Validation cost of transaction:Ways to improve the costs to trade small amounts of energy in microgrid.

Permissioned Ledgers for business environments. These centrally operated Blockchains   connect registered devices in order to reduce validation costs and process time.

Semi -private Ledger for microgrids.--> Ask

<https://blogs.sap.com/2017/03/14/the-promise-of-blockchain-to-change-the-utility-and-oil-gas-industries/>