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;

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; and

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 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 the purchase unit price is higher than the metered charge, as the predetermined condition.

[Claim 3]

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 difference between the purchase unit price and the metered charge is smaller than a threshold value set in advance, as the predetermined condition.

[Claim 4]

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 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 5]

The generating device according to any one of Claims 1 to 4, 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 6]

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,

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; and

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 7]

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, 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.