



Vinay Kumar <vinaykumaar.a@gmail.com>

Request to Review Paper RE: Manuscript No. TPWRD-00371-2016, High-Frequency, Half-Wavelength Power Transmission Scheme

heydt@asu.edu <heydt@asu.edu>

Fri, Apr 1, 2016 at 1:21 AM

To: vinaykumaar.a@gmail.com, vinaykumar.a@griet.ac.in

Dear Mr. Awaar:

The Editorial Board of the IEEE Transactions on Power Delivery (PWRD) would be grateful for your assistance in reviewing the following paper (within 4 weeks).

TPWRD-00371-2016, High-Frequency, Half-Wavelength Power Transmission Scheme

The abstract is at the end of this email. I am aware of the burden this request is placing on you. However, your expertise in judging the quality of this paper is very valuable to the editorial board. We thank you in advance for your support to PWRD and your service to our common profession.

In case you are not familiar with the topic of this paper or you do not have adequate experience in reviewing papers, I recommend you decline this request.

Please indicate your response by clicking the appropriate link below.

Agreed: https://mc.manuscriptcentral.com/tpwr-d-pes?URL_MASK=06c7aef93c354bc0938fd0c7cdc019b6

Declined: https://mc.manuscriptcentral.com/tpwr-d-pes?URL_MASK=b98bbce3335841f5b114c308faa9140c

Unavailable: https://mc.manuscriptcentral.com/tpwr-d-pes?URL_MASK=1cca0945032944679d2aaf16782e3e2b

Yours sincerely,

Gerald Heydt
Editor, Transactions on Power Delivery

PS: Abstract of the paper
The half-wavelength power transmission scheme has some unique advantages and disadvantages for power transmission. This paper presents a new concept to take advantage of the scheme while overcoming its main limitation. The concept involves a power generation-transmission unit. This unit generates and transmits power at a specific high-frequency so that the distance between the generator and the receiving end is equal to half-wavelength of the voltage/current of the system. As a result, a faraway generator becomes electrically located at the receiving end as if there is no transmission line separating the sending and the receiving ends.