

RINGKASAN/ABSTRAK

Wospodo, Suryo 2024. Perancangan Dashboard Monitoring Power Meter Berbasis *WebAccess Scada*. Tugas Akhir, Program Studi Teknik Listrik, Jurusan Teknik, Politeknik Negeri Madiun, Pembimbing : (I), Budi Artono, S.T., M.T., (II) Basuki Winarno, S.T., M.T.

Kata kunci: *Power Meter, Monitoring, Webaccess, Internet of Things (IoT)*

Pada penelitian ini membahas perancangan sistem monitoring power meter berbasis WebAccess SCADA (Supervisory Control and Data Acquisition) untuk meningkatkan efisiensi dan keterjangkauan monitoring konsumsi energi listrik. WebAccess scada digunakan sebagai platform kontrol dan visualisasi yang memungkinkan akses jarak jauh ke data power meter secara real-time melalui antarmuka web. Sistem ini dirancang untuk mengintegrasikan berbagai power meter yang tersebar di lokasi yang berbeda ke dalam satu platform pemantauan pusat.

SUMMARY/ABSTRACT

Wospodo, Suryo. 2024. Designing a Power Meter Monitoring Dashboard Based On Scada WebAccess. *Final Project, Electrical Engineering Study Program, State Polytechnic of Madiun. Academic Supervisors* (I) Budi Artono, S.T., M.T., (II) Basuki Winarno, S.T., M.T.

Keywords : *Power Meter, Monitoring, Webaccess, Internet of Things (IoT)*

This study discusses the design of a power meter monitoring system based on WebAccess SCADA (Supervisory Control and Data Acquisition) to improve the efficiency and affordability of monitoring electrical energy consumption. WebAccess scada is used as a control and visualization platform that allows remote access to power meter data in real-time via a web interface. The system is designed to integrate a variety of power meters spread across different locations into a single central monitoring platform.