Multi-Mode Charging and Discharging Control Method and System for Charging Piles

Abstract

Provided are a multi-mode charging and discharging control method and system for charging piles, relating to the technical field of charging and discharging control. The method comprises: configuring charging pile charging and discharging modes; obtaining a peak value period, an flat value period, and a valley value period; in the peak value period, starting a peak mode, and generating a charging pile bidirectional discharging strategy; in the flat value period, starting a flat mode, executing charging pile linkage discharging optimization, and generating a linkage discharging strategy to perform charging pile discharging control; and in the valley value period, starting a valley mode, executing charging pile charging optimization, and generating a charging pile charging strategy to perform charging pile charging control.

Figure 1