

# POWER QUALITY KNOWLEDGE DEVELOPMENT AND TRANSFER

A Supplemental Offering Under EPRI Program 1, Power Quality



## PROJECT HIGHLIGHTS

- A wealth of high-impact, readily accessible PQ resources
- MyPQ.epri.com, a comprehensive electronic resource, providing 24/7 access to more than 1,800 EPRI-authored PQ case studies, technical documents, training resources, standards references, indexes, conference presentations, and other resources
- Direct access to more than 1,000 person-years of on-staff EPRI PQ technical expertise via the PQ Hotline

## Background, Objectives, and New Learnings

Power Quality Knowledge offers a unique opportunity for improving utility economic performance, customer service, and operational excellence. Managing increased grid complexity, coupled with more demanding and sophisticated end-use customers, is of paramount importance.

With the ever-increasing use of sensitive digital and electronic equipment in today's economy, end-use customers are not only demanding higher quality power, but also are calling upon utilities to help resolve PQ problems within customer facilities.

## Benefits

This project offers many potential benefits, including:

- Extremely high value and high leverage resources for PQ managers, engineers, and technicians.
- Access to EPRI experts and a network with peers both inside and outside the utility industry.
- A wealth of high-impact PQ resources in a well-designed, readable, and accessible format, with a wide range of topics, written not only for use by busy PQ professionals, but also to be shared with important end-use customers and internal utility management.
- Support and enhancement of the program's website, MyPQ.epri.com, a comprehensive electronic resource with 24/7 access to more than 1,800 case studies, technical documents, standards references, indexes, conference presentations, and other PQ-related resources.
- Ultimately, a better-informed industry and improved power quality for customers overall.

## Project Approach and Summary

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This project seeks to find new information that electric service providers can use to cost-effectively meet customer and internal demands. It offers a comprehensive collection of technical and informational publications and products, educational forums, technical support, and web-based services. It also serves to build a foundation of knowledge regarding the latest PQ products and expert insights into power quality.

The project utilizes EPRI's extensive collaborative research in power quality to provide easy-to-use, informative resources for utility staff as well as materials they can use to inform end-use customers. It provides information and resource tools needed to help end-use customers minimize economic losses and more effectively compete in today's marketplace.

## Deliverables

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- PQ Hotline: Access to EPRI's PQ Hotline
- Power Quality Online Resources via MyPQ.epri.com: 24x7 access to more than 1,800 EPRI-authored PQ case studies, technical documents, training materials, standards references, indexes, conference presentations, online training, and other PQ-related resources
- Subscription to EPRI's PQ Knowledge Transfer Electronic Publications and Resources: EPRI's PQ Color Book, PQ Tech Watches PQ Strategies, PQ Hotline Call-of-the-Month, and PQ 2-Pager documents

## Price of Project

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Pricing for this project is tiered based on annual distribution GWh throughput as follows:

- Less than 7,500 GWh: \$10,000
- 7,500–20,000 GWh: \$20,000
- Greater than 20,000 GWh: \$35,000

The price for non-utilities or utilities without distribution metrics is \$35,000.

This project is eligible for tailored collaborative (TC) or self-directed funding (SDF).

## Project Status and Schedule

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The project is an annual subscription providing continuous EPRI PQ knowledge development and transfer of that information to members.

## Who Should Join

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Electric utilities interested in power quality.

## Contact Information

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For more information, contact the EPRI Customer Assistance Center at +1.800.313.3774 ([askepri@epri.com](mailto:askepri@epri.com)).

## Technical Contacts

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