

Abstract

This air conditioning equipment control device comprises: an acquisition unit that acquires a measurement value including a temperature that is measured at a predetermined position of a facility, and a setting condition of the air conditioning equipment including a set temperature of an air conditioner; a prediction unit that predicts a future heat load corresponding to each of a plurality of setting condition candidates, by using a model in which the measurement value and the setting condition are used as explanatory variables and a heat load due to heat generation of a heating element is used as a response variable; and a control unit that selects a setting condition candidate from among the setting condition candidates, in which setting condition candidate that a prediction value satisfies an environmental condition that defines a reference value or a reference range of the heat load is obtained, and controls the air conditioning equipment on the basis of the selected setting candidate condition.