

ESS installation progresses

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The installation of the superconducting part of the ESS Linac is progressing towards the first operation at 870 MeV on the beam dump after summer 2024. A pilot installation of 1 Spoke and 1 elliptical cryomodule was conducted in the superconducting (SCL) part of the ESS tunnel in spring 2023, to practice the installation sequence as well as to complete the cryogenic distribution system (CDS) commissioning. Currently a total of 13 spoke and 14 elliptical cryomodels (9MB + 5HB) are being installed to allow 2 MW capabilities for the first phase of the project. Overall, 30 elliptical cryomodels will be delivered to extend the energy reach to 5MW. At the time of the conference the linac will be cold and in the technical commissioning phase.

Footnotes

Funding Agency

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