



Worldwide Study of the Protective Relay Marketplace In Electric Utilities: 2009-2011

**NEWTON-EVANS
RESEARCH
COMPANY**



Volume I
North American Market

Volume II
International Market

Volume III
Market Assessment/Outlook

Volume IV
Supplier Profiles

Available April 2009

This report series provides worldwide marketing information enabling suppliers to formulate effective product and marketing plans to participate successfully in the major growth market areas for protective relays in electric utilities.

Summary:

The *Worldwide Study of the Protective Relay Marketplace in Electric Utilities: 2009-2011* will be the sixth international study researched and published by Newton-Evans Research Company on the topic of protective relays. The study will measure current market sizes and contains projections, on a world region basis, for the next several years. The entire research program will define the product and market requirements which suppliers must meet in order to successfully participate in one or more of these diverse world market regions. The new study will yield valuable 2009 market sizing estimates and projections for relay and relay controls suppliers.

Methodology:

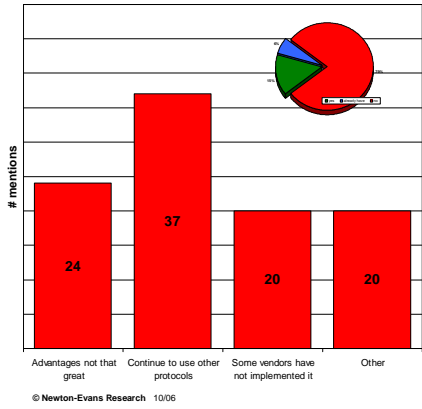
Field survey work is conducted using a mix of primary research methods, including personal interviews, faxes, e-mail and follow-up telephone interviews by Newton-Evans Research Company staff. In addition to discussions with utility specialists, managers and influencers, Newton-Evans conducts interviews with protective relay industry officials to gather management impressions about the size, scope, direction and trends in the relay business. Discussions and information exchanges with international suppliers provide additional market insight.

About Us:

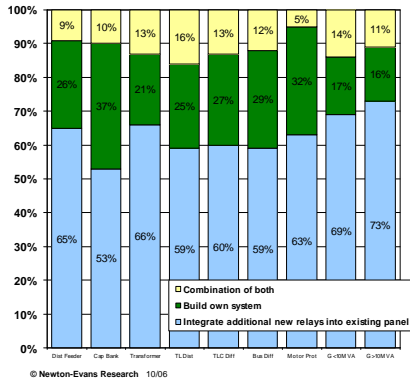
Since 1978, Newton-Evans has been conducting business-to-business survey research for both multi-client and proprietary studies focused on energy industry automation, information technology, and infrastructure topics. The firm also provides business consulting services for clients in the computer, communications, control systems and engineered products areas.

While continuing to serve a broader energy industry audience, Newton-Evans Research Company has developed a special focus on the worldwide electric power industry. Newton-Evans is recognized as a world leader in the technical marketing research of the electric power delivery industry's use of computers, communications, control systems, and technical equipment and products.

Reasons chosen for NOT embracing IEC 61850 in the near future



Purchasing policies for protective relay systems – LOOSE RELAYS



Key Issues Addressed:

- Number of Protective Relays to be Purchased over the 2009-2011 Time Frame
- Three-Year Budget Allocations for Protective Relays
- Reasons for Using/Planning to Use Digital Relay Protection
- Type of Relay Scheme Redundancy in Use/Planned for Use in Digital-Based Relaying Terminals
- Four-Year Forecast of Planned Distribution Relay Purchases by Application
- Purchasing Policies for Protective Relay Systems
- Systems to Which Relay Data is Transmitted
- Communications Requirements for Access to Relay Data
- Average Percentage of Digital Relays in Installed Base and Planned for New and Retrofit Applications Purchases
- Need for Future Installations Using Modern IED Relays Connected to a Digital System
- External Assistance Needed for Various Relay-Related Activities
- Ranking of Relay Manufacturers by Specific Attribute Categories
- Need for Increasing Integrated Functionality in a Relay

Ordering Information

To order this report, complete this form and return it to us via fax or email with your credit card or purchase order information. Our fax number is 1-410-750-7429 (toll free inside the United States: 1-800-847-1877); email requests may be sent to eleivo@newton-evans.com. You may also send a check or money order with this form to **Newton-Evans Research Company, Inc., 10176 Baltimore National Pike, Suite 204, Ellicott City, MD 21042, USA**. For further information or to speak with a sales representative, call us at 1-410-465-7316 (toll free 1-800-222-2856). www.newton-evans.com

Available April 2009

The Worldwide Study of the Protective Relay Marketplace in Electric Utilities: 2009-2011 **Complete Set:** **\$5,750**
 Volume 1: North American Market \$1,850 Volume 2: International Market \$1,850
 Volume 3: Market Forecast/Assessment \$1,850 Volume 4: Supplier Profiles \$500

Please provide our report via: CD-Rom Email

Name: _____ Title: _____
 Company: _____ Email: _____

Mailing Address: _____
 City: _____ State/Province: _____ Postal/Zip: _____
 Country: _____ Phone: _____ Fax: _____

Check for \$ _____ USD is enclosed

Credit Card Type: Visa Mastercard American Express Discover

Credit Card #: _____ CVV2 Code: _____ Exp. Date: _____
 Name on Card: _____ Signature: _____

Address for Card: Same as mailing address
 Other: _____