

DAFTAR PUSTAKA

- [1] Lavinia Chiara Tagliabue, Michela Buzzeti, Barbara Arosio, *Energy Saving Throught the sun: Analysis of Visual Comfort and Energy Consumption in Office Space*. Paper, Departement of Building Environtment Science & Technology, Politecnico di Milano, Italy, 2012.
- [2] Vladimir Bazjanac, *Building Energy Performance Simulation as Part of Interoperable Software Environments*. Paper, Lawrence Berkeley National Laboratory, University of California, Berkeley, USA, 2004.
- [3] D. Batuwangala, Indunil, *An Overview of The Green Building Concept*, D.G. Jones International, Dubai, UAE.
- [4] Agra Arie Munanda. Simulasi Sistem Energi Pada Perpustakaan Pusat Universitas Gadjah Mada Gedung L1 Dengan *Energyplus*. Skripsi, Jurusan Teknik Fisika, Fakulktas Teknik Fisika, Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta, 2014.
- [5] Laksana Gema Perdamaian. Simulasi Konsumsi Energi Listrik Sistem Tata Udara, Tata Cahaya, Peralatan Listrik, dan Transportasi Terminal 3 Bandar Udara Internasional Soekarno-Hatta dengan *EnergyPlus 7.0.0*. Skripsi, Jurusan Teknik Fisika, Fakulktas Teknik Fisika, Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta, 2012.
- [6] Nanda Kania Pradita. Simulasi Energi Bangunan Pada Ruang Rawat Inap Rumah Sakit dengan *EnergyPlus* (Studi Kasus : RS Yadika Pondok Bambu, Jakarta). Skripsi, Jurusan Teknik Fisika, Fakulktas Teknik Fisika, Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta, 2013.
- [7] Dewati Widitama. Analisis Energi Bangunan Hotel Novotel Yogyakarta dengan Sistem Pengkondisian Udara *Variable Air Volume* Menggunakan *EnergyPlus*. Skripsi, Jurusan Teknik Fisika, Fakulktas Teknik Fisika, Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta, 2013.
- [8] Drury B. Crawley, Linda K. Lawrie, Curtis O. Pedersen, Richard J. Liesen, Daniel E. Fisher, Richard K. Strand, Russell D. Taylor, Frederick C. Winkelmann, W. F. Buhl, A. Ender Erden, Y. Joe Huang. "EnergyPlus, A

- New-Generation Building Energy Simulation Program”. *Proceedings of Building Simulation, Volume 1: 81-88, 1999.*
- [9] Bhatia, A. *Cooling Load Calculations and Principles.*
 - [10] ASHRAE. 2009 *ASHRAE Handbook – Fundamentals (SI).* American Society of Heating, Refrigeration, and Air Conditioning Engineers Inc., Atlanta, Georgia, Amerika Serikat, 2009.
 - [11] Pedersen, C.O., D.E. Fisher, R.J. Liesen. 1997. “*Development of a Heat Balance Procedure for Calculating Cooling Loads*”, ASHRAE Transactions, Vol. 103, Pt. 2, pp. 459-468.
 - [12] *EnergyPlus Engineering Reference.* Dokumen teknis, University of Illinois, Urbana, Illinois, dan Ernest Orlando Lawrence Berkeley National Laboratory, Berkeley, California, Amerika Serikat, 2011.
 - [13] Tata Cara Perancangan Sistem Ventilasi dan Pengkondisian Udara pada Bangunan Gedung. Standar Nasional Indonesia (SNI) 03-6572-2001. Badan Standardisasi Nasional, Jakarta, 2001.
 - [14] *Windows for High Performance Commercial Buildings.* Center for Sustainable Building Research, College of Design, University of Minnesota dan The Windows and Daylighting Group at Lawrence Berkeley National Laboratory (LBNL). Diakses dari http://www.commercialwindows.org/primer_intro.php, 09 Februari 2016.
 - [15] *EnergyPlus Input-Output Reference.* Dokumen teknis, University of Illinois, Urbana, Illinois, dan Ernest Orlando Lawrence Berkeley National Laboratory, Berkeley, California, Amerika Serikat, 2011.
 - [16] Robert McDowall. *Fundamental of HVAC Systems, SI Edition.* Elsevier. Oxford, Inggris Raya, 2007.
 - [17] Shan K.Wang. *Handbook of Air Conditioning and Refrigeration.* McGrawHill. New York, New York, Amerika Serikat, 2000.
 - [18] Aulia Muhaddi, Ahmad Rahma Wardhana, Ahmad Fahmi Hidayatulloh, Nasrulloh, Fajar Zawa Tri Mulya, Laksana Gema Perdamaian, dan Arif Darmawan. *Manajemen Energi Terminal 3 Bandar Udara Internasional Soekarno-Hatta, PT (Persero) Angkasa Pura II Cabang Utama Bandar Udara*

- Internasional Soekarno-Hatta. Laporan Kerja Praktek, Jurusan Teknik Fisika, Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta, 2011.
- [19] Laksana Gema Perdamaian. Modul *EnergyPlus Integrated Smart and Green Building*. Modul Perangkat Lunak, Jurusan Teknik Fisika, Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta, 2015.
- [20] Daniel E. Fisher dan Chanvit Chantrasrisalai. *ASHRAE 1282-RP Lighting Heat Gain Distribution in Buildings*. Laporan penelitian, ASHRAE Research Project, ASHRAE, Atlanta, Georgia, Amerika Serikat, 2006.
- [21] GARD Analytics, Inc. *EnergyPlus Overview*. Presentasi. Diakses dari <http://energytrust.org/library/bsug-files/EnergyPlusOverview.pdf>, 03 Maret 2016.
- [22] Evans J. Lizardos, P.E. *Absorption vs. Electric Chiller Technologies*. Presentasi. Diakses dari <http://www.ashraebistate.org/sites/all/files/events/Chill%20Technologies-101211.pdf>, 11 Maret 2016.
- [23] Muhammad Ibnu Saud. Pengaruh Konfigurasi *Window to Wall Ratio*, *Solar Heat Gain Coefficient* dan Orientasi Bangunan Terhadap Kinerja Termal Selubung Bangunan. Simulasi Bangunan Hipotetik Perkantoran Berlantai Banyak Berdasarkan Data Iklim Jakarta. Yogyakarta, 2012.
- [24] Umi Kulsum Maharani Priandini. Analisis Kinerja Selubung Bangunan Dengan Mengacu Pada Nilai Ottv (Studi Kasus: Hotel Novotel Yogyakarta, Indonesia). Skripsi, Jurusan Teknik Fisika, Fakultas Teknik Fisika, Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta, 2013.
- [25] SNI 03-6389-2000 Konservasi Energi Selubung Bangunan pada Bangunan Gedung.
- [26] Electrochromic Windows Explainasion. Modul. Diakses dari <http://www.explainthatstuff.com/electrochromic-windows.html>, 31 Maret 2016.
- [27] *EnergyPlus 8.4 Version. DataSets. WindowGlassMaterials*.
- [28] Dhyhan Seminar Asih. Pengaruh Material Pelapis Pada Fasade Bangunan Terhadap Nilai OTTV. Tesis, Departemen Arsitektur, Fakultas Teknik, Universitas Indonesia, Depok, 2012.



- [29] Byung-Lip Ahn, Cheol-Yong Jang, *Effect of LED Lighting On the Cooling And Heating Load In Office Building*, Paper, Green Building Research Center, Korea Institute of Energy Research, 152 Gajeong-ro, Yuseong-gu, Republic of Korea, 2013.