water for cooling. Although ENTSO-E's report on electricity supply outlook for this summer – drawn up in accordance with Regulation (EU) 2019/941 – rules out general risks, this summer's first heatwave has already led to the closure of nuclear power plants in the European Union¹. The possibility of partial or complete closures of other nuclear installations during the summer therefore cannot be ruled out, which would jeopardise the security of supply and cause price spikes.

In this context:

1. Can the Commission provide information on whether it has additional contingency plans in place to tackle extreme climate events and to ensure a supply of affordable electricity?
2. Is better cooperation at EU level being considered in relation to demand flexibility, reinforcement of interconnections and solidarity mechanisms between Member States?
3. What measures does the Commission intend to take to mitigate the impact of such events on electricity prices?

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¹ <https://www.reuters.com/business/energy/edf-shuts-down-golftech-nuclear-plant-due-high-river-temperature-2025-06-30/>