

DAFTAR PUSTAKA

- [1] Centre for Energy Economics Research and Policy, Heriot-Watt University. *BP Statistical Review of World Energy 67th Edition*. Juni 2018. BP p.l.c. United Kingdom : PurePrint.
- [2] Peper, Soren, Javier Flores and Huyeng Tim. October 2016. *Energy monitoring of residential buildings in the Passive House City district of Heidelberg-Bahnstadt*. Passive House Institute Dr. Wolfgang Feist: Germany
- [3] Breeze, Paul. 2014. *Power Generation Technologies: Second edition*. United
- [4] Petchers, Neil. 2002. *Combined Heating, Cooling & Power Handbook: Technologies & Applications*. United States, Georgia: The Fairmont Press, Inc. ISBN 0-88173-433-0 (Electronic).
- [5] Fischer, Achim. Public Relations Office of Heidelberg. Achim Fischer. Date Unknown. Available at : <https://www.heidelberg.de/hd,Len/930673.html?nodeID=8139816&zmdetail=1> Accessed : 10/05/2019
- [6] Zeller, Jr., Tom (September 26, 2010). "*Beyond Fossil Fuels: Can We Build in a Brighter Shade of Green?*". The New York Times. p. BU1. Accessed From : https://www.nytimes.com/2010/09/26/business/energy-environment/26smart.html?_r=1&ref=earth&pagewanted=all
- [7] Feist, Wolfgang. 5 Oktober 2012. *Definition of Passive Houses*. Passive House Institute Dr Wolfgang Feist: Germany Available Online at: http://www.passivhaustagung.de/Passive_House_E/passivehouse_definition.html
- [8] Febijanto, Irhan. 2007. Potensi Biomassa Indonesia Sebagai Bahan Bakar Pengganti Energi Fosil. *Jurnal Sains dan Teknologi Indonesia* Vol. 9 No. 2 Agustus 2007 Hlm. 65-75. Pusat Pengkajian dan Penerapan Teknologi Pengembangan Sumber Daya Energi, Deputi Teknologi Pengembangan Sumberdaya Alam, BPPT, Jakarta. Diakses dari <http://ejurnal.bppt.go.id/ejurnal2011/index.php/jsti/article/view/669/620> pada 28 September 2019 .
- [9] Birgit Mack, Karolin Tampe-Mai. *An action theory-based electricity saving web portal for households with an interface to smart meters*. *Utilities Policy*, Volume 42. 2016. Pages 51-63. ISSN 0957-1787.



<https://doi.org/10.1016/j.jup.2016.05.003>

<http://www.sciencedirect.com/science/article/pii/S0957178716301217>

- [10] Rafał Strzałka, Dietrich Schneider, Ursula Eicker. *Current status of bioenergy technologies in Germany, Renewable and Sustainable Energy Reviews*. Volume 72, 2017, Pages 801-820, ISSN 1364-0321. <https://doi.org/10.1016/j.rser.2017.01.091>
- [11] Jacek Kalina, Mateusz Świerzewski, Rafał Strzałka. *Operational experiences of municipal heating plants with biomass-fired ORC cogeneration units. Energy Conversion and Management*, Volume 181, 2019, Pages 544-561, ISSN 0196-8904, <http://www.sciencedirect.com/science/article/pii/S0196890418313803>)
- [12] Karlos A. Garcia, Guido Hora. State-of-the-art of waste wood supply chain in Germany and selected European countries. *Waste Management*, Volume 70, 2017, Pages 189-197, ISSN 0956-053X, <https://doi.org/10.1016/j.wasman.2017.09.025> .
<http://www.sciencedirect.com/science/article/pii/S0956053X17306931>)
- [13] Benjamin Bayer, Patrick Matschoss, Heiko Thomas, Adela Marian. *The German experience with integrating photovoltaic systems into the low-voltage grids. Renewable Energy*, Volume 119, 2018, Pages 129-141, ISSN 0960-1481
<http://www.sciencedirect.com/science/article/pii/S0960148117311461>)
- [14] Orlik, Walter. 2018. *Energie -Monitoring der Jahre 2014 bis 2017 für die Wohngebäude im Passivhaus-Stadtteil Heidelberg-Bahnstadt. The Klimaschutz- und Energie-Beratungsagentur Heidelberg-Nachbargemeinden gmbH*. Jerman, Heidelberg.
- [15] Nora Szarka, Volker Lenz, Daniela Thrän. *The crucial role of biomass-based heat in a climate-friendly Germany—A scenario analysis, Energy*, Volume 186, 2019, 115859, ISSN 0360-5442, <http://www.sciencedirect.com/science/article/pii/S0360544219315312>)
- [16] Mattes Scheftelowitz, Raik Becker, Daniela Thrän. *Improved power provision from biomass: A retrospective on the impacts of German energy policy. Biomass and Bioenergy*, Volume 111, 2018, Pages 1-12, ISSN 0961-9534,
<http://www.sciencedirect.com/science/article/pii/S0961953418300163>
- [17] Bermich dan Grosskopf. 2018. *Bahnstadt - Heidelberg Experiences with a 100 ha Passive House District*. Dalam: *Webinar – C40 Low Carbon Districts Forum*. Pemerintah Kota Heidelberg/Stadtwerke Heidelberg Umwelt GmbH:



