

ABSTRACT

Prediction and setting of an electric/thermal energy storing schedule are made in consideration of the setting value of each control-target device, thereby improving the prediction precision and enabling an efficient operation. A device includes a setting unit 10a setting a control target value for setting an activation, an operation, and a deactivation at a next day for control-target devices including an energy supplying device like a PV 101 or a solar-powered water heater 107, an energy consuming device consuming energy, and an energy storage device storing energy, a predicting unit 11 that sets a predicted value of the consumed energy of the energy consuming device at the next day based on a comparison between the control setting value set by the setting unit 10a and a past control setting value, a start-stop optimizing unit 12 that creates a start-stop schedule obtained by optimizing the start-stop schedule of the control-target device at the next day by an evaluation index, and a status-quantity optimizing unit 13 that creates an electric/thermal energy storing schedule obtained by optimizing the status quantity of the control-target device to be activated by a predetermined evaluation index.



162162

G00002