



Update on the Flamanville EPR

EDF adjusts the schedule for the Flamanville 3 project: the nuclear fuel loading is now scheduled for the 1st quarter of 2024¹. The estimated cost at completion changes from 12.7 billion euros to 13.2 billion euros².

This schedule update is mainly due to supplementary studies that were needed to establish a new process for the stress-relieving heat treatment (SRHT)* of some welds that have been upgraded in the last two years, which are located close to sensitive equipment for the nuclear plant functioning.

The teams have now moved on to the final stage of the stress-relieving heat treatment of the upgraded welds and to the stage of closing the main secondary circuit.

After the nuclear fuel loading, the start-up operations will continue, including notably inspections of all the reactor safety systems, equipment testing and qualification all the way through the temperature and pressure increases of the nuclear steam supply system, and then during the reactor ramping up. At 25% of nominal power, the reactor will be connected to the national electricity grid.

The last few months have seen further strategic achievements in the pre-operation phase of the Flamanville EPR, highlighting the strong commitment of industry stakeholders:

- The complex work of upgrading the main secondary circuit penetration welds is completed, and all the welds have been deemed compliant with break preclusion concept. These first of their kind operations were achieved using remotely operated equipment and required more than twelve months of analyses and qualification prior to implementation at Flamanville.
- System performance testing of electrical equipment and fuel loading operations have been completed and deemed compliant with requirements.

* *Stress-relieving heat treatment (SRHT) is a process carried out after welding to relieve residual welding stresses and achieve the right mechanical characteristics for the welded part.*

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¹ See EDF's press release of [12 January 2022](#)

² In 2015 euros and excluding interim interest

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(1) Since 2018, customers are counted per delivery site. A customer can have two delivery points: one for electricity and another one for gas.

(2) Including ÉS (Électricité de Strasbourg) and SEI.

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