

(54) Title of the invention : POWER THEFT IDENTIFICATION SYSTEM USING IOT

(51) International classification :G08C0017020000, G01D0004000000, G08B0013140000, H04W0004029000, G01R0022060000

(86) International Application No :PCT//  
Filing Date :01/01/1900

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA  
Filing Date :NA

(62) Divisional to Application Number :NA  
Filing Date :NA

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## (57) Abstract :

The Proposed Invention Electrical power theft detection system is used to detect an unauthorized tapping on distribution lines. Implementation area of this system is a distribution network of electrical power supply system. Existing system is not able to identify the exact tapping. This system actually finds out on which electrical line there is a tapping. This is a real time system. Wireless data transmission and receiving technique can be used. This will provide an additional facility of wireless meter reading with the same technique and in same cost. This will protect distribution network from power theft done by tapping, meter tampering etc.

No. of Pages : 10 No. of Claims : 5