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Principle of automatic dispatching of solar inverters

A systematic method for determining the active- and reactive-power set points for PV inverters in resi-dential systems is proposed in this paper, with the objective of optimizing the operation of the ...

A systematic and unified optimal inverter dispatch (OID) framework is proposed in this paper, with the goal of facil- itating high PV penetration in existing distribution networks.

In this paper, we propose an active-reactive coordinated control strategy called AGVC that considers the dependability of inverter components to simultaneously enhance the response of ...

In this paper, a Reinforcement Learning (RL)-based approach to optimally dispatch PV inverters in unbal-anced distribution systems is presented.

The proposed optimal energy dispatch problem aims at solv-ing the optimal active power and reactive power outputs for smart PV inverters in order to satisfy different distribution grid operation objectives ...

A novel optimal PhotoVoltaic (PV) inverter dispatch scheme is proposed in this paper which combines the active power curtailment and reactive power control sche

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