

Background Reading, News, Research

Title	Author	Link	Publication	Type
Environmental Burden of United States Data Centers in the Artificial Intelligence Era		https://arxiv.org/abs/2411.09786	Nov 2024	Report
Explained: Generative AI's environmental impact		https://news.mit.edu/2025/explained-generative-ai-environmental-impact-0117	Jan 2025	
The Dark Side of AI	Dwaign Tyndal	https://ace-ej.org/commonwealth-beacon-dark-side-ai/	Feb 2025	News
The Cloud Next Door: Investigating the Environmental and Socioeconomic Strain of Datacenters on Local Communities		https://arxiv.org/abs/2506.03367	June 2025	Report
Meta's AI Buildout Will Require More Than 2 Gigawatts of New Gas-Fired Electricity — At Least	Matthew Zeitlin	https://heatmap.news/sparks/meta-pro-metheus-hyperion-gas	July 14, 2025	News
Hundreds of old EV batteries have new jobs in Texas: Stabilizing the power grid	Arcelia Martin, Inside Climate News	https://www.ksat.com/news/texas/2025/08/06/hundreds-of-old-ev-batteries-have-new-jobs-in-texas-stabilizing-the-power-grid/	August 6, 2025	News
The Unpaid Toll: Quantifying the Public Health Impact of AI		https://arxiv.org/abs/2412.06288	December 9, 2024	Academic study
AI Data Centers in Your Backyard: Who Is at Risk?	Center for Progressive Reform	https://progressivereform.org/events/ai-data-centers-in-your-backyard-webinar/	July 22, 2025	Webinar recording and slides

Background Reading, News, Research

Artificial Power: 2025 Landscape Report	AI Now Institute	https://ainowinstitute.org/publications/research/ai-now-2025-landscape-report	June 3, 2025	Report
Trump details \$90B AI plan to transform Pennsylvania grid	Christa Marshall, Jason Plautz, E&E News	https://www.eenews.net/articles/trump-details-90b-ai-plan-to-transform-pennsylvania-grid/	July 16, 2025	News
Data center flexibility can save money but may come with higher emissions: MIT	Robert Walton, Utility Dive	https://www.utilitydive.com/news/data-center-flexibility-can-save-consumers-money-but-may-come-with-higher-emissions-MIT/756266/	July 30, 2025	News
Data centers in Michigan and Wisconsin	Wisconsin Green Muslims, Michigan Green Muslims, RE-AMP	https://wisconsinngreenmuslims.org/data-centers/	May 30, 2025	Report
We Need to Talk About AI's Impact on Public Health Data-center pollution is linked to asthma, heart attacks, and more	Adam Wierman-Professor Caltech, Shaolei Ren- Professor UC Riverside	AI's Hidden Threat to Public Health - IEEE Spectrum	May 1, 2025	News
Who Really Pays for Data Centers Powered By Fossil Fuels?	Maria Chaves, Union of Concerned Scientists	https://blog.ucs.org/maria-chavez/who-really-pays-for-data-centers-powered-by-fossil-fuels/	Jul 23, 2025	News
Global data center expansion and human health: A call for empirical research		https://www.sciencedirect.com/science/article/pii/S2772985025000262#bib4	Jul 25, 2025	Journal Article
\$64 billion of data center projects have been blocked or delayed amid local opposition		https://www.datacenterwatch.org/report	Mar, 2025	Report
The Trump AI Action Plan is Deregulation Framed as Innovation	J.B. Branch, Ilana Beller, Tyson Slocum	https://www.techpolicy.press/the-trump-ai-action-plan-is-deregulation-framed-as-innovation/	Jul 30, 2025	News

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In race to attract data centers, states can forfeit hundreds of millions of dollars in tax revenue to tech companies –	Paige Tortorelli, CNBC, Pippa Stevens, CNBC and Agne Tolockaite, CNBC	https://www.nbcnewyork.com/news/business/money-report/in-race-to-attract-data-centers-states-forfeit-hundreds-of-millions-of-dollars-in-tax-revenue-to-tech-companies/6309623/	June 20, 2025	News
UNCERTAINTY AND UPWARD BIAS ARE INHERENT IN DATA CENTER ELECTRICITY DEMAND PROJECTIONS	London Economics International	https://www.selc.org/wp-content/uploads/2025/07/LEI-Data-Center-Final-Report-07072025-2.pdf	July 7, 2025	Report
Electricity costs rise amid data center boom	Axios, U.S. Energy Information Administration	Electricity costs rise amid data center boom	August 2025	Report
Cloudy with a Loss of Spending Control: How Data Centers Are Endangering State Budgets	Good Jobs First	https://goodjobsfirst.org/cloudy-with-a-loss-of-spending-control-how-data-centers-are-endangering-state-budgets/	April, 2025	Report
Tucson City Council pulls plug on Amazon's Project Blue		https://www.tucsonsentinel.com/local/report/080625_project_blue/tucson-city-council-pulls-plug-amazons-project-blue/	Aug 6, 2025	News
Sand Springs Wastewater Treatment and water capacity		https://www.sandspringsok.gov/218/Wastewater-Treatment		