

Wireless Power Theft Monitoring

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Abstract: *The main aim of power theft monitoring and indication system at local substation using wireless technology indicate the location where the power is being stolen .The main purpose of power theft monitoring power is saving. Power theft is the biggest problem now-a-days, which causes huge loss to electricity boards and to cover these losses ultimately, prices are increased. So if we can prevent these thefts, we can save lots of power by keeping track of electricity used .We can determine where the greatest opportunity for energy savings lies becoming aware of overall energy use involves keeping track of the readings on the readings on the electric meter. The normal practice for power theft is to short the input and output terminals or to place a magnet on the wheel in case of old meters so by sensing current flow through the line & energy feedback we can prevent it using a circuit breaker.*

Keywords: Electrical power theft, wireless data transmission and receiving, tapping, meter tampering, anti-theft drives, Improvement in Key Performance Indicators (KPI)

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