Daftar Pustaka

Adriansya, A., & Priatmadja, R. (2015). Rancang Bangun Protocol Modbus pada KWH Meter Elektronik Tipe ION 8600 untuk Memonitor Besaran Energi Listrik Trafo dengan menggunakan Aplikasi Citect Scada. *Universitas Mercu Buana, Jakarta*, *6*(1).

Akbar, Y. G. (2009). Sistem Pengisian Ulang (Token) KWH Meter Prabayar. *Universitas Komputer Indonesia, Bandung*, 2009.

Andy, S., & Rahardjo, B. (2016). Keamanan Komunikasi Pada Protokol MQTT untuk Perangkat IoT. *Seminar Nasional Teknik Elektro 2016*, (10), 176–184.

Arif, A., Al-Hussain, M., Al-Mutairi, N., Al-Ammar, E., Khan, Y., & Malik, N. (2013). Experimental study and design of smart energy meter for the smart grid. *2013 International Renewable and Sustainable Energy Conference (IRSEC)*, 515–520. https://doi.org/10.1109/IRSEC.2013.6529714

Atmel. (2015). Data Sheet AVR ATmega1284. Retrieved March 19, 2018, from http://ww1.microchip.com/downloads/en/DeviceDoc/doc8059.pdf.

Belly, A., Agusman, C., & Lukman, B. (2010). Daya aktif, reaktif & nyata.

Bintoro, A. (2016). Analisa pengaruh variasi tegangan pada kwh pascabayar dan prabayar terhadap jumlah putaran kwh meter. *Universitas Malikussaleh, Aceh*, 32–39.

Budianto, A., & Saragih, H. (2013). Penerapan Sistem Listrik PLN Prabayar Dengan Penggunaan Dan Pengoprasian KWH Meter Prabayar Secara IT Dalam E-payment Sistem Pulsa Listrik. *Journal of Chemical Information and Modeling*, *53*(9), 1689–1699. https://doi.org/10.1017/CBO9781107415324.004

Budioko, T. (2016). Sistem monitoring suhu jarak jauh berbasis internet of things menggunakan protokol mqtt. *Seminar Nasional Riset Teknologi Informasi*, *1*(30 July), 353–358.

Cao, L., Tian, J., & Zhang, D. (2006). Networked Remote Meter-Reading System Based on Wireless Communication Technology, 172–176.

Dewanto, P., & Ashari, A. (2012). Purwarupa kWh Meter Prabayar dengan Masukan Voucher Secara Remote Melalui Web Browser. *Ijeis*, *2*(2), 2088–3714.

Ellery, E. (2011). Smart Meters and Smart Meter Systems : A Metering Industry Perspective. *Edison Electrical Institute/EEI and AEIC MeterComittees, Washington, D.C.*, (March), 29. Retrieved from www.eei.org

Fahad, M., & Kumar, P. (2017). Prepaid Energy Meter. *Imperial Journal of Interdisciplinary Research (IJIR)*, *3*(6), 80–83. Retrieved from http://www.onlinejournal.in

Febianto, D., Nadhori, I. U., & Basofi, A. (2011). KWH Meter Digital Prabayar untuk Skala Rumah Tangga dengan menggunakan Sistem Voucher. *Politeknik Elektronika Negeri Surabaya, Surabaya*.

Fitriastuti, F. (2011). Aplikasi KwH (Kilo What Hour) Meter Berbasis Microntroller Atmega 32 Untuk Memonitor Beban Listrik. *Universitas Janabadra, Yogyakarta*, *2*(2), 117–126.

Haque, M., Hossain, K., Ali, M., & Sheikh, R. I. (2011). Microcontroller Based Single Phase Digital Prepaid Energy Meter for Improved Metering and Billing System. *International Journal of Power Electronics and Drive System (IJPEDS)*, *1*(2), 139–147.

Hersent, O., Boswarthick, D., & Elloumi, O. (2012). *ModBus StandardizationThe Internet of Things: Key Applications and Protocols, First Edition*. JohnWiley & Sons, Ltd.

Hong, C., Feifei, Z., & Hong, J. (2011). Design of the Two-way Smart Meter Based on Industrial Ethernet, (2), 2–6.

Islam, M. M., Ansary, K. H., Ahmad, S. M. T., Ali, L., & Kabir, S. M. L. (2011). Development of a Low Cost Portable Vending System for Prepaid Utility Meter. *International Conference on Industrial Engineering and Operations Management Kuala Lumpur, Malaysia*, 644–649.

Jain, a, & Bagree, M. (2011). A prepaid meter using mobile communication. *International Journal of Engineering, Science and Technology*, *3*(3), 160–166. https://doi.org/10.4314/ijest.v3i3.68432

Kodali, R. K. (2016). An Implementation of MQTT using CC3200, 582–587.

Lee;, H. G. R. T. C. H., & Mok, V. H. (2007). Automatic Power Meter Reading System Using GSM Network, 465–469.

