What is claimed is:

1. A power supply system, comprising:

a plurality of panel boards being connected to a commercial power supply and another power supply via a circuit breaker and a power line; and

a control apparatus being connected to the plurality of panel boards via a communication line;

wherein each of the plurality of panel boards includes;

a plurality of current sensors being configured to output measured values obtained by measuring currents flowing through to specific loads and general loads from the power line;

a plurality of remote-controlled circuit breakers being installed in between the power line, and the specific load and the general load; and

a control unit being connected to the current sensors and the plurality of remote-controlled circuit breakers via signal lines;

the control apparatus is configured to receive fire occurrence information describing whether or not a fire occurs, power failure occurrence information describing whether or not a power failure of the commercial power supply occurs, and power supply information describing a remaining energy amount of the power supply;

selecting any of a plurality of modes which are set in advance and determine an operation of the plurality of panel boards based on state information including the fire occurrence information, the power failure occurrence information, and the power supply information;

in a specific mode among the plurality of modes, the general load is disconnected by the power supply, the specific load is connected to the power supply, and an interrupting current value as prescribed is set to each specific load;

when a fire has not occurred and a power failure has occurred, the control apparatus determines that a panel board to which an operation instruction based on the specific mode is to be transmitted based on a priority of the specific load and the power supply information and transmits the operation instruction to the determined panel board;

a control unit in a specific panel board having received the operation instruction among the plurality of panel boards is configured to set the interrupting current value of the specific load based on the operation instruction and connect/disconnect the remote-controlled circuit breaker; and

the control unit in the specific panel board is configured to determine whether the measured value exceeds the interrupting current value and when it is determined that the measured value exceeds the interrupting current value, the control unit in the specific panel board disconnects the remote-controlled circuit breaker.

2. The power supply system according to claim 1, wherein

the specific panel board includes:

a panel board wire connected to the power line;

a plurality of branch wires which respectively provide, for a plurality of loads including the specific load, connection between the panel board wire and the plurality of loads; and

the plurality of remote-controlled circuit breakers installed in between the plurality of branch wires;

the current sensors in the specific panel board are configured to measure currents flowing through to the plurality of branch wires respectively; and

the control unit in the specific panel board is connected to the plurality of remote-controlled circuit breakers via signal lines and configured to control the

plurality of remote-controlled circuit breakers based on the operation instruction.

3. The power supply system according to claim 2, wherein

the plurality of remote-controlled circuit breakers include a designated remote-controlled circuit breaker installed in between the power line and the general load and a specific remote-controlled circuit breaker installed in between the power line and the specific load;

in the case where the control apparatus identifies, based on the state information, a power failure of the commercial power supply occurs, a fire does not occur, the voltage of the power supply is within a predetermined voltage range, and an remaining energy amount of the power supply is within a determined remaining amount range, the control apparatus determines to run an emergency operation as the operation; and

when the operation instruction indicates the emergency operation, the control unit in the specific panel board disconnects the designated remote-controlled circuit breaker and connects the specific remote-controlled circuit breaker.

4. The power supply system according to claim 3, wherein

in the case where the control apparatus identifies, based on the state information, a power failure of the commercial power supply occurs and the voltage of the power supply has not approached to rated value, in the case where the control apparatus identifies the fire occurs, and in the case where the control apparatus identifies the remaining energy amount is outside of the remaining amount range, in any case, the control apparatus determines to run an interruption operation as the operation; and

when the operation instruction indicates the interruption operation, the control unit in the specific panel board disconnects the plurality of remote-controlled circuit

breakers.

5. The power supply system according to claim 4, wherein

in the case where the control apparatus determines, based on the state information, a power failure of the commercial power supply does not occur, the control apparatus determines to run a normal operation as the operation; and

in the case where the operation instruction indicates the normal operation, the control unit in the specific panel board at least connects the designated remote-controlled circuit breaker; and

in the case where it is determined that the measured value exceeds the threshold, the control unit in the specific panel board disconnects the designated remote-controlled circuit breaker.

6. The power supply system according to claim 1, wherein

the control apparatus is configured to transmit a plurality of pieces of different operation information to the plurality of panel boards, respectively;

each of the plurality of pieces of operation information indicates a control of the specific remote-controlled circuit breaker installed in between the power lines and the specific loads among the plurality of remote-controlled circuit breakers; and

each of the control unit in the plurality of panel boards is configured to receive a corresponding operation information and run the operation information describing in the corresponding operation information to control the specific remote-controlled circuit breaker in accordance with the operation instruction.

