EPRI's mission is to conduct research on key issues facing the electric power industry on behalf of its members, energy stakeholders, and society.

The Electric Power Research Institute, Inc. (EPRI) conducts research and development relating to the generation, delivery, and use of electricity for the benefit of the public. An independent, nonprofit organization, EPRI brings together its scientists and engineers as well as experts from academia and industry to help address challenges in electricity, including reliability, efficiency, health, safety, and the environment. EPRI also provides technology, policy, and economic analyses to drive long-range research and development planning, and supports research in emerging technologies. EPRI's members represent more than 90 percent of the electricity generated and delivered in the United States, and international participation extends to 40 countries. EPRI's principal offices and laboratories are located in Palo Alto, Calif.; Charlotte, N.C.; Knoxville, Tenn.; and Lenox, Mass.
THE POWER OF Collaboration

EPRI brings together its members with diverse scientific and technical communities to shape its research portfolio and execute its research, development, and demonstration programs. Membership and participation in EPRI programs provide opportunities to participate in leadership and advisory forums that drive research and development in the electricity sector. EPRI’s collaborative model creates multidisciplinary teams that may include EPRI scientists and engineers, their counterparts from EPRI’s members, and leading experts from academia and industry. The pooling of resources and the collaboration in every stage of R&D create financial and intellectual momentum that no one company could achieve in a single endeavor. For each dollar invested in an EPRI program, members and funders can realize as much as $10 worth of research, development, or technology demonstration.

More than 1,000 organizations in 40 countries currently fund EPRI programs aimed at solving critical energy and environmental issues to provide energy cleanly, safely, efficiently, and economically.

TECHNOLOGY Leadership AND INDUSTRY Expertise

EPRI’s balanced, comprehensive R&D portfolio encompasses more than 100 programs. Many of these lead to new technologies and to the transfer of those technologies to program participants. EPRI research is instrumental in operating utility assets and systems reliably, safely, and economically, while improving efficiency and asset life. EPRI also participates in and leads technology demonstration projects that are crucial in moving technology from laboratory testing toward commercial operation. Through EPRI’s broad-based membership and participation, its research collaboratives contribute to the development of standards and methodologies for deploying new technologies. The EPRI portfolio provides expertise across all major technical disciplines and from every stage of electricity generation, transmission, distribution, and end use.

BUILDING AN INDUSTRY Vision

Technology leadership begins with thought leadership. A critical part of EPRI’s mission is to think ahead—to identify issues, technology gaps, and broader needs that can be addressed by effective research, development, and demonstration programs. EPRI’s collaborative leadership and advisory bodies consider the needs of society, business and industry, and technologists. Their comprehensive vision includes a sustainable energy future through a transformed electricity system, helping to drive continued global economic development and environmental protection. Research and development priorities reflect this vision as they focus on both the present and the future of electricity.

A COMMITMENT TO Objectivity

EPRI’s research, development, and demonstration programs are managed by the Institute’s scientists and engineers, with funding provided largely by the electric utility industry. Both EPRI and its program funders are committed to ensuring that stringent standards of objectivity are met from conception through results. EPRI achieves this through:

- Its advisory structure, which includes a broad range of business, regulatory, academic, and environmental organizations, to guide EPRI in providing research that is credible, independent, and conducted in the public interest;
- Bringing to its programs respected independent research and technical authorities from around the world;
-Submitting results for rigorous, outside scientific review; and,
- Making the results of its research programs available to the public on a nondiscriminatory basis.