



Industrial Heating Equipment Association Member Benefit Summary Sheet

ihea.org
MAKING HEAT PROCESSES WORK

New Technologies

SUMMARY OF BENEFIT IHEA members stay tuned to emerging and most-current existing technologies within the process heating industry through:

- Partnership with the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (DOE-EERE) and its 16 National Laboratories, such as Lawrence Berkley and Oak Ridge.
- Continual interaction with the industry's technology leaders.
- Workshops and seminars organized by IHEA for the benefit of its members at annual meetings and other special gatherings.
- Close relationships with the process heating industry's technical publications and societies.

DETAILS OF BENEFIT

To provide its members with a competitive edge, IHEA makes it a priority to provide timely and useful technology information to its members.

Partnership with Department of Energy – In its Allied Partnership Program with the DOE and the Process Heating Steering Committee, IHEA helps steer and maintains involvement in projects affecting the heat processing industry at the National Labs, disseminating new information to members on an ongoing basis. Only IHEA members receive this information.—is this accurate? Accomplishments include:

- Development and release of Process Heating Assessment and Survey Tool (PHAST) for measurement of energy consumption and savings.
- Development and research of new sensors and controls technology developed at Lawrence Berkley and Los Alamos National Labs.
- Involvement with advanced materials research for high temperature alloys, insulation and refractories, and advanced ceramics conducted at Oak Ridge National Lab.
- Publication of the Process Heating Source Book and Technical Brief.
- Development of the "2020 Furnace Grand Challenge" program.

Access to Technology Leaders Inside IHEA – IHEA members have frequent access to technology leaders, while investing in the industry and in product/process developments, which keeps them on the leading edge of thermal processing technology. IHEA membership opens up avenues for personal and professional relationships with these leaders to discuss their technologies and how they may benefit the member's business. IHEA member companies own more than 100 U.S. patents.

Access to Technology Leaders Inside IHEA – IHEA members, which hold more than 100 U.S. patents, are technology leaders. To grow their businesses, they stay current on new technologies and refine existing thermal processing technologies to keep their edge.

Access to Technology Leaders Outside IHEA – IHEA seeks information on the latest technology for its members, providing information through speakers at regular events, or at specially arranged meetings if needed, all of which gives its members a competitive edge. IHEA membership opens up avenues for personal and professional relationships with thermal experts to discuss new technologies and how they may benefit the member's business.

Technical Information – Because of IHEA's close relationship with Process Heating and Industrial Heating magazines, the industry's leading trade journals, IHEA members have ready access to these publications – both for the gathering and dissemination of information. All IHEA members are eligible for free subscriptions to these publications.