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(57) Abstract :

The present disclosure relates to a system and method to monitor energy transfer via a distributed ledger. The method includes enabling a plurality of entities to register on the distributed ledger upon providing a plurality of details and signing a smart contract. The method also includes integrating one or more smart meters with the distributed ledger. The method also includes receiving a request of energy transfer from at least one of the plurality of entities. The method further includes generating a command for the transfer of energy via at least one of the one or more smart meters to a destination, upon verifying the request received. The method also includes updating the distributed ledger about the transfer of energy between the one or more entities, at every pre-defined interval of time, for monitoring energy transfer via the distributed ledger.

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