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The Survey of the Power Supply Reliability at SSRF

The Shanghai Synchrotron Radiation Facility (SSRF) has built and operation for more than two years. The availability was close to 96% at last year. There are more than 650 DC and pulsed power supplies for magnets. The failure ratio of power supply is 9% of total failure time. This paper will presents the power supply operational statistics and describes fault analysis.

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