

## Electric power consumption of RIKEN Nishina Center in 2018

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The average hourly electrical power consumption for each day in the RIKEN Nishina Center (RNC) in 2018 is shown in Fig. 1. The total electrical power consumption by RNC in 2018 was 54,200 MWh, which was 26% lower than that in 2017. When RI Beam Factory (RIBF) experiments using an uranium ( $^{238}\text{U}$ ) beam were conducted, the maximum electrical power supply to the RIKEN Wako campus from the commercial power reached 19.2 MW with a CGS output of 5.0 MW on November 15, 2018, and the maximum electrical power consumption of RNC reached 15.4 MW on November 12, 2018.

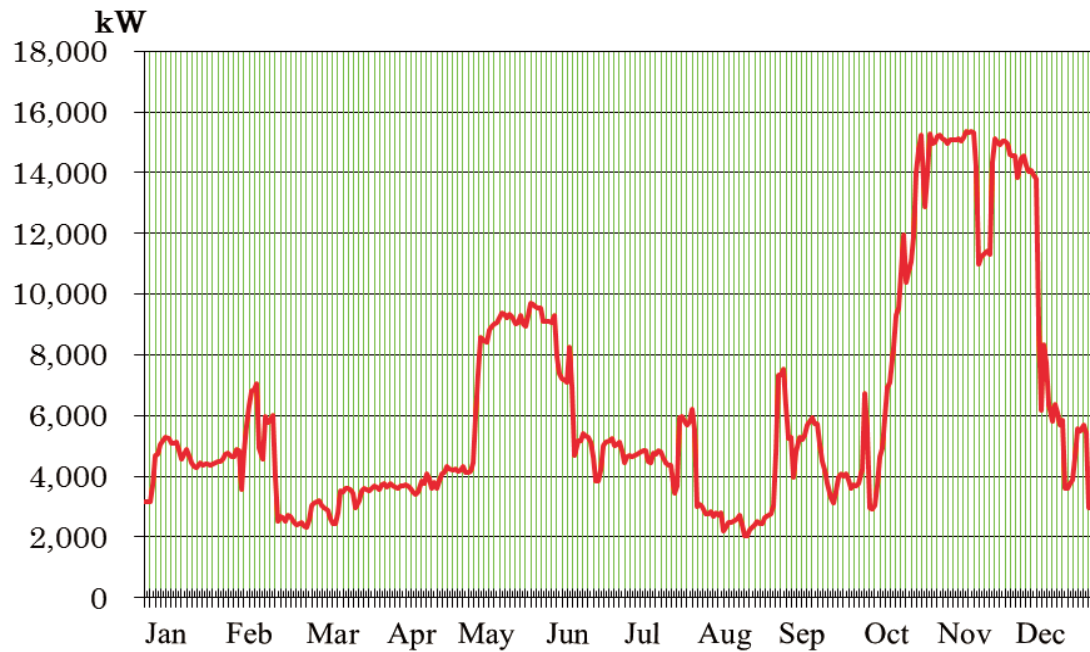


Fig. 1. Average hourly electrical power consumption for each day in RNC in 2018.

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