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Magnet Circuits

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The talk addresses different aspects of magnet powering circuit configuration of the FCCee.

The number of circuits has a big impact on the performance of the beam (controllability in primis); however, the greater the number of circuits, the higher the total cost.

Accelerator controllability, optics granularity and availability specifications directly impact the number of circuits and the performance requirements of the power converters powering the magnets.

This presentation showcases these parameters and their impact on the total expenditure.

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