



New Energy Times

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Dr. Kijung Jung
Director, ITER Korea Domestic Agency

Dear Dr. Jung,

I see that you have made a significant improvement to the accuracy — for members of the public — of your ITER power claims. I would like to encourage you to continue in this positive direction.

On this page: <https://www.iterkorea.org/eng/0201>, you claim the primary objective of ITER:

"Developing and constructing a fusion plant producing 500 MW of fusion power - The fusion reactor itself has been designed to produce a plasma with 500 MW of thermal output power from 50 MW of net injected power, a plasma power amplification factor of ten ($Q=10$)"

The term "nuclear power plant" indicates a nuclear reactor that is designed to produce commercial power. This is not the purpose of ITER. Also, there is a 300% difference between the injected thermal power value for plasma heating and the electrical power value required for plasma heating. Because I know that you would wish to be precise, I suggest the following corrections:

Developing and constructing **an experimental fusion reactor** producing 500 MW of fusion power - The fusion reactor itself has been designed to produce a plasma with 500 MW of thermal output power from 50 MW of net injected **thermal** power, a plasma power amplification factor of ten ($Q=10$)

I also noticed that you did not correct the claim on this page: <https://www.iterkorea.org/030101>:

"fusion reactor with a heat output of 500 MW and an energy amplification factor of 10 or more."

Kind regards,

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

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