

# OPPS-33 Net Zero: Cost-Benefit Analysis - Summary

OPPS-32 – Liberal – Net Zero – Cpst Benefit  
 OPS-55 – The State of Climate Science  
 PSS-6 – Climate Change – Quick Cost-Benefit Analysis

This slide summarizes various Net Zero expenditure estimates, and the climate impact on temperatures and Canadian GDP. The cost/benefit analysis (bottom block to the right) focuses on the Canadian Federal government's own estimates for expenditures and GDP impact (☀️) and the temperature impact (☀️). Canadian taxpayers will be spending \$0.28 trillion more than we are saving (undiscounted) and \$1.93 trillion more when all monies are discounted at 3%. That makes NO economic sense! Especially given that the temperature rise averted will be insignificant and unmeasurable (0.004 °C, using the IPCC “science”). That is roughly \$10 trillion for every 1/100<sup>th</sup> of a °C. That makes ZERO economic sense! All based on government capital and GDP estimates. Independent estimates put the expenditures significantly higher, and the temperature improvements are likely overstated given they are based on the IPCC “science” and/or the IPCC computer models that are self-acknowledged to “run way too hot” and use unrealistically high emission scenarios (i.e.: RCP8.5). Sadly, the costs do not end if we were to achieve Net Zero by 2050. We need to physically replace our Net Zero infrastructure (wind turbines, solar farms, batteries, electric vehicles, etc.) every ±25 years (assuming we have the material supply chain, we do not). That layers on another ±\$8 trillion to the burden Canadian taxpayers (our children and grandchildren) will have to carry. Effectively, every dollar we spend on Net Zero goes directly to our national debt. Note, post-2050, those dollars no longer reduce global temperatures since we are supposedly already at Net Zero!

**Estimated Net Zero Expenditures (to 2050, from a variety of sources)**

<b>Mark Carney's Election Campaign Estimate:</b>	Canada's 1.5% share – 2.0 trillion CDN\$
<b>Canadian 2022 Federal Budget Estimate:</b>	Canada's 1.5% share – 3.9 trillion CDN\$
<b>McKinsey &amp; Company:</b>	275 trillion US\$ (380 trillion CDN\$) Canada's 1.5% share – 5.7 trillion CDN\$
<b>Vaclav Smil (Fraser Institute):</b>	400 trillion US\$ (552 trillion CDN\$) Canada's 1.5% share – 8.3 trillion CDN\$
<b>Bjorn Lomborg (Paris Accord):</b>	170 trillion US\$ (235 trillion CDN\$) Canada's 1.5% share – 3.5 trillion CDN\$

**Estimated Averted Temperatures (from a variety of sources)**

<b>Lindzen et al 2024 (using CO<sub>2</sub>'s theoretical warming capacity):</b>	0.07 °C	Canada's 1.5% share – 0.001 °C
<b>Bjorn Lomborg (Paris Accord 2100 Commitments) :</b>	0.17 °C	Canada's 1.5% share – 0.00255 °C
<b>Lindzen et al 2024 (using the IPCC's +ve H<sub>2</sub>O vapor feedback):</b>	0.28 °C	Canada's 1.5% share – 0.004 °C
<b>Ross McKittrick (Fraser Institute):</b>		Canada's 1.5% share – 0.007 °C
<b>Bjorn Lomborg (2025 National Post article, using the IPCC models):</b>		Canada's 1.5% share – 0.017 °C

**Climate Change & Canadian GDP (Source: Federal – Parliamentary Budget Office (PBO))**

The PBO ran three scenarios (one with no ‘Climate Change’ damage, one with full ‘Climate Change’ damages (using the unrealistically high RCP8.5 emission scenario) and one with full global compliance to the 2015 Paris Accord). ‘Climate Change’ damages will reduce Canada’s GDP by 6.6% by the turn of the century. Full Global Paris Accord Compliance will reduce the ‘Climate Change’ damage by just 0.8% to 5.8%. Assuming Canadian GDP grows by 2%/year, our GDP growth (by 2102) would be 371.4% (\$9.76 trillion) instead of 378.0% (\$9.90 trillion).

<b>PBO – Climate Change damage:</b>	2102 - \$140 billion	2022 to 2102 - \$3.64 trillion, (\$0.70 trillion, discounted at 3%)
<b>PBO – Paris Improvements:</b>	2102 - \$17 billion	2022 to 2102 - \$0.44 trillion, (\$85 billion, discounted at 3%)

**Cost/Benefit Analysis (Canadian Federal 2022 Budget – PBO 2022 GDP Analysis)**

<b>Canadian 2022 Federal Budget Expenditure Estimate:</b>	2023 to 2050 - \$3.92 trillion, (\$2.63 trillion, discounted at 3%)
<b>PBO – Climate Change damage:</b>	2102 - \$140 billion 2023 to 2102 - \$3.64 trillion, (\$0.70 trillion, discounted at 3%)

**Cost/Benefit Summary (using Lindzen et al's estimate based on IPCC “science”)**

- Canadians will be spending \$3.92 trillion to offset \$3.64 trillion of ‘Climate Change’ damage (undiscounted)
- Canadians will be spending \$2.63 trillion to offset \$0.70 trillion of ‘Climate Change’ damage (discounted @ 3%)
- Canadians will be spending \$3.92 trillion to slow the 2100 temperature rise by 0.004 °C (\$9.8 trillion per 1/100<sup>th</sup> of a °C)

The Cost/Benefit (using Federal Government Estimates) is very clear. Ignoring the time value of money, the Canadian taxpayer will waste \$280 billion fighting ‘Climate Change’. Discounting money values at 3%, balloons the waste estimate up to \$1.93 trillion. And all to reduce temperature rise by an insignificant, unmeasurable 0.004 °C. ©-RJD-2025

**NO Net Zero Cost/Benefit**