

S2-05 “Studies about the Impact of Connecting a Large Number of Photovoltaic Generation Sets to the Distribution System”

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Abstract

This paper discusses the influence on a distribution system while considering the wide spread application of photovoltaic generation.

- Present status of the photovoltaic generation in Japan.
- The results concerning the effect of a large concentration of photovoltaic generation (in the residential area) on the actual distribution system.
- Problems and future research issues related to photovoltaic generating units connected to the distribution system.