

## Standard PRC-018-1 — Disturbance Monitoring Equipment Installation and Data Reporting

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### Standard Development Roadmap

*This section is maintained by the drafting team during the development of the standard and will be removed when the standard becomes effective.*

This proposed standard is a translation of planning measure I.F.M2 and I.F.M4, which were not included in the approval Version 0 reliability standards because they required further work.

#### Development Steps Completed:

1. A SAR was posted from December 2, 2004, through January 7, 2005.
2. The SAC appointed a standard drafting team on January 13, 2005.
3. The drafting team posted its response to SAR comments and all other historical comments on April 19, 2005.
4. The drafting team posted Draft 1 of the standard on April 21, 2005.
5. The drafting team posted Draft 2 of the standard on September 1, 2005.

#### Description of Current Draft:

This is the 3<sup>rd</sup> draft of the standard to be posted for industry comment from December 1, 2005–January 17, 2006.

#### Future Development Plan:

Anticipated Actions	Anticipated Date
1. Review comments from industry posting; post consideration of comments.	January 17–30, 2006
• Post standards and implementation plan for 30-day pre-ballot review.	February 1–March 2, 2006
2. Conduct 1 <sup>st</sup> ballot.	March 2–12, 2006
3. Consider comments submitted with 1 <sup>st</sup> ballot; post consideration of comments	March 13–18, 2006
4. Conduct 2 <sup>nd</sup> ballot.	March 18–March 28, 2006
5. Post standards and implementation plan for 30-day review by Board.	March 1–30, 2006
6. Board adoption date.	April 6, 2006
7. Effective dates: <ul style="list-style-type: none"><li>– 100% compliant Requirement 2 through Requirement 5 for already installed DME</li><li>– 25% compliant with Requirement 1</li><li>– 50% compliant with Requirement 1</li><li>– 75% compliant with Requirement 1</li><li>– 100% compliant with Requirement 1</li></ul>	October 1, 2007  April 1, 2008  April 1, 2009  April 1, 2010  April 1, 2011

**Definitions of Terms Used in Standard**

*This section includes all newly defined or revised terms used in the proposed standard. Terms already defined in the Reliability Standards Glossary of Terms are not repeated here. New or revised definitions listed below become approved when the proposed standard is approved. When the standard becomes effective, these defined terms will be removed from the individual standard and added to the Glossary.*

No new definitions are proposed for this standard.



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- R4.** The Transmission Owner and Generator Owner shall each provide Disturbance data (recorded by DMEs) in accordance with the Regional requirements (PRC-002 Requirement R5).