Li, L., Hu, X., & Zhang, W. (2009). Design of an ARM-Based Power Meter Having WIFI Wireless Communication Module, 403–407.

Meutia, E. D. (2015). Internet of Things – Keamanan dan Privasi. *Seminar Nasional Dan Expo Teknik Elektro 2015*, 85–89.

Mocanu, D. C., Mocanu, E., Nguyen, P. H., Gibescu, M., & Liotta, A. (2016). Big IoT data mining for real-time energy disaggregation in buildings, 3765–3769.

Muhammad, I. F., Abdurohman, M., & Herutomo, A. (2017). Implementasi Smart Metering Menggunakan Internet Of Things Dengan Transport Protocol Web Socket Berbasis OpenMTC di Universitas Telkom. *E-Proceeding of Engineering*, *4*(1), 1075–1082.

Muhammar, K. (2011). Tarif Dasar Listrik. *Universitas Mercu Buana, Jakarta*, 2011.

Oktaviyan, R. (2013). Rancang Bangun Aplikasi Android untuk Menghitung Biaya Listrik Rumah Tangga. *Universitas Negeri Semarang, Semarang*.

Passarella, R. (2013). Perancangan dan Simulasi Energi Meter Digital Satu Phasa Menggunakan Sensor Arus ACS712. *Universitas Sriwijaya, Sumatera Selatan*, *2*(4), 307–315.

Permana, Y., Asrizal, & Kamus, Z. (2013). Pengembangan Prototipe Sistem Pengukuran kWh-meter Digital Presisi Komunikasi Dua Arah Menggunakan Short Message Service Berbasis Mikrokontroler At89s52 Dan Atmega16. *Pillar of Physics*, *1*(April), 92–101.

Primicanta, A. H., Nayan, M. Y., & Awan, M. (2010). ZigBee-GSM Based Automatic Meter Reading System.

Quectel. (2017). Quectel M95 Specification. Retrieved March 19, 2018, from https://www.quectel.com/UploadFile/Product/Quectel_M95_GSM

_Specifica%0Ation_V3.1.pdf.%0A

Rahman, M. T., Khan, T. H., & Kabir, S. M. L. (2009). Design of an Intelligent SMS based Remote Metering System, 1040–1043.

Rakaditya, M. (2012). Perancangan Media Promosi Listrik Pintar di Area Semarang. *Universitas Dian Nuswantoro, Semarang*, 5–6.

Rastogi, S. (2016). Internet of Things based Smart Electricity Meters. *International Journal of Computer Applications*, *133*(8), 975–8887.

Sacoto-Cabrera, E., Rodriguez-Bustamante, J., Gallegos-Segovia, P., Arevalo-Quishpi, G., & León-Paredes, G. (2017). Internet of things: Informatic system for metering with communications MQTT over GPRS for smart meters. *CHILEAN Conference on Electrical, Electronics Engineering, Information and Communication Technologies, CHILECON 2017*, *2017–Janua*, 1–6. https://doi.org/10.1109/CHILECON.2017.8229598

Sahoo, S. S. (2016). Getting Started With MQTT A Practical Guide, 24. Retrieved from http://www.myelectronicslab.com/wp-content/uploads/2016/03/Getting-Started-With-MQTT-My-Electronics-Lab.pdf

Salam, A., & Sucita, T. (2012). Rancang Bangun Sistem Jaringan Multidrop Menggunakan Rs485. *UPI, Bandung*, *11*(2), 1–11.

Saputra, A., & Yuliani, F. (2014). Analisis Kualitas Layanan Program Listrik Pintar (Prabayar) di PT.PLN (Persero) Pekanbaru. *Kampus Bina Widya, Pekanbaru*, *1*(2), 1–15.

Sharko, G., & Dasho, A. (2015). Implementation of Prepaid Metering System necessity for the Albanian Power System (OSHEE), *D*. https://doi.org/10.22618/TP.EI.20151.192029

Siburian, E. (2010). Perancangan KWH Meter dengan Sistem Prabayar Berbasis Mikrokontroller AVR ATMega8535. *Universitas Sumatera Utara, Medan*, 1–11.

Sudimanto. (2017). Pengisian Pulsa (Token) Listrik menggunakan SMS (Short Messages Services). *Sekolah Tinggi Manajemen Informatika Dan Komputer LIKMI, Bandung*, *16*(2), 20–24.

Tarigan, S. O. F., Sitepu, H. I., & Hutagalung, M. (2013). Pengukuran Kinerja Sistem Publish/Subscribe Menggunakan Protokol MQTT (

Message Queuing Telemetry Transport) (Publish / Subscribe System Performance Measurement Using the MQTT (Message Queuing Telemetry Transport Protocol). *Jurnal Telematika*, *9*(1), 25–30.

Zainuri, A. (2010). Aplikasi Sistem Komunikasi Serial Multipoint RS-485 Pada Kontrol Crane Barang. *Universitas Brawijaya, Malang*.