

Model for the Assessment of Greenhouse-gas Induced Climate Change
(MAGICC)

**100% reduction in Pennsylvania's CO2 emissions:
0.004°F temperature increase averted by 2050**

(Based on EPA calculations)

Carbon Tax Temperature-Savings Calculator

Region
 U.S. Industrialized Countries

CO2 Reduction (%)
 0 20 40 60 80 100

Climate Sensitivity (C)
 1.5 2 3 4.5

GLOBAL TEMPERATURE RISE AVERTED	Pennsylvania
United States	(4.2% of US)
2050: 0.052°C	2050: 0.002°C
2100: 0.137°C	2100: 0.006°C

Model for the Assessment of Greenhouse-gas Induced Climate Change (MAGICC) - developed by scientists at the National Center for Atmospheric Research under funding by the U.S. Environmental Protection Agency - scenario A1B from the IPCC's Special Report on Emissions Scenarios (SRES). Scenario A1B is a middle-of-the-road emissions pathway which assumes rapid carbon dioxide emissions growth during the first half of the 21st century and a slow CO2 emission decline thereafter.

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It is dangerous to be right in matters where established men are wrong.— Voltaire