CHARGE AND DISCHARGE CONTROL DEVICE AND CHARGE AND DISCHARGE CONTROL METHOD

ABSTRACT

A charge and discharge control device (100) includes: a coordination unit (102) which generates coordination information that is information for calculating an output value which each storage battery is caused to output, based on a bus voltage value and a target voltage value; a string output calculating unit (108, 208) which calculates, based on the coordination information, an output target value indicating the output value which the storage battery is caused to output to maintain the bus voltage value at the target voltage value; and a control unit (110, 210) which causes, among the storage batteries, a storage battery corresponding to the calculated output target value to output an output having magnitude indicated by the calculated output target value, wherein the coordination unit (102) generates the coordination information to avoid simultaneous presence of, among the storage batteries, a storage battery that outputs an output in a charge direction and a storage battery that outputs an output in a discharge direction.

Figure 5