

LCLS-II-HE cryomodule production at Fermilab

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The Linac Coherent Light Source (LCLS) is an X-ray science facility at SLAC National Accelerator Laboratory. The LCLS-II project (an upgrade to LCLS) is in the commissioning phase; the LCLS-II-HE (High Energy) project is another upgrade to the facility, enabling higher energy operation. An electron beam is accelerated using superconducting radio frequency (SRF) cavities built into cryomodules. It is planned to build 24 1.3 GHz standard cryomodule for the LCLS-II-HE project. Fourteen of these standard cryomodules are planned to be assembled and tested at Fermilab. This paper presents the status of the production.

Summary

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