

NOVEL METHOD FOR LIVE TRANSMISSION POWER STEALING AND SEIZING

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ABSTRACT

The novel technique proposed before to improves the structure of current coupling device in single-phase or three phases electric power measuring equipment and two high frequency coupling windings are added to each current coupling device. The novel technique proposed based on live data transmission from source to destination. At the same time, the advanced ARM microprocessor is implemented for sampling the data and real-time computation. The resultant data of power theft will send on server side and accordingly a proper action will be taken by the authorities. To avoid this problem this is the simple and most efficient technique. In India electricity theft leads to annual losses estimated at US\$4.5 billion, about 1.5 percent of GDP.

KEYWORDS: Arm Processor, Real-Time Computation