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(57) Abstract :

The present disclosure relates to a system for generating electricity bill, the system includes a meter unit electrically coupled with an input supply of an area of interest, and configured to take readings of number of electrical power units consumed by the area of interest and correspondingly generate a first set of data packets. A processing unit operatively coupled with the meter unit and a server. A memory associated with the processing unit, for storing instructions which when executed causes the processing unit to: receive, from the meter unit a first set of data packets. Transform, using a first encryption technique, the first set of data packets into a second set of data packets pertaining to a first encrypted values of the number of electrical power units consumed. Transmit, to the server, the second set of data packets.

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