

The implementation of surveillance and management system for green energy power

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ABSTRACT

An uninterrupted solar surveillance system is investigated and implemented in the paper. It is being comprised of three subsystems which include the charging sub-system, the monitoring sub-system and the integrating sub-system. On the basis of combining wireless communication with the green energy concepts such a surveillance system were constructed, besides, the idea of WSNs (wireless sensor networks) is also included into the implementation. That is, the lifetime of a simulated WSNs system can be evaluated with the results the statistical report. Accordingly, this surveillance system can be completed to apply widely in several kinds of different applications.

Keywords : Green energy、Solar surveillance、WSNs (wireless sensor networks)

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