Office for Environmental Protection, Trade Supervision and Energy.
Heidelberg, Jerman.

- [18] Würzner, Eckart. 2017. *Holz-Heizkraftwerk Heidelberg: Wärme und Strom aus erneuerbaren Energien.* Stadtwerke Heidelberg Umwelt GmbH. Heidelberg. Jerman.
- [19] Ellabban, Omar; Abu-Rub, Haitham; Blaabjerg, Frede. 2014. *Renewable energy resources: Current status, future prospects and their enabling technology.*
- [20] REN 21. September 2010. *Renewables 2010 Global Status Report.* Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) GmbH. Diakses Oktober 2019.
- [21] Renewable Energy World. Types of renewable energy. Diakses dari: <https://www.renewableenergyworld.com/types-of-renewable-energy/#gref> . Diakses Oktober 2019.
- [22] Beith, Robert. *Small and micro combined heat and power (CHP) systems : Advanced design, performance, materials and applications.* Cambridge : Woodhead Publishing. United Kingdom. ISBN: ISBN 978-0-85709-275-5
- [23] Frangopoulos, Christos A.. 2017. *Cogeneration Technologies, Optimisation and Implementation.* London : The Institution of Engineering and Technology. United Kingdom. ISBN: 978-1-78561-056-1
- [24] Rosen, Marc A., dan Koochi-Fayegh, Seama. 2016. *Cogeneration and District Energy Systems : Modelling, Analysis and Optimization.* London : The Institution of Engineering and Technology. United Kingdom. ISBN: 978-1-78561-127-8
- [25] Cengel, Yunus A., dan Boles, Michael A.. 2015. *Thermodynamics : Eight Edition.* New York : McGraw-Hill Education. United States. ISBN: 978-0-07-339817-4
- [26] Francescato, Valter. Dkk. 2008. *Wood Fuels Handbook : Production, Quality Requirements, Trading.* Agripolis : Italian Agriforestry Energy Association. Italia.
- [27] Cheng, Jay. 2010. *Biomass to Renewable Energy Processes.* Florida: Taylor and Francis Group. United States. ISBN: 978-1-4200-9517-3
- [28] Smith, W. Ramsay. 1982. *Energy from Forest Biomass.* Washington : Academic Press, Inc. United States. ISBN : 0-12-652780-6
- [29] *Fostering Efficient long term Supply partnerships. A guide to specifying biomass heating systems.* Intelligent Energy Europe (IEE). Uni Eropa. Tersedia pada : <https://ec.europa.eu/energy/intelligent/projects/sites/iee->



