



New Energy Times

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Fatih Birol
Executive Director
International Energy Agency
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Dear Mr. Birol,

A global misrepresentation of the projected results from the ITER fusion reactor has occurred. Your organization has unknowingly been a participant in this deception.

I encourage you to have corrections made on the IEA Web site (see following page) so that your organization's claims are described accurately and transparently for the public.

I would appreciate receiving a response from you indicating your intentions.

Thank you sir,

Steven Krivit
Publisher and Senior Editor, *New Energy Times*

URL: <https://www.iea.org/tcp/fusionpower/ctp/>

STATEMENT: "ITER is expected to produce approximately 500 MW of electricity from an input of 50 MW."

ISSUE #1: ITER is not designed to produce any electricity; only thermal power.

ISSUE #2: The statement that ITER is designed to produce 500 MW from a 50 MW input is false. According to its design specification, the ITER reactor is expected to produce about the same amount of power as put into the reactor. The projected gross thermal output power is 500 MW. The projected input electrical power is 300 MW. The projected output power will be 1.8 times more than the input power. But this is not the most accurate way to compare output to input. This calculation does not compare apples to apples. A more accurate method to compare the output to input is to convert the reactor's thermal output power (~500 MW) to the equivalent electrical output power at 40% efficiency. Using this method, the ITER reactor will not generate any net power. (Please see the detailed values and graph in Appendix A.)