

In this paper, the design of a smart distribution box controller is proposed in order to assist consumers to control or regulate energy consumption ...

This paper presents the design and implementation of a smart power distribution box that utilizes IoT technology for real-time power monitoring and fault detection in residential settings.

Smart meters & Phasor Measurement Units (PMUs): deployed at customer premises, feeder heads, and critical nodes, these devices capture voltage, current, active/reactive power, ...

In this study, we describe a prototype design and the implementation of a smart DPB with an electric load forecasting model, in addition to smart control, real-time monitoring, and ...

In this regard, we demonstrate the design and the implementation details of an IoT-enabled panelboard with smart features.

This article intends to present the implementation roadmap methodology of smart Iran's Electricity distribution networks by examining the road map of smarting in different countries and analyzing ...

This report is intended to introduce different efforts during implementation of the Iran Smart Metering Project, in terms of interoperability considerations and presentation of technical specifications.

This document is prepared to accomplish the Iran smart grid roadmap project, which is one of the projects of the Iran Smart Grid National Grand Project. This roadmap focuses on the technology ...

Xuzhou Zhongtie Electric Group Co., Ltd. (ZTE) has successfully shipped its flagship 2025 product -- a 7400kVA box-type substation -- from Shanghai to a major industrial site in southern Iran.

In this study, we describe a prototype design and the implementation of a smart DPB with an electric load forecasting model, in addition to smart ...

This paper is taking one step forward into a practical implementation of such techniques by developing an IoT Smart Household Distribution Board (ISHDB) to monitor and control various household smart ...

The winners are thereby authorized for installing 1000000 smart meters in five separate distinct and predefined areas under the supervision of Tehran metropolitan, Alborz province, Zanjan province, ...

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