Abstract

Smart meters used in electric grids need a dedicated network that should be highly reliable & cost effective. Various techniques like 3G cellular have been proposed to improve efficiency of this smart grid electric meter network. For distribution of proper information in smart grid system Hybrid Spread Spectrum using slow frequency technology is also better choice. To improve the performance of this network in the terms of throughput and number of smart meter per data aggregation point (DAP), we have proposed HSS-FFH (to implement AMI) method. These techniques give better result in terms of coverage high density population area & interference immunity.

References

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Index Terms

Computer Science

Networks

Keywords

AMI   DAP   HSS   Fast Frequency Hopping   Slow Frequency Hopping