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(54) **Title:** METHOD AND APPARATUS FOR CALCULATING CARBON INTENSITIES, TERMINAL AND STORAGE MEDIUM

(57) **Abstract:** The embodiments of the present application disclose a method and apparatus for calculating carbon emission intensities, and a terminal and a storage medium thereof, which belong to the field of energy management. The method includes: acquiring basic attribute data of a power system, and acquiring an active power generation amount of a power generator set based on the basic attribute data; acquiring an initial value of a carbon emission factor of power generation fuel of the power generator set according to a life cycle type of the power generator set, wherein the initial value is defined to indicate a carbon emission amount caused by a unit power generation amount; and acquiring a carbon intensity of the power generator set based on the active power generation amount and the initial weight value of the power generator set. According to the embodiments of the application, the carbon intensity of the power generator set may be determined in real time based on the active power generation amount and the initial value of the carbon emission factor of power generation fuel of the power generator set, such that statistical collection of the carbon emission amounts of the power generator sets in the power plant is achieved in real time, and the statistical granularity of the carbon intensity is reduced, thereby improving the monitoring effect of the carbon intensity of the power generator set.

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