

Chamonix 2011 LHC Performance Workshop

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The presentation gives an overview of the major projects and work foreseen to be performed during the long shutdown on cooling and ventilation plants. Several projects are needed according to the experience of the last years, in particular the modifications in the water cooling circuits presently in overflow. Some other projects are linked to the CV consolidation plan. Finally, most of the work shall be done to respond to several requests: SR buildings air conditioning, the need to be able to clean and maintain the LHC cooling towers without a complete stop of cooling circuits, the upgrade of the air conditioning of the CCC rack room cooling etc. For all these activities, the author will detail constraints and the impact on the schedule and on the operation of the plants that will however need to run for the major part of the shutdown. The consequence of having the long shutdown in 2013 will be also covered.

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