DAFTAR PUSTAKA

[1] T. Konnery, "Strategi Pencapaian Pemanfaatan Pembangkit Listrik Tenaga Surya (PLTS) Di Indonesia Sampai Tahun 2025," Tesis. Pascasarjana Universitas Indonesia, 2011.

[2] Badan Meteorologi, Klimatologi, dan Geofisika (BMKG Provinsi Sumatera Barat kota Padang), Data Iklim Harian, 2016-2017.

[3] Y.M.Irwan, W.Z.Leow, M.Irwanto, Fareq.M, A.R.Amelia, N.Gomesh, *et al.*, "Indoor Test Performance of PV Panel through Water Cooling Method ", elsevier, pp. 604-611, 2015.

[4] R. Ikhsan, I. D. Sara, and R. S. Lubis, "Study Kasus Kelayakan Penerapan Sistem Hybrid Building Applied Photovoltaics (BAPV)- PLN pada Atap Gedung Politeknik Aceh," *Rekayasa Elektrika,* vol. 13, No 1, pp. 48-56, April 2017.

[5] Syafii, and R. Nazir, "*Performance and Energy Saving Analysis of Grid Connected Photovoltaic in West Sumatera," International Journal of Power Electronics and Drive System (IJPEDS),* vol. 7, No 4, pp. 1348-1354, Desember 2016.

[6] M. R. Fachri, I. D. Sara, and Y. Away, "Pemantau Parameter Panel Surya Berbasis Arduino secara Real Time," *Rekayasa Elektrika,* vol. 11, No 4, pp. 123-128, Agustus 2015.

[7] Hagerman, S., Jaramillo, P. & M Granger Morgan, 2016. Is rooftop solar PV at socket parity without subsidier? Energy Policy, 89, p.8494.

[8] ICA_Solar, 2015. Product Catalog 2015.

[9] T. Utomo, "Kajian Kelayakan Sistem Photovoltaik Sebagai Pembangkit Daya Listrik Skala Rumah Tangga (Studi Kasus Di Gedung Vedc Malang)," *Jurnal EECCIS,* vol. 3, no.1, pp. 13-17, Juni 2009.

[10] H. Sirait, "Sistem Pelacak Sinar Matahari Dalam Pengisian Daya Listrik Pada Accu Menggunakan Solar Panel," pp. 347-359, oktober 2016.

[11] D. Dzulfikara and W. Broto, "Optimalisasi Pemanfaatan Energi Listrik Tenaga Surya Skala Rumah Tangga," vol. 5, pp. 73-76, Oktober 2016.

[12] Q. M. Aish, "Temperature Effect on Photovoltaic Modules Power Drop," *Al-Khwarizmi Engineering Journal*, vol. 11, No. 2, pp. 62-73, January 2015.

[13] H. Esen, A. Kapicioglu, and O. Ozsolak, "Design and Implementation of Automatic wheat Mower Based on Smart sensor fed by a Photovoltaic," *Internasional Journal of Photoenergy*, vol. 2016, p. 10, November 2015.

[14] D. Petreus, D. Moga, A. Rusu, T. Patarau, and M. Munteanu, "Photovoltaic System with Smart tracking of the Optimal Working Point," *Advances in Electrical and Computer Engineering*, vol. 10, no. 3, pp. 40-47, 2010

[15] F. Spertino, J. Ahmad, A. Ciociaa, and P. D. Leoa, "Techniques and Experimental Results for Performance Analysis of Photovoltaic Modules Installed in Buildings," Elsevier, pp. 944 – 953 Desember 2016.

[16] S. Yuliananda, G. Sarya, and R. R. Hastijanti, "Pengaruh Perubahan Intensitas Matahari Terhadap Daya Keluaran Panel Surya," vol. 01, No. 02 pp. 193 - 202, Nopember 2015.

[17] M. Rif'an, S. HP, M. Shidiq, R. Yuwono, H. Suyono, and F. S., "Optimasi Pemanfaatan Energi Listrik Tenaga Matahari di Jurusan Teknik Elektro Universitas Brawijaya," *Jurnal EECCIS* vol. 6, No. 1, pp. 44-48, Juni 2012.

[18] I. Dinata and W. Sunanda, "Implementasi Wireless Akuisisi data Energi Listrik Berbasis Web Database, " *Jural Nasional Teknik Elektro*, vol. 4, no. 1, pp. 83-88, Maret 2015.

[19] M. G. Simanjuntak and F. R. Batubara, "Perancangan Prototipe Smart Building Berbasis Arduino Uno," *SINGUDA ENSIKOM*, vol. 2, no. 2, pp. 78-83, Mei 2013.

[20] M. Arihutomo, M. Rivai, Suwito, "Sistem Akuisisi data Arus Listrik Jala-Jala Menggunakan Power Line Carrier, " *JURNAL TEKNIK ITS*, vol. 1, no. 1, pp. 1-4, Maret 2015

[21] F.N. Habibi, S.Setiawidayat, M. Mukhsim, "Alat Akuisisi data Pemakaian Energi Listrik Berbasis Android Menggunakan Modul PZEM-004T," *Prosiding Seminar Nasional Teknologi Elektro Terapan* , vol. 01, No.1 pp. 1-8, Oktober 2017.

[22] I. Kanedi, Jauhari, and A.Wulandari, "Tata Kelola Perpustakaan Menggunakan Bahasa Pemrograman Visual Basic 6.0," *Jurnal Media Infotama*, vol. 9, No.1 pp. 46-66, Februari 2013.

UNIVERSITAS ANDALAS
UNTUK KEDJAJAAN BANGSA