Haya **Energy** Solutions \leq

"Solutions builder for your energy challenges"





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What is NucMonitor?



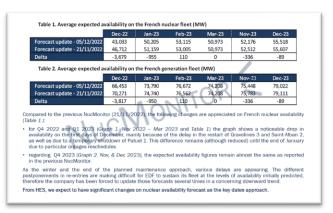
NucMonitor is a regular report developed by **HES experts** that provides an analysis and a progressive comparison of the **availability of the French generation fleet.**

Context

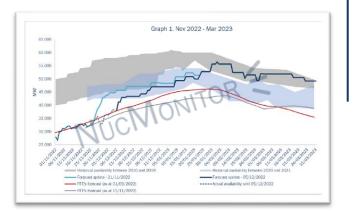
In France, nuclear energy represents almost 70% of the energy mix. However, the French nuclear fleet is facing a series of challenges which considerably reduce its production and this unavailability has an impact on the markets.

The NucMonitor tool highlights how availability forecasts vary, which is essential for understanding and anticipating market reactions.

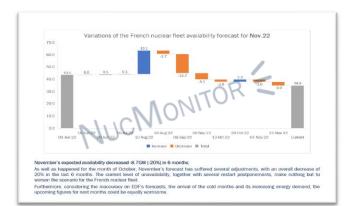
Monthly average capacity



Short term EDF & RTE's forecast



Monthly variation analysis



HES experts' analysis & conclusions

Concerning to other electricity generation technologies in France (Table 2):

No significant changes are reported. Difference on total French generation fleet availability regarding last report data is related mainly with nuclear availability.

News about the current nuclear situation in France.

The availability of the fleet exceeded 356W last week: due to some reconnections to the grid. the availability of the nuclear fleet reached 35.4 GW (out of the 61.4 GW total capacity of the fleet). This figure should have been more substantial since EDF planned the re-entry in operation of nine reactors last week, but several of them were postponed, and only three of them could be effectively reconnected for the grid (Quas 3, Ticastan) said Belleville 2.

New postponements on re-entries: as mentioned above, several reactors re-entries were rescheduled last week, amongst them Gravelines 3 and Sant-Blan 2. Also, a tinet shieldown of Patuel 1 decreased the overall availability in recent days, as can be seen in Graph 1. New 2023. Mar 2023 and Table 1.

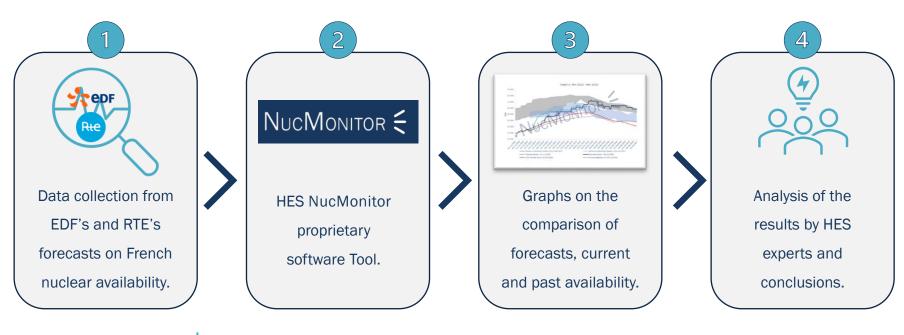
As continuously stated in grevious releases of this NucMonitor, these continuous restart postponements and outages are currently having an impact in the availability for current month (as shown in Table 2) and, with the arrival of the cold months, the French electric system is starting to face a serious challenge, in which is to be seen whether the previous of availabilities are met or not.

In this sense, it is worth noting that the actual availabilities seems to be more in line with RTE's least optimistic forecasts (see Graph 1 in next slide) than with EDF's ambitious ones. It's also noteworthy how RTE's least optimistic forecasts (see Graph 1 in next slide) than with EDF's ambitious ones, it's also noteworthy how RTE's least optimistic forecasts (see Graph 1 in next slide) than with EDF's ambitious ones, it's also noteworthy how RTE's least optimistic forecasts (see Graph 1 in next slide) than with EDF's ambitious ones, it's also noteworthy how RTE's least optimistic fore

NucMonitor service

■ NucMonitor €

How does NucMonitor work?





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