

CIVL 250 Project Assignment 2

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(Pablo Rosado Hannah Ritchie and Max Roser, “Nuclear Energy,” <https://ourworldindata.org/nuclear-energy>)

An extremely clear and detailed overview of the high level concerns and upsides of using nuclear power, namely the low cost, high safety, nuclear waste and risk of large profile disasters.

(Statista, “U.S. electricity production costs,” 2014, <https://www.statista.com/statistics/184712/us-electricity-production-costs-by-source-from-2000/>)

Cost comparison between nuclear and other forms of energy, in this case it beats out coal, gas and petroleum.

(Institute for Energy and Environmental Research, “Uranium: Its Uses and Hazards,” <https://ieer.org/resource/factsheets/uranium-its-uses-and-hazards/>)

Explanation of the lifecycle and uses of Uranium and it’s risks in the context of nuclear power.

(World Nuclear Association, “US Nuclear Power Policy,” 2023, <https://www.world-nuclear.org/information-library/country-profiles/countries-t-z/usa-nuclear-power-policy.aspx>)

Extremely detailed dive into the regulation landscape of the US nuclear policy, which is very relevant to Canada given how closely most regulations are tied to those of the US.

(Ann S. Bisconti, “Public opinion on nuclear energy: what influences it,” 2016, <https://thebulletin.org/2016/04/public-opinion-on-nuclear-energy-what-influences-it/>)

A discussion about surveys on public nuclear power opinions, which gives insight into the steps that would have to happen to gain public approval and acceptance.

References

Statista. “U.S. electricity production costs,” 2014. <https://www.statista.com/statistics/184712/us-electricity-production-costs-by-source-from-2000/>.

Bisconti, Ann S. “Public opinion on nuclear energy: what influences it,” 2016. <https://thebulletin.org/2016/04/public-opinion-on-nuclear-energy-what-influences-it/>.

Association, World Nuclear. “US Nuclear Power Policy,” 2023. <https://www.world-nuclear.org/information-library/country-profiles/countries-t-z/usa-nuclear-power-policy.aspx>.

Energy, Institute for, and Environmental Research. “Uranium: Its Uses and Hazards.” <https://ieer.org/resource/factsheets/uranium-its-uses-and-hazards/>.

Hannah Ritchie, Pablo Rosado, and Max Roser. “Nuclear Energy.” <https://ourworldindata.org/nuclear-energy>.