

Subject:Media Inquiry

Date:Wed, 29 Jul 2020 12:15:44 -0700

From:Steven B. Krivit <steven@newenergytime.com>

To:Laban.Coblentz@iter.org

CC:Sabina.Griffith@iter.org, Bernard.Bigot <Bernard.Bigot@iter.org>

Dear Mr. Laban Coblentz,

The ITER Organization press release dated July 28, 2020, contains the following statement:

"The plant at ITER will produce about 500 megawatts of thermal power. If operated continuously and connected to the electric grid, that would translate to about 200 megawatts of electric power, enough for about 200,000 homes.

This is a misleading claim because if the ITER reactor is operated continuously and connected to the electric grid, 500 megawatts of thermal power output would result in zero megawatts of usable electric power because the reactor, as designed, will consume 300 megawatts of input electricity during DT plasma operation. There is no question about the input power. [Multiple experts and sources](#) have confirmed that the reactor will require a minimum of 300 megawatts of input electricity during DT plasma operation.

Sabina Griffith's name is on the press release. I spoke with her about this matter earlier this morning and she had no explanation for the discrepancy. She said I had raised a good question and suggested that you could provide additional insight.

I would like to give you the opportunity to comment. If you would like to do so, please get back to me by Friday 5 PM Pacific time.

Thank you sir,

Steven

P.S.: There is no need to give me any background on the mission or primary design objective of the ITER reactor. I am intimately familiar with the IAEA design specification of the project. I will only be reporting on your direct response, if you choose to provide such, on the matter of this statement.

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