

ABSTRACT

A switching control device according to an embodiment includes a controller, a prediction unit, and a calculator. The controller controls a switching unit that is able to switch a power source of an air conditioning appliance of an electric bus operating according to a predetermined schedule to a first electricity storage functional unit or a predetermined power source. The first electricity storage functional unit is a power source of a motor that causes the electric bus to travel. The predetermined power source is different from the first electricity storage functional unit. The prediction unit predicts a charging time during which the first electricity storage functional unit is able to be charged by a charger at a first position at which the first electricity storage functional unit is able to be charged. The calculator calculates, based on the schedule, a first electricity storage amount of the first electricity storage functional unit required for driving the motor to a second position excepting a charging amount charged to the first electricity storage functional unit at the first position corresponding to the charging time based on the schedule. When the electricity storage amount of the first electricity storage functional unit is equal to or smaller than the first electricity storage amount, the controller controls the switching unit to switch the power source of the air conditioning appliance to a predetermined power source from the first electricity storage functional unit.