

# A solar powered CERN

*Tuesday, 29 June 2021 16:00 (1 hour)*

The necessary reduction of CO<sub>2</sub> emissions will not only require greener electricity production, but will also increase the demand for electricity. Using yearly a TWh of electricity to run an accelerator (as FCC-ee) will be increasingly hard to justify to the public and policy makers. How much can CERN produce on its own with an aggressive solar-panel deployment strategy? I'll give a few examples based on tools provided by Canton Geneva and Swiss Department of Energy.

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