

DAFTAR PUSTAKA

- [1] Kementrian ESDM, “Rencana Usaha Penyediaan Tenaga Listrik (RUPTL) 2025 - 2034,” pp. 2025–2034, 2025.
- [2] PT. PLN (Persero), “Data PLN UPK Bangka Belitung,” 2024.
- [3] P. Parvizi, M. Jalilian, and K. D. Dearn, “Results in Engineering Evaluating the mechanical and thermal performance of high-temperature low sag (HTLS) conductors : A comparative study of ACCC , ACSS , and ACSR conductors,” *Results Eng.*, vol. 26, no. March, p. 104735, 2025, doi: 10.1016/j.rineng.2025.104735.
- [4] Y. N. Belaid and M. Heleno, “A cost – benefit framework to evaluate capacity upgrade options in overhead line transmission planning,” vol. 251, no. August 2025, 2025.
- [5] U. Wiharja *et al.*, “Analisa Perbandingan Konduktor ACSR Hawk dan ACCC Amsterdam pada Rekonduktoring SUTET 500 kV di Suralaya-Cilegon tercepat dan termurah untuk meningkatkan kapasitas jaringan , menggantikan kebutuhan ACSR (Aluminium Conductor Steel Reinforced) dan ACCC (Aluminium Conductor Composite,” vol. 3, no. September, 2025.
- [6] Rohmanita Duanaputri, Ahmad Hermawan, and Zulvina Arifah, “Analisis Aliran Daya Reconductoring Saluran Transmisi Paiton Kraksaan-Probolinggo 150 kV Terhadap Saluran Yang Terimbas,” *Elposys J. Sist. Kelistrikan*, vol. 9, no. 2, pp. 64–69, 2023, doi: 10.33795/elposys.v9i2.618.
- [7] M. Ahsan, M. N. R. Baharom, I. U. Khalil, and Z. Zainal, “Analysis of High Ampacity and Low Sag Conductors of 275 kV Overhead Transmission Lines Using Reconductoring Technique,” *Electr. Power Syst. Res.*, vol. 246, no. April, p. 111719, 2025, doi: 10.1016/j.epwr.2025.111719.
- [8] P. Parvizi, M. Jalilian, and K. D. Dearn, “Beyond traditional conductors: Aluminium conductor composite core’s role in next-generation high temperature-low sag technologies – A review,” *Electr. Power Syst. Res.*, vol. 239, no. October 2024, p. 111251, 2025, doi: 10.1016/j.epwr.2024.111251.

- [9] L. Fan, H. Chen, S. Zhao, and Y. Wang, “Comparative Economic Analysis of Transmission Lines Adopted for Energy-Saving Conductors Considering Life Cycle Cost,” *Inventions*, vol. 9, no. 4, 2024, doi: 10.3390/inventions9040075.
- [10] H. M. Luqman *et al.*, “Conductor sag comparison for 132 kV overhead transmission line improvement in Malaysia,” vol. 9, no. 1, pp. 39–47, 2020, doi: 10.11591/eei.v9i1.1863.
- [11] M. Iqbal and H. D. Armono, “Pemakaian Temporary Tower untuk Optimalisasi Penyelesaian Rekonduktoring dan Penggantian Tower Saluran Udara Tegangan Tinggi (SUTT) 150 KV,” *Rekayasa*, vol. 16, no. 2, pp. 257–264, 2023, doi: 10.21107/rekayasa.v16i2.21105.
- [12] P. Slamet, R. S. Widagdo, B. Hariadi, and J. P. Surya, “Wahana : Tridarma Perguruan Tinggi Study of ACSR Conductor Characteristics on Power Losses and Voltage Drop in 500 kV Transmission Lines : A Case Study at,” vol. 77, no. 1, 2025.
- [13] M. Moreno-eguillaz, “Uprating of transmission lines by means of HTLS conductors for a sustainable growth : Challenges , opportunities , and research needs,” vol. 134, no. December 2019, 2020, doi: 10.1016/j.rser.2020.110334.
- [14] M. K. Huda, W. G. Ariastina, and I. W. Sukerayasa, “Bali Saat Rekonduktoring Sutt Gilimanuk – Negara – Antosari,” vol. 7, no. 3, pp. 83–90, 2020.
- [15] A. Arismunandar and S. Kuwaraha, *Buku Pegangan Teknik Tenaga Listrik*, 2nd ed. Jakarta: PT. Pradnya Paramita, 1982.
- [16] Kementrian ESDM, “Peraturan Menteri Energi Dan Sumber Daya Mineral Republik Indonesia No 20 Tahun 2020 Tentang Aturan Jaringan Sistem Tenaga Listrik (Grid Code),” Jakarta, 2020.
- [17] W. D. Stevenson, *Analisis Sistem Tenaga Listrik*, Empat. Jakarta: Penerbit Erlangga, 1984.
- [18] N. H. Utomo, “Perencanaan dan Desain Saluran Transmisi 500 kV Tj. Redeb - Sabah Sehubungan dengan Ekspor Energi Listrik,” *Inst. Teknol. Sepuluh Nop.*, 2019.
- [19] Redi Permata Hati, “Perencanaan Dan Desain Saluran Transmisi Kayan Hydropower Ke

