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IEEE Recommended Practice for Managing Natural Disaster Impact on Key Electrical Systems and Installations in Petroleum and Chemical Facilities

IEEE Industry Applications Society

Sponsored by the
Petroleum and Chemical Industry Committee

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IEEE Std 1716™-2014

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IEEE-SA Standards Board

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Abstract: Recommendations and guidelines for managing natural disaster impact on key electrical facilities and systems in petroleum and chemical facilities are provided in order to minimize economic damage by pre-assessment risk evaluation of electrical facilities, by identification of mitigation techniques and system designs to minimize impact, and by outlining procedures for faster recovery of electrical systems after a natural disaster.

Keywords: disaster emergency management, IEEE 1716™, recovery

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Recommendations and guidelines for managing natural disaster impact on key electrical facilities and systems in petroleum and chemical facilities are provided in order to minimize economic damage by pre-assessment risk evaluation of electrical facilities, by identification of mitigation techniques and system designs to minimize impact, and by outlining procedures for faster recovery of electrical systems after a natural disaster.

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