Monthly Electricity Billing Display with An Message and IoT Based

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Abstract*: With the increasing demand for electricity in modern society, effective management and monitoring of energy consumption have become essential to ensure sustainability and cost-efficiency. This project introduces an innovative solution: a Monthly Electricity Billing Display System integrated with an SMS notification feature. The system utilizes advanced microcontroller technology and electronic components to monitor electricity usage in real-time and provide users with immediate billing updates via SMS. This approach empowers individuals and organizations to track their energy consumption, encouraging conservation and facilitating cost management. By combining cutting-edge technologies, the project aims to offer a user-friendly, practical solution that enhances energy efficiency and supports sustainability goals. The system provides a transformative paradigm in the way electricity billing and consumption are monitored, addressing the need for more effective and responsive energy management practices in contemporary society.*

Keywords: Electricity , Bill , Display , IoT, Message