7. The power supply system according to claim 1, wherein

the specific panel board comprises the plurality of remote-controlled circuit breakers including the specific remote-controlled circuit breaker installed in between the power line and the specific load; and

loads are connected to the specific remote-controlled circuit breaker via another panel board different from the specific panel board.

8. The power supply system according to claim 1, wherein

the specific panel board includes:

a first case housing the current sensors;

a second case housing the plurality of remote-controlled circuit breakers; and

a third case housing the control unit.

9. The power supply system according to claim 1, wherein

the control apparatus is configured to receive input information inputted to an input device, based on the input information; wherein the control apparatus includes the specific remoted-controlled circuit installed in between the power line and the specific load among the plurality of remote-controlled circuit breakers; wherein the control apparatus generates operation information describing the specific remote-controlled circuit breakers and the threshold corresponding to each of the plurality of operations; and

wherein the control apparatus transmits the operation information to the plurality of panel boards; and

the control unit is configured to store the operation information and select the specific remote-controlled circuit breaker and the threshold corresponding to an operation describing at the operation instruction from the operation information.

10. The power supply system according to claim 1, wherein

after determining the operation, the control apparatus transmits the operation instruction to the plurality of panel boards every time a predetermined output time has passed in a predetermined order.

11. The power supply system according to claim 1, wherein

the control apparatus is configured to cause a display device to display information describing any of the state information or the operation.

12. The power supply system according to claim 1, further comprising:

an uninterruptible power supply configured to supply power to the control unit, the current sensors, and the plurality of remote-controlled circuit breakers.

13. The power supply system according to claim 1, wherein

the plurality of panel boards are installed in a plurality of buildings.

14. The power supply system according to claim 1, wherein

the control apparatus is configured to acquire information describing power usage of the commercial power supply, and when the power usage exceeds a predetermined power usage threshold, the control apparatus activates the power supply to reduce the power usage.

15. The power supply system according to claim 1, wherein

the control apparatus acquires information describing power of the power supply in response to the determination of the operation, and which is configured to calculate an amount of change in the power of the power supply, and when the control apparatus determines that the amount of change is outside of a range of a predetermined amount of change, the control apparatus transmits an instruction to the plurality of panel boards for stopping the transmission of the operation instruction.

16. The power supply system according to claim 1, wherein

the control apparatus acquires information describing power of the power supply in response to the determination of the operation, and when the power of the

power supply exceeds a predetermined power threshold, the control apparatus transmits an instruction to the specific panel board for disconnecting the specific remote-controlled circuit breakers installed in between the power line and the specific load among the plurality of remote-controlled circuit breakers.

17. The power supply system according to claim 1, wherein

the control apparatus is configured to acquire information describing a remaining operating time of the power supply, and when the remaining operating time equals or falls below a predetermined time threshold, the control apparatus causes a display device to display a warning and transmit an instruction to the plurality of panel boards for disconnecting the specific remote-controlled circuit breakers installed in between the power line and the specific load among the plurality of remote-controlled circuit breakers.

18. A power supply method, comprising:

receiving, using a control apparatus, fire occurrence information indicating whether or not a fire occurs, power failure occurrence information indicating whether or not a power failure of a commercial power supply occurs, and power supply information indicating a remaining energy amount of a power supply, the control apparatus being connected to a plurality of panel boards via a communication line, the plurality of panel boards being connected to the commercial power supply and the power supply via a circuit breaker and a power line, each of the plurality of panel boards including a plurality of current sensors being configured to output measured values obtained by measuring currents flowing through to specific loads and general loads suing the power line, a plurality of remote-controlled circuit breakers being installed in between the power line, and the specific load and the general load, and a control unit being connected to the current sensors and the plurality of

remote-controlled circuit breakers via signal lines;

selecting, using the control apparatus, any of a plurality of modes which are set in advance and determine an operation of the plurality of panel boards based on state information including the fire occurrence information, the power failure occurrence information, and the power supply information;

in a specific mode among the plurality of modes, the general load is disconnected by the power supply, the specific load is connected to the power supply, and an interrupting current value as prescribed is set to each specific load;

when a fire has not occurred and a power failure has occurred, determining, using the control apparatus, a panel board to which an operation instruction based on the specific mode is to be transmitted based on a priority of the specific load and the power supply information, and transmitting, using the control apparatus, the operation instruction to the determined panel board;

setting, using the control unit in the specific panel board having received the operation instruction among the plurality of panel boards, the interrupting current value of the specific load and connecting/disconnecting the remote-controlled circuit breaker based on the operation instruction;

determining, using the control unit in the specific panel board, whether or not the measured value exceeds the interrupting current value; and

when it is determined that the measured value exceeds the interrupting current value, disconnecting, using the control unit in the specific panel board, the remote-controlled circuit breaker.