[6450-01-p]

DEPARTMENT OF ENERGY

Notice of Recurring Public Meetings of the Supercritical CO_2 Oxy-combustion Technology Group

AGENCY: National Energy Technology Laboratory, Office of Fossil Energy, Department of Energy

ACTION: Notice of recurring public meetings.

SUMMARY: The National Energy Technology Laboratory (NETL) will host a public meeting via WebEx October 8, 2019, of the Supercritical CO_2 Oxy-combustion Technology Group, to address challenges associated with oxy-combustion systems in directly heated supercritical CO_2 (sCO_2) power cycles.

DATES: The next public meeting will be held on October 8, 2019, from 1:00 p.m. to 3:00 p.m. ET. NETL plans to hold meetings every two months. Future meetings will be announced on the Event page of the NETL web site: https://netl.doe.gov/events

ADDRESSES: The public meetings will be held via WebEx and hosted by NETL.

FOR FURTHER INFORMATION: For further information regarding the public meetings, or if you would like to receive email notifications on the occurrence of future meetings, please contact Seth Lawson by email at *Seth.Lawson@netl.doe.gov*, or by postal mail addressed to National Energy Technology Laboratory, 3610 Collins Ferry Road, P.O. Box 880, Morgantown, WV, 26507-0880. Please direct all media inquiries to the NETL Public Affairs Officer at (304) 285-0228.

Future meetings will be announced on the Event page of the NETL web site: https://netl.doe.gov/events

SUPPLEMENTARY INFORMATION:

Instructions and Information on the Public Meetings

The public meetings will be held via WebEx. The next public meeting on 10/8/2019 will begin at 1:00 p.m. and end at 3:00 p.m. NETL plans to hold meetings every two months. Future meetings will be announced on the Event page of the NETL web site: https://netl.doe.gov/events

Interested parties may RSVP, to confirm their participation and receive login instructions, by emailing *Seth.Lawson@netl.doe.gov*.

The objective of the Supercritical CO_2 Oxy-combustion Technology Group is to promote a technical understanding of oxy-combustion for direct-fired sCO_2 power cycles by sharing information or viewpoints from individual participants regarding risk reduction and challenges associated with developing the technology.

Oxy-combustion systems in directly heated supercritical CO_2 (SCO_2) power cycles utilize natural gas or syngas oxy-combustion systems to produce a high temperature SCO_2 working fluid and have the potential to be efficient, cost effective and well-suited for carbon dioxide (CO_2) capture. To realize the benefits of direct fired SCO_2 power cycles, the following challenges must be addressed: chemical kinetic uncertainties, combustion instability, flowpath design, thermal management, pressure containment, definition/prediction of turbine inlet conditions, ignition, off-design operation, transient capabilities, in-situ flame monitoring, and modeling, among others.

The format of the meetings will facilitate equal opportunity for discussion among all participants; all participants will be welcome to speak. Following a detailed presentation by one volunteer participant regarding lessons learned from his or her area of research, other participants will be provided the opportunity to briefly share lessons learned from their own research. Meetings are expected to take place every other month with a different volunteer presenting at each meeting. Meeting minutes shall be published for those who are unable to attend.

These meetings are considered "open-to-the-public;" the purpose for these meetings has been examined during the planning stages, and NETL management has made specific determinations that affect attendance. All information presented at these meetings must meet criteria for public sharing or be published and available in the public domain. Participants should not communicate information that is considered official use only, proprietary, sensitive, restricted or protected in any way. Foreign nationals, who may be present, have not been approved for access to DOE information and technologies.

Dated: August 1, 2019

Heather Quedenfeld

Associate Director, Coal

Technology Development &

Integration Center

National Energy Technology

Laboratory

[FR Doc. 2019-17206 Filed: 8/9/2019 8:45 am; Publication Date: 8/12/2019]