

Title (en)  
METHOD FOR OPERATING AN ENERGY SYSTEM, AND ENERGY SYSTEM

Title (de)  
VERFAHREN ZUM BETREIBEN EINES ENERGIESYSTEMS UND ENERGIESYSTEM

Title (fr)  
PROCÉDÉ POUR FAIRE FONCTIONNER UN SYSTÈME D'ÉNERGIE ET SYSTÈME D'ÉNERGIE

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Application  
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Abstract (en)  
[origin: WO2022069614A1] The invention relates to a method for operating an energy system having at least two energy system components and to an energy system. The energy system comprises a central control unit and at least a first energy system component and a second energy system component, each energy system component having a control unit and being connected to the central control unit. A first self-estimated value of the first energy system component is determined in the control unit thereof on the basis of at least one first state value. Furthermore, a second self-estimated value of the second energy system component is determined in the control unit thereof on the basis of at least one second state value. A current maximum power quantity of the first energy system component and the second energy system component is provided. A request for a demanded electrical power is received in the central control unit. A distribution variable of the demanded power for each energy system component is determined in the central control unit on the basis of the self-estimated values and the maximum power output quantity in each case. The demanded electrical power is then distributed to the energy system components according to the distribution variable.

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