THE UNIVERSITY OF NEW MEXICO

To: Distribution List

From: Faculty Research Development Office (FRDO)
Office of the Vice President for Research

Subject: Limited Competition: DOE Office of Energy Efficiency and Renewable Energy (EERE) – Flexible Combined Heat and Power for Grid Reliability and Resiliency (DE-FOA-0001750)

Date: February 28, 2018

UNM Researchers,

The U.S. Department of Energy Office of Energy Efficiency and Renewable Energy (EERE) is requesting applications to their Combined Heat and Power for Grid Reliability and Resiliency solicitation.

The funding agency limits the number of proposals per institution to one per topic. Topics of interest for this specific program include: [1]Power Electronics and Control Systems and [2]Electricity Generation Components.

The U.S. Department of Energy's (DOE) Office of Energy Efficiency and Renewable Energy's (EERE) Advanced Manufacturing Office (AMO) seeks to conduct research and development activities to further the utilization of cost-effective, highly efficient combined heat and power (CHP). Further information about the objectives can be found in the solicitation which is accessible at https://eere-exchange.energy.gov/#FoaId584ea317-c588-4b85-bf33-6d21e94f1464.

Award sizes will range from $1 to 1.5 Million for up to 36 months in length. Applicants must submit a concept paper to the sponsor by March 23, 2018 to be eligible to submit a full application, which is due May 3, 2018.

This is a limited competition. For consideration, please send a cover page, PI(s) biosketch(es), and a two-page concept paper to limited@unm.edu by NOON on March 12, 2018. The cover page should include the title, key personnel and their department, and the specific FOA Topic Area being addressed. The concept paper must be in 12-point Times New Roman font with 1-inch margins and include:

- The proposed technology, including its basic operating principles and how it is unique and innovative;
- The proposed technology's target level of performance (applicants should provide technical data or other support to show how the proposed target could be met);
- The current state-of-the-art in the relevant field and application, including key shortcomings, limitations, and challenges;
- How the proposed technology will overcome the shortcomings, limitations, and challenges in the relevant field and application;
- The potential impact that the proposed project would have on the relevant field and application;
- The key technical risks/issues associated with the proposed technology development plan; and
- The impact that EERE funding would have on the proposed project.

Please distribute this notice to departments and individuals whom you believe would be interested.