TILclimate: Transmission Sources

- 1. "Electricity explained: Electricity generation, capacity, and sales in the United States," U.S. Energy Information Administration, updated July 16, 2024.
- 2. "Understanding Transmission How You Get Your Energy: Transmission Line Design," <u>Transmission Agency of Northern California</u>.
- 3. "Distribution and transmission connections what's the difference?" <u>National Grid</u>, October 30, 2023.
- 4. "WEF warns of growing cyber threats to energy infrastructure following Iberian blackout," <u>Industrial Cyber</u>, May 2, 2025
- 5. "Al is set to drive surging electricity demand from data centres while offering the potential to transform how the energy sector works," <u>International Energy Agency</u>, April 10, 2025.
- 6. "On the Road to Increased Transmission: High-Voltage Direct Current: How High-Voltage Direct Current Lines Could Better Connect Solar and Wind to the Current Grid," <u>National</u> <u>Renewable Energy Laboratory</u>, June 12, 2024.
- 7. "What Is the Percentage of Electric Cars in the U.S.?" Edmunds.
- 8. Hannah Wallace, "How heat pumps became America's hottest home energy system," <u>Rewiring America.</u>
- 9. Courtney Lindwall, "Electric vs. Gas Cars: Is It Cheaper to Drive an EV?" <u>National</u> <u>Resources Defense Council</u>, March 21, 2024.
- 10. "Pump Up Your Savings with Heat Pumps," <u>U.S. Department of Energy</u>, May 30, 2023.
- 11. "Today in Energy: Solar and battery storage to make up 81% of new U.S. electric-generating capacity in 2024," <u>U.S. Energy Information Administration</u>, December 26, 2024.
- 12. Niccolo Conte, "Which US state generates the most wind power? There's a clear winner," <u>World Economic Forum</u>, April 26, 2022.
- 13. Maria Virginia Olano, "Chart: Which US states generate the most solar and wind energy?" <u>Canary Media</u>, April 12, 2024.
- 14. Devonie Oleson, "Reframing Curtailment: Why Too Much of a Good Thing Is Still a Good Thing: Video Explains How Having More than Enough Renewable Energy Capacity Can Make the Grid More Flexible," <u>National Renewable Energy Laboratory</u>, July 18, 2022.
- 15. "Missouri: Profile Analysis," U.S. Energy Information Administration, August 15, 2024.
- 16. "Levelized Costs of New Generation Resources in the Annual Energy Outlook 2022," U.S. Energy Information Administration, March 2022.
- 17. "Cost and Performance Characteristics of New Generating Technologies, Annual Energy Outlook 2023, <u>U.S. Energy Information Administration</u>, March 2023.
- 18. "New England Clean Energy Connect," <u>Central Maine Power.</u>
- 19. "DPU Approves Settlement for New England Clean Energy Connect," press release, <u>Commonwealth of Massachusetts</u>, January 27, 2025.
- 20. Devin Hartman, Josiah Neeley and Philip Rossetti, "State and Local Permitting for the Energy Sector: Challenges and Opportunities," <u>R Street Institute</u>, November 19, 2024.

- 21. Emil Dimanchev, Joshua Hodge, and John Parsons, "Two-Way Trade in Green Electrons: Deep Decarbonization of the Northeastern U.S. and the Role of Canadian Hydropower," <u>MIT Center for Energy and Environmental Policy Research</u>.
- 22. "Who We Are," New England Clean Energy Connect.
- 23. "NECEC Transmission LLC v. Bureau of Parks & Lands," <u>Sabin Center for Climate Change</u> <u>Law</u>.
- 24. Adam Bartow, "'These conclusions may be unpopular.' Federal judge won't revoke permits for CMP power corridor," <u>WMTW ABC</u>, April 7, 2025.
- 25. "Q&A with Meredith Angwin, author of Shorting the Grid: The Hidden Fragility of Our Electric Grid," <u>Grid Brief</u>, April 7, 2022.
- 26. "Grid connection backlog grows by 30% in 2023, dominated by requests for solar, wind, and energy storage," Energy Markets & Policy, <u>Berkeley Lab</u>, April 10, 2024.
- 27. "The Age of Energy Projects in Interconnection Queues, by State," Visual Capitalist, <u>Transport Energy Strategies</u>, September 3, 2024.
- 28. "Transmission & CREZ Fact Sheet: Transmission Lines Provide Real and Measurable Benefits to Consumers, Businesses, And Utilities," <u>Powering Texas</u>.
- 29. "Today in Energy: Carbon dioxide emissions from the U.S. power sector have declined 28% since 2005," <u>U.S. Energy Information Administration</u>, December 21, 2018.
- 30. "U.S. Installed and Potential Wind Power Capacity and Generation," WindExchange, <u>U.S.</u> <u>Department of Energy.</u>
- 31. "Texas Comptroller Energy Tour: Wind Energy Overview," Wind Energy Snapshot, <u>Texas</u> <u>Comptroller of Public Accounts</u>.
- 32. "Massachusetts: Profile Data," U.S. Energy Information Administration, June 20, 2025.
- 33. "Texas: Profile Data," U.S. Energy Information Administration, June 20, 2025.
- 34. John Dorrell and Keunjae Lee, "The Politics of Wind: A state level analysis of political party impact on wind energy development in the United States," <u>Energy Research & Social Science</u>, November 2020.