

Disproving the second law of Thermodynamics?

A recent study, [highlighted earlier on Greenie Watch](#), claimed to have recorded the signature of global warming cum climate change cum climate disruption via the re-radiated energy coming from atmospheric carbon dioxide (CO₂). From it I quote the following pertinent sections:

"They say it confirms the science of climate change and the amount of heat-trapping previously blamed on carbon dioxide. 'We see, for the first time in the field, the amplification of the greenhouse effect because there's more CO₂ in the atmosphere to absorb what the Earth emits in response to incoming solar radiation,' said Daniel Feldman, a scientist in Berkeley Lab's Earth Sciences Division and lead author of the Nature paper.

'Numerous studies show rising atmospheric CO₂ concentrations, but our study provides the critical link between those concentrations and the addition of energy to the system, or the greenhouse effect,' Feldman adds. He said no one before had quite looked in the atmosphere for this type of specific proof of climate change."

There you have it; they have disproved the second law of TD in one easy session without further ado!

The authors seem not concerned that amplification and the addition of energy require new energy, which they claim comes off atmospheric CO₂. If engineers are made aware of this extraordinary property of CO₂ they will surely be able to design equipment to capture and double the available energy output. If it were true then CO₂ would be used in industry as an energy source, which of course it isn't. But it is widely used as a COOLANT, with new applications being researched right now - e.g. [here](#)

CO₂ does indeed cause more cooling, although that is by only a tiny amount, but it's all that CO₂ can do. See [here](#)

A scientific fact is that neither the greenhouse effect nor any climate forcing parameter exist in the open to space atmosphere in which we all live, despite all that you read. Both require energy or create energy out of thin air, literally, see the K&T earth energy budget, where the atmosphere is depicted as source of energy with even more power than the sun itself.

Hans Schreuder, March 2015