



The Oregon Conservancy Foundation

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2026 OCF Resource Guides

“NUCLEAR POWER UNAFFORDABLE AT ANY SIZE”

1. Nuclear Power Accidents - Nuclear Weapons Production - Radiation Releases:
 - a. [Manual for Survival: A Chernobyl Guide to the Future](#) by Kate Brown, MIT historian
 - b. [Atomic Days: Untold Story of the Most Toxic Place in America](#) by Joshua Frank
 - c. [Gender & Ionizing Radiation](#), UNIDIR 11/20/24
 - d. [NGO response to Trump Executive Order weakening Radiation Standards](#), 11/12/25
2. Siting Nuclear Plants in Oregon - Federal Laws - Taxpayer Subsidies - Executive Orders:
 - a. [\(ORS\) 469.590 to 469.601](#), Oregon's 1980 Statutory Ballot Measure Law
 - b. [Biden signs ADVANCE Act. Now what?](#), [Beyond Nuclear International](#), 7/14/24
 - c. [Biden approves extension of Price-Anderson Act](#), [Beyond Nuclear](#), 3/27/24
 - d. [Permanent Subsidy?-Nuclear's Price-Anderson Act-\(5 Extensions, 89 years\)](#) 7/10/24
 - e. [Trump plan for fast-tracking nuclear power takes aim at regulators](#), WP, 5/23/25
 - f. [A Superhighway To Nuclear Hell](#) by Linda Pentz Gunter, Beyond Nuclear, 6/2/25
3. Nuclear Power Economics - Risk:
 - a. [The End of DOE's Flagship SMR —A Cautionary Tale](#) - Stephanie Cooke Nov 17, 2023
 - b. [SMRs Still Too Expensive Too Slow Too Risky](#), IEEFA 5/29/24
 - c. [Nuclear Is Not The Solution-The Folly Of Atomic Power](#) by M. V. Ramana, 7/30/24
 - d. [Plant Vogtle - The True Cost Of Nuclear Power In The United States, 2025 PDF](#)
 - e. [One Nuclear Energy's Start With Natural Gas Is Not A Climate Solution](#), 10/23/25
 - f. [The Next Nuclear Renaissance?](#) The CATO Institute, Fall 2025
 - g. [Nuclear's Costly Comeback Meets Harsh Market Reality](#), By Leon Stille - 11/ 21/25
4. Is Nuclear Clean Energy - Reprocessing Spent Fuel - High Level Radioactive Waste
 - a. [Nuclear Energy is Dirty Energy \(and does not fit into a 'clean energy standard'\)](#) NIRS
 - b. [The Forgotten Faces on the Uranium Trail](#) by Linda Pentz Gunter, 6/12/24
 - c. [Trump's nuclear 'renaissance' rests on risky plan for radioactive waste](#) 9/22/25 TWP
5. Advanced Reactors
 - a. [Amazon Unveils 'Cascade'—Energy Northwest's Xe-100 SMR Project, Targeting Construction by 2030](#), by POWER, 10/15/25
 - b. [Advanced" Isn't Always Better - Assessing the Safety, Security, & Environmental Impacts of Non-Light-Water Nuclear Reactors](#) Union of Concerned Scientists, 3/18/21
6. Energy Alternatives to Nuclear Power That Can Help Save Our Climate:
 - a. [No Miracles Needed](#) by Mark Z. Jacobson ||| [1/23/23, Guardian Interview](#) ||| [7 reasons why new small & large nuclear is useless](#), 10/12/25
 - b. [Reinventing Fire](#) by Amory Lovins ||| [Guardian Interview](#), 3/26/22

Nuclear is empirically slower, less certain of getting built, less certain of working properly, there are a lot of lemons, Trojan was one, and also more expensive. And therefore just do the math: If something costs more per kilowatt hour, that means you get fewer kilowatt hours per dollar, therefore it will replace less fossil fuel generation per dollar, therefore it makes the problem worse. This is really simple logic, and claiming we need everything because the problem is urgent is exactly backwards, because the more climate change is an urgent problem, the more we need to invest judicially, not indiscriminately... (Emphasis added!) –Amory Lovins, Adjunct Professor, Stanford University addressing [Eugene City Club, 2/4/22](#)

