

ELECTRIC POWER CONTROL APPARATUS, ELECTRIC POWER CONTROL
METHOD, AND ELECTRIC POWER FEEDING SYSTEM

ABSTRACT

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The present invention relates to an electric power control apparatus, an electric power control method, and an electric power feeding system by which the maximum operating point of a generating element such as a solar
10 battery can be controlled to be maintained, and electric power loss can be avoided. The electric power control apparatus is provided with an electric power path switch unit (32) to which a plurality of generating elements (20-1 and 20-2) can be connected, and a voltage
15 conversion unit (31) that converts a voltage level which is generated by the generating elements and supplied via the electric power path switch unit (32). The electric power path switch unit (32) includes a first connection switching function which switches between series
20 connection and parallel connection for the plurality of generating elements, and a second connection switching function which switches between connected and non-connected to an input side of the voltage conversion unit for the generating elements connected in series or
25 parallel.

Figure 1