[1] 10kg * 24MJ/kg (energy content of coal) * 45.5% (efficiency of coal fired power plants) * (5/18) = 91/3 kWh = 91000/3 Wh

[2] (91000/3)Wh/2.9Wh (average power usage of chatGPT query) =10459.7701149, rounded. Goldman Sachs. (2024, April 28). *AI, data centers and the coming US power demand surge.*

[3] (91000/3)Wh/140Wh (power usage of writing a 100 word email on ChatGPT) = 216.67, rounded: Verma, P., & Tan, S. (2024, September 18). A bottle of water per email: The hidden environmental costs of using AI chatbots. *The Washington Post.*

[4] Halper, E. (2024, October 12). A utility promised to stop burning coal. Then Google and Meta came to town. *The Washington Post.*

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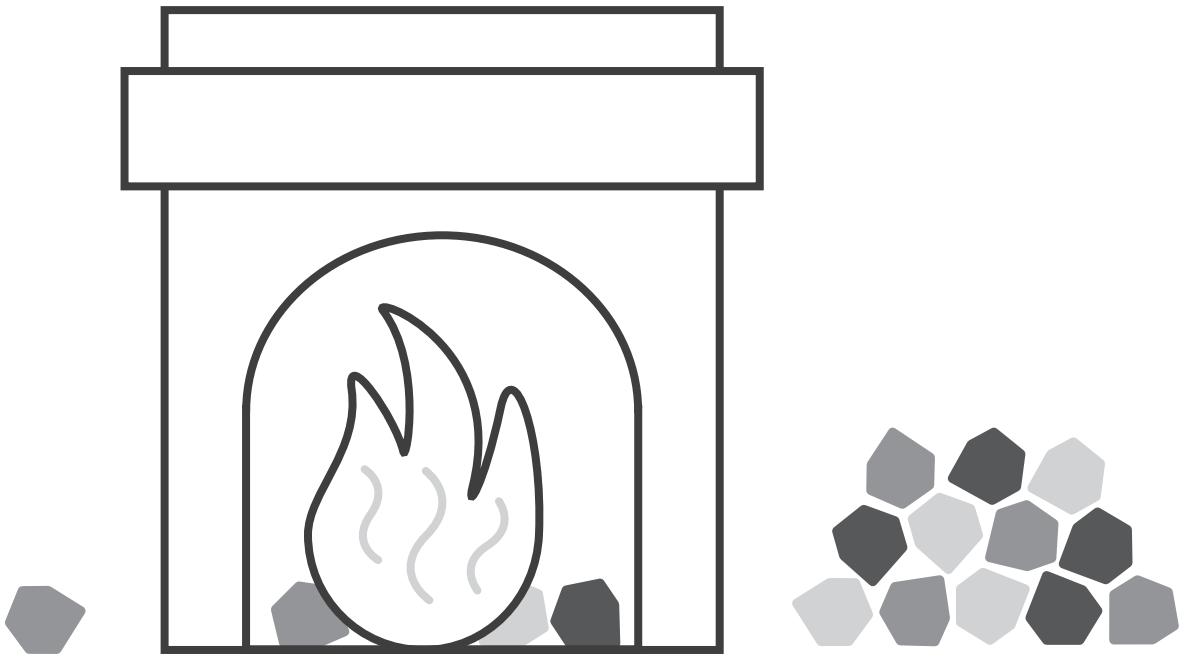mastodon.social/@savetheAI

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