ATOMIC CONVERGENCE

ARTIFICIAL INTELLIGENCE & NUCLEAR POWER



1. Data Center Costs & Subsidies:
 - a. [At \\$1 billion, Amazon's Oregon subsidy is largest known in company's history](#) 5/19/23
 - b. [Shutting Down Data Center Subsidies](#), GOOD JOBS FIRST
 - c. [AI Meets Natural Stupidity: Managing the Risks](#), by Amory Lovins 5/10/25.
 - d. [Exposing The Dark Side of America's AI Data Center Explosion](#) Business Insider 9/12/25
2. Data Center Energy Consumption and Environmental Impacts:
 - a. [Explained: Generative AI's environmental impact](#) MIT News 1/17/25
 - b. [Big data centers, big problems: The surging environmental & consumer costs of AI, crypto & big data](#), US PIRG, 1/2025
 - c. [A Climate Hawk's Guide To Northwest Data Centers](#) by Sightline Institute, May 2025
 - d. [Data Center Energy Needs Could Upend Power Grids & Threaten Climate](#), EESI 6/25/25
 - e. [How AI Boom Threatens To Entrench Fossil Fuels & Compromise Climate Goals](#), 10/ 2025
 - f. [The AI power struggle: Data centers are in a desperate search for energy](#), 10/25/24 TST
 - g. [A humming annoyance or jobs boom? Life next to 199 data centres](#), BBC, 10/25/25
 - h. [Behind AI Hype, Climate Consequences](#), Common Dreams article with links, 11/10/25
3. Data Center Water Use:
 - a. [Data centers putting strain on Oregon town's water supply](#) 12/30/25
 - b. [Data Centers and Water Consumption](#) by EESI, Miguel Yañez-Barnuevo, 6/25/25
 - c. [There are many ways to minimize water use related to AI operations, but they may not be what you think](#) by Shaolei Ren, Amy Luers 10/7/25, [OECD.AI](#).
 - d. [I Live Next Amazon's Largest Data Center-They're Stealing Our Water](#) More Perfect Union
 - e. [Amazon strategised about keeping its datacenters' full water use secret, leaked document shows](#), The Guardian Sat 10/25/25
4. The Danger Of Artificial Intelligence (AI)
 - a. [An Overview of Catastrophic AI Risks](#), Center for AI Safety, 2024 Impact Report
 - b. [Machines Are Learning & They're Learning to Be Fascists](#), by Thom Hartmann 5/12/25
 - c. [Information Armageddon" Threatens Democracy](#) Nobel Laureate Maria Ressa at UN, 9/22/25. + Speech [At Vatican](#) 1/1/25 & [National Press Club Australia](#) 9/1/25.
 - d. [Empire of AI - Dreams and Nightmares in Sam Altman's Open AI](#) by Karen Hao, 5/20/25
 - e. [Silicon Valley Insider EXPOSES Cult-Like AI Companies](#), Meet Karen Hao 6/29/25
 - f. [Godfather of AI WARNS: "You Have No Idea What's Coming"](#) Geoffrey Hinton, 9/27/25
 - g. [What OpenAI Doesn't Want You to Know](#) More Perfect Union, 7/2/25
 - h. [I Worked At Palantir: The Tech Company Reshaping Reality](#) More Perfect Union, 4/17/25
 - i. [Robots Are Not Here, But AI Is Supercharging US Militarism](#), Nicholas Rabb, 10/10/25
5. AI & Nuclear
 - a. [Amazon is helping build one of the 1st modular nuclear reactor facilities in the US](#) 10/16/25
 - b. [Big tech, bigger lies](#) by M.V. Ramana, 11/10/24
 - c. [Nuclear power is failing, and AI can't rescue it](#) by Amory Lovins, 9/5/25
 - d. [No, We Don't Need a New Manhattan Project for AI](#) by Eric Ross, 6/5/25

It is not too much to expect that our children will enjoy in their homes electrical energy "too cheap to meter..."
Lewis Strauss, Chair, Atomic Energy Commission, 9/16/1954

Intelligence "too cheap to meter" is well within grasp.
Sam Altman, Chief Executive Officer of OpenAI, 6/10/2025