ABSTRACT

MANAGEMENT DEVICE, MANAGEMENT METHOD, COMPUTER PROGRAM, MANAGEMENT SYSTEM, AND MANAGEMENT METHOD

A management device includes: a vehicle information receiver; a power information receiver; a charging information estimator; and a local power consumption estimator. The vehicle information receiver receives from a vehicle configured to travel by power, vehicle information relating to travel of the vehicle. The power information receiver receives from a local power management device configured to control power supply to a power network in each area, power information relating to power for the power network. The charging information estimator estimates, for each vehicle, an area in which the vehicle performs charging of power the next time, based on the vehicle information. The local power consumption estimator estimates a power consumption amount for the power network in each area, based on a result of estimation by the charging information estimator and the power information.

Figure 3