WHAT IS CLAIMED IS:

1. A control device for controlling a charger on the basis of a charging control instruction transmitted from a monitoring device in a charging system performing charging on the basis of a power value set according to an amount of used power measured by the monitoring device, the control device comprising:

a reception unit configured to receive the charging control instruction; and

a control unit configured to control the charger on the basis of the charging control instruction received by the reception unit,

wherein the control unit determines whether charging continues or stops on the basis of the charging control instruction received a predetermined time before a point in time when the charging control instruction is not received when the charging control instruction is not received by the reception unit.

2. The control device according to claim 1,

wherein the charging control instruction includes the power value,

the control device further comprises a storage unit configured to store the power value included in the charging control instruction received by the reception unit, and

the control unit calculates a prediction value on the basis of the power value during a predetermined period before the point in time when the charging control instruction is not received in the power value stored in the storage unit, and determines whether charging continues or stops on the basis of the prediction value.

3. The control device according to claim 2, wherein the control unit

obtains a slope of a transition of a plurality of the power values during the predetermined period, and calculates the prediction value on the basis of the slope of the transition.

4. The control device according to claim 2 or 3, wherein the storage unit stores the power value each time the charging control instruction is received.

5. The control device according to any one of claims 2 to 4,

wherein the storage unit stores a current value corresponding to a maximum increase in the power value, and

the control unit acquires the current value corresponding to the maximum increase relevant to a situation at the point in time when the charging control instruction is not received in the reception unit from the storage unit, and determines whether charging continues or stops on the basis of the prediction value and the current value corresponding to the maximum increase.

6. The control device according to claim 5,

wherein the control unit calculates a time at which a reference value relevant to the power value is reached when charging is performed with the current value corresponding to the maximum increase with respect to the prediction value from the point in time when the charging control instruction is not received,

causes charging to continue until the time is reached from the point in time when the charging control instruction is not received, and

causes charging to stop when the time is reached from the point in time when the charging control instruction is not received.

7. A charging control device comprising:

the control device according to any one of claims 1 to 5; and

a charger configured to perform charging on the basis of a charging instruction output from the control device.

8. The charging control device according to claim 7, wherein, when the charging instruction from the control device is not input, the charger continues to perform charging to a predetermined target value on the basis of the charging instruction input before a point in time when the charging instruction is not input.

9. The charging control device according to claim 7 or 8, wherein the charger does not receive a new charging request when the charging control instruction is not received in the reception unit.

10. A charging system comprising:

a monitoring device configured to monitor an amount of used power, set a power value according to the amount of used power, and transmit a charging control instruction based on the power value; and

the control device according to any one of claims 1 to 6.

11. A control method for controlling a charger on the basis of a charging control instruction transmitted from a monitoring device in a charging system performing charging on the basis of a power value set according to an amount of used power measured by the monitoring device, the control method comprising:

a reception step of receiving the charging control instruction; and

a control step of controlling the charger on the basis of the charging control instruction received in the reception step,

wherein the control step includes determining whether charging continues or stops on the basis of the charging control instruction received

a predetermined time before a point in time when the charging control instruction is not received when the charging control instruction is not received in the reception step.

12. A control program for controlling a charger on the basis of a charging control instruction transmitted from a monitoring device in a charging system performing charging on the basis of a power value set according to an amount of used power measured by the monitoring device, the control program causing a computer to execute:

a reception step of receiving the charging control instruction; and

a control step of controlling the charger on the basis of the charging control instruction received in the reception step,

wherein the control step includes determining whether charging continues or stops on the basis of the charging control instruction received a predetermined time before a point in time when the charging control instruction is not received when the charging control instruction is not received in the reception step.

13. A control device for controlling a charger on the basis of a charging control instruction transmitted from a monitoring device in a charging system performing charging on the basis of an amount of used power measured by the monitoring device and a capacity of a breaker, the control device comprising:

a reception unit configured to receive the charging control instruction; and

a control unit configured to control the charger on the basis of the charging control instruction received by the reception unit,

wherein, the control unit determines whether charging continues

or stops on the basis of information relevant to the capacity of the breaker when the charging control instruction is not received in the reception unit.