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(54) **POWER MANAGEMENT SYSTEM, POWER MANAGEMENT METHOD, AND POWER MANAGEMENT PROGRAM**

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(57) **ABSTRACT**

A power management system that controls a power generation facility including a photovoltaic power generation device, the power management system including: a control unit that controls load power based on a predicted generated power assuming that the generated power by the power generation facility is the predicted generated power based on a power generation capacity of the power generation facility; and an actual power generation amount information acquisition unit serving as a power generation information acquisition unit that acquires actual generated power generated by the power generation facility. The control unit temporarily changes the control method when detecting that the difference between the predicted generated power and the actual generated power is larger than a predetermined value.