



New Energy Times

January 29, 2019

Dear FuseNet Board of Governors and FuseNet Academic Council,

I am satisfied that your correction today to your [ITER Web page](#) communicates to students and members of the public the expected power performance of the ITER reactor with sufficient accuracy, honesty, and transparency.

We began seven months ago with your claim: "The fusion reactor itself has been designed to produce 500 MW of output power for 50 MW of input power, or ten times the amount of power put in."

We arrived today with your correction: "The fusion reactor itself has been designed to produce a plasma with 500 MW of thermal output power for 50 MW of net injected power, a plasma power amplification factor of ten ($Q=10$)."

I certainly agree with your point about the retention of the helium-4 energy. I suppose you could change the 500 MW value to 400 MW to make the statement slightly more accurate. However, I consider it reasonable to account for the theoretical blanket increase of 1.34, which would amplify the 400 MW neutron output resulting in a total thermal output of 536 MW. I leave that remaining detail to your best judgment.

Kind regards,

Steven Krivit

Publisher and Senior Editor, *New Energy Times*