CLAIMS

[Claim 1]

A generating device that generates control information for controlling facility equipment of a consumer that purchases power from an electricity retailer, the generating device comprising:

a connection connectable to a server of the electricity retailer;

a purchase price information acquisition unit that acquires purchase price information from the electricity retailer, which is information relating to a purchase unit price of power that the electricity retailer purchases at a predetermined increment of time;

a metered charge information acquisition unit that acquires metered charge information from the electricity retailer, which is information relating to a unit price of a metered charge of power that the electricity retailer sells at the predetermined increment of time; and

a control information generating unit that generates control information for controlling the facility equipment of the consumer by using the purchase price information and the metered charge information.

[Claim 2]

The generating device according to Claim 1, wherein the control information generating unit generates the control information for controlling the facility equipment to suppress power usage, in a case in which a relation between the purchase unit price and the metered charge satisfies a predetermined condition.

[Claim 3]

The generating device according to Claim 2, wherein the control information generating unit generates the control information for controlling the facility equipment to suppress power usage, in a case in which the purchase unit price is higher than the metered

charge, as the predetermined condition.

[Claim 4]

The generating device according to Claim 2, wherein the control information generating unit generates the control information for controlling the facility equipment to suppress power usage, in a case in which a difference between the purchase unit price and the metered charge is smaller than a threshold value set in advance, as the predetermined condition.

[Claim 5]

The generating device according to Claim 2, wherein the control information generating unit generates the control information for controlling the facility equipment to suppress power usage, in a case in which a ratio of the purchase unit price to the metered charge at the predetermined increment of time is greater than a threshold value smaller than 1 that is set in advance, as the predetermined condition.

[Claim 6]

The generating device according to any one of Claims 1 to 5, wherein the metered charge information acquisition unit further acquires information representing a fluctuation pattern of one day of the metered charge, as the metered charge information.

[Claim 7]

A system, comprising:

a generating device that generates control information for controlling facility equipment of a consumer that purchases power from an electricity retailer, the generating device connected to a server of the electricity retailer; and

facility equipment that accepts the control information generated by the generating device and performs action, the generating device including

a purchase price information acquisition unit that acquires purchase price

information from the electricity retailer, which is information relating to a purchase unit price of power that the electricity retailer purchases at a predetermined increment of time,

a metered charge information acquisition unit that acquires metered charge information from the electricity retailer, which is information relating to a unit price of a metered charge of power that the electricity retailer sells at the predetermined increment of time, and

a control information generating unit that generates control information for controlling the facility equipment of the consumer by using the purchase price information and the metered charge information.

[Claim 8]

A program that causes a computer to function as:

purchase price information acquisition section that acquires purchase price information from an electricity retailer, which is information relating to a purchase unit price of power that the electricity retailer purchases at a predetermined increment of time;

metered charge information acquisition section that acquires metered charge information from the electricity retailer, which is information relating to a unit price of a metered charge of power that the electricity retailer sells at the predetermined increment of time; and

control information generating section that generates control information for controlling facility equipment of a consumer by using the purchase price information and the metered charge information.