Development of AHSES(Adjusting to Human Smart Energy System)
Part 2. Improve prediction of electricity demand and development of AHSES trial version

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The prediction of electricity demand is the most important function in energy management systems. The autoregressive prediction model described in the previous report (part 1: 2016) was unable to take into consideration weather factors and the building usage situation. In order to solve such problems, we focused on deep learning which is a machine learning method and constructed a new power demand prediction system. We developed the "AHSES trial version" in which the user can see the effect of introducing the facilities at the planning stage.