

Electric power consumption of RIKEN Nishina Center in 2019

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The average hourly electrical power consumption of the RIKEN Nishina Center (RNC) for each day in 2019 is shown in Fig. 1. The total electrical power consumption by RNC in 2019 was 56,928 MWh, which was 5% higher than that in 2018. When RI Beam Factory (RIBF) experiments using an uranium (^{238}U) beam

were conducted, the maximum commercial electrical power supply to the RIKEN Wako campus reached 20.05 MW with a cogeneration system (CGS) output of 6.0 MW on November 11, 2019, and the maximum electrical power consumption of RNC reached 15.8 MW on November 27, 2019.

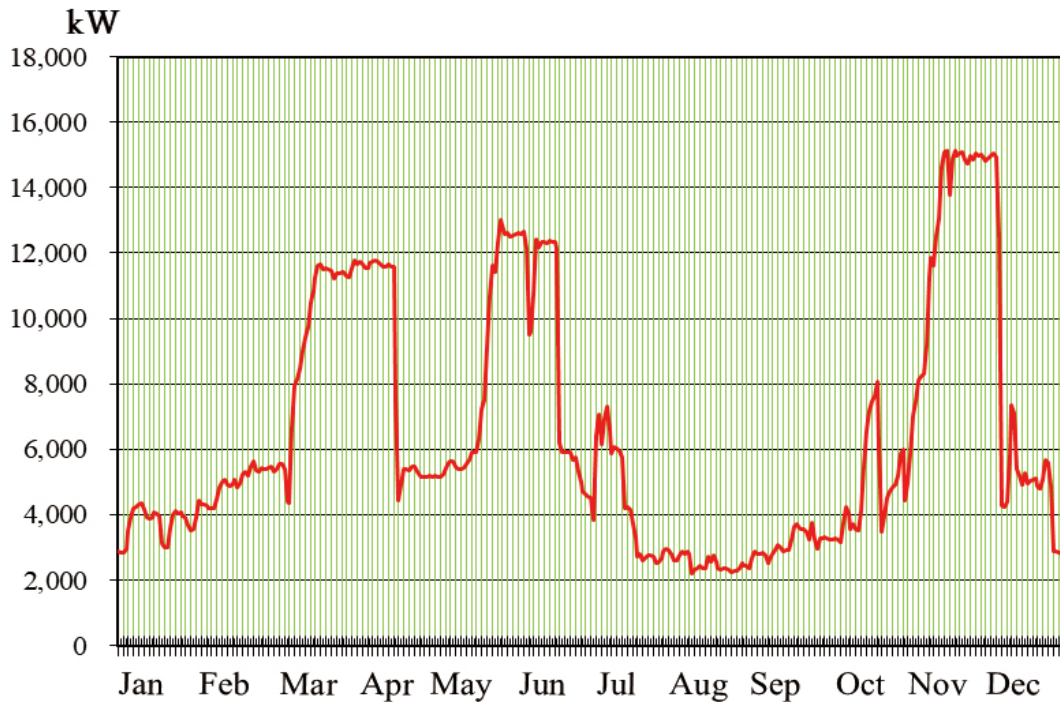


Fig. 1. Average hourly electrical power consumption of RNC for each day in 2019.

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