- projects/files/projects/documents/forest_guide_for_designers_and_architects_en.pdf
- [30] Wenham,S.R., Green M.A., Watt M.E., Corkish R.. 2007. *Applied Photovoltaics: Second Edition*. United Kingdom, Cornwall: TJ International Ltd. ISBN: 978-1-84407-401-3
- [31] Solargis. 2019. *Solar resource maps of Germany*. The World Bank : Global Solar Atlas 2.0. Tersedia pada <https://solargis.com/maps-and-gis-data/download/germany>
- [32] Virginia Tech. 2007. Distributed Generation Education Modules : Introduction to Distributed Generation. National Science Foundation under Grant No. ECS-0323344. Amerika Serikat. Tersedia pada: <https://www.dg.history.vt.edu/index.html>
- [33] TransnetBW. 2016. Structural data. Stuttgart : Transnet BW GmbH. Jerman. Tersedia pada : <https://www.transnetbw.com/en/transparency/market-data/structure-data>
- [34] Bundesinstitut fur Bau-, Stadt, und Raumforschung. 2013. Second Ordinance amending the Energy Saving Ordinance (EnEV 2013). German Federal Government. Tersedia pada https://www.bbsr-energieeinsparung.de/EnEVPortal/EN/EnEV/EnEV2013/EnEV2013_node.html
- [35] Senate Department for Urban Development and Housing. 2014. EnEV - energy saving in buildings. Berlin. German Federal Government. Tersedia pada: https://www.stadtentwicklung.berlin.de/bauen/enev/de/eneg_enev.shtml
- [36] Global Buildings Performance Network. 2019. Policy Comparative Tool : Germany. Tersedia pada : <http://www.gbpn.org/databases-tools/bc-detail-pages/germany#Summary>
- [37] German Federal Law. 2019 Energy Saving Ordinance : Appendix 6. Pemerintah Negara Jerman. Tersedia pada : <https://www.buzer.de/gesetz/7831/a151170.htm>
- [38] Future Policy. The Germans Feed in Tariff. World Future Council. Tersedia pada : <https://www.futurepolicy.org/climate-stability/renewable-energies/the-german-feed-in-tariff>
- [39] Federal Ministry for Economic Affairs and Energy. 2018. Renewable Energy Surcharge. German Federal Government. Jerman. Tersedia pada : <https://www.bmwi->



[energiwende.de/EWD/Redaktion/EN/Newsletter/2018/01/Meldung/topthe
ma.html](http://energiwende.de/EWD/Redaktion/EN/Newsletter/2018/01/Meldung/topthe
ma.html)

- [40] Federal Ministry of Justice and Consumer Protection. 2019. Renewable Energies Heat Act – EEWärmeG. Tersedia pada : https://www.gesetze-im-internet.de/eew_rmeg/
- [41] Federal Environment Agency. 2019. Renewable Energies Heat Act. German Federal Government. Tersedia pada : <https://www.umweltbundesamt.de/themen/klima-energie/erneuerbare-energien/erneuerbare-energien-waermegesetz>
- [42] Stadtwerke Heidelberg. 2015-2018. *Zahlenspiegel 2015-2018. Heidelberg: Germany. Available at:* <https://www.swhd.de/de/SWH/download/Unternehmensdaten/>
- [43] Stadtwerke Heidelberg. *Fur Dich: Übersicht EEG- und EB-Gasmotoren_Umweltamt.* Didapat setelah wawancara dengan Ibu Wiebke Grosskopf
- [44] Heidelberg Stadtwerke. Desember 2016. *Fur Euch: weil kaum etwas bequemer ist. Heidelberg WÄRME – klimaschonen Art zu heizen. Heidelberg Stadtwerke. Page 7. Courtesy of Heidelberg Stadtwerke. Germany Taken from* : <https://www.swhd.de/de/Energie-und-Wasser/Fernwaerme/Rechte-Seite/Bro-Fernwaerme.pdf>
- [45] Stadtwerke Heidelberg. *Solar Mapping.* Available at: <https://www.heidelberg.de/hd,Lde/HD/Leben/Nutzungsbedingungen.html>
Diambil pada: 4 September 2019