ABSTRACT

ENERGY MANAGEMENT METHOD AND SYSTEM BASED ON INTERNET OF THINGS

The present invention discloses an energy management method and system based on the Internet of Things. The energy management method includes: obtaining an operating parameter of a device, where the operating parameter of the device includes electric quantity, water consumption, fuel gas quantity, concentrated-cooling energy consumption, and concentrated hot-water supply quantity; obtaining a building type to which the device belongs, where the building type includes an office building, a library, a stadium, a concert hall, a teaching building, a laboratory building, a hotel, a hospital, a dining hall, and an apartment; determining whether the operating parameter of the device is greater than a specified threshold corresponding to the building type to which the device belongs; and if yes, triggering an alarm to alert a manager of the device; and if no, re-obtaining the operating parameter of the device. According to the energy management method or system of the present invention, operating costs of building equipment can be reduced, an energy waste can be avoided, and energy conservation and emission reduction is achieved.

Fig 1.