- Grid Kalimantan,” *Tugas Akhir*, 2019.
- [20] PT. PLN (Persero), “Pedoman Pemeliharaan SUTT/TET & ROW,” 2024.
- [21] PT PLN (Persero), “SPLN T.5.014-1:2021 Kriteria Desain Saluran Udara Tegangan Tinggi Dan Saluran Udara Tegangan Ekstra Tinggi Bagian 1: Tower Rangka Baja (Latticed Steel Tower),” no. 0255, 2021.
- [22] PUIL, “Persyaratan Umum Instalasi Listrik 2000 (PUIL 2000). Standar Nasional Indonesia DirJen Ketenagalistrikan,” *Standar Nas. Indones. DirJen Ketenagalistrikan*, 2000.
- [23] R. Morrison, Ed., *The Principles of Project Finance*. England: Gower Publishing Limited, 2012.
- [24] DIgSILENT, *DIgSILENT PowerFactory 15 Tutorial*. Gomariningen, Germany: DIgSILENT GmbH, 2013.
- [25] PT. PLN (Persero), “Data PLN ULTG Belitung,” 2025.
- [26] PT. PLN, “SPLN 1981: Hantaran Aluminium Berpenguat Baja (ACSR),” pp. 1–20, 1981.
- [27] PT PLN (Persero), “SPLN T3.001-2-1 :2023 Pedoman Pemilihan Jenis Konduktor,” no. 0273, 2023.
- [28] PT. PLN (Persero), “SPLN T.3.001-2-2: 2023 Pedoman Pemilihan Jenis Konduktor,” no. 0326, 2023.
- [29] C. Global, “ACCC CTC Global,” vol. 151, 2015.
- [30] ADB, “Electricity Grid Strengthening Sumatra Program,” pp. 101–104, 2018, [Online]. Available: <https://www.adb.org/sites/default/files/linked-documents/49080-001-sd-01.pdf>
- [31] Bank Indonesia, “Statistik Indikator Target Inflasi”, [Online]. Available: <https://www.bi.go.id/id/statistik/indikator/target-inflasi.aspx>
- [32] BPS Indonesia, “Inflasi year-on-year (y-on-y) pada September 2025 sebesar 2,65 persen”, [Online]. Available: <https://www.bps.go.id/id/pressrelease/2025/10/01/2468/inflasi-year-on-year--y-on-y--pada-september-2025-sebesar-2-65-persen.html>

- [33] T. L. Saaty, “Decision making with the analytic hierarchy process,” vol. 1, no. 1, 2008.
- [34] F. Aydin, “Comparative analysis of multi-criteria decision making methods for the assessment of optimal SVC location,” vol. 70, no. 2, pp. 1–11, 2022, doi: 10.24425/bpasts.2022.140555.
- [35] Kementrian Energi dan Sumber Daya Manusia, “Peraturan Menteri Energi dan Sumber Daya Mineral Republik Indonesia Nomor 13 Tahun 2025,” pp. 1–100, 2025.