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Beam Energy

Tuesday 7 February 2012 17:00 (20 minutes)

The limiting factors for operating the LHC at higher energies with defective 13 kA busbar joints will be reviewed. The experience gained during the 2011 run, including the quench statistics and dedicated quench propagation tests will be presented. The possible operational limits from the by-pass diode contact resistance issue will be addressed. Finally, a proposal for running at the highest possible safe energy compatible with the pre-defined risk level will be presented.

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