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Cooling of the FCC-ee and FCC-hh: update and sustainability aspects.

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The water cooling system of the FCC is in charge of extracting the heat produced at magnets, cryogenic systems, absorbers, electronics, etc. This presentation provides an overview of the current status of the cooling systems, covering aspects such as thermal load management, thermal load variation over the year and for the different stages of the FCC-ee. The presentation covers also opportunities to reduce water consumption and options to optimize fatal heat utilization. Finally, the evacuation of water with high levels of TDS for the current layout of the FCC is addressed.

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