EQUIPMENT CONTROL DEVICE, EQUIPMENT CONTROL METHOD, AND EQUIPMENT CONTROL PROGRAM

ABSTRACT

A result acquisition unit (130) obtains, for each candidate setting, a simulation result of a case where a candidate setting is applied to the one or more units of equipment. A satisfaction level calculation unit (140) calculates, for each candidate setting, a satisfaction level on a basis of the simulation result. A constraint level calculation unit (150) calculates, for each candidate setting, a constraint level on a basis of the simulation result. A candidate optimization unit (160) judges superiority/inferiority of a plurality of candidate settings on a basis of the satisfaction level of each candidate setting and the constraint level of each candidate setting, and optimizes the plurality of candidate settings on a basis of a judgment result, thereby generating a plurality of new candidate settings. A selection unit selects an applicable setting from the plurality of new candidate settings. A control unit applies the applicable setting to equipment of a building.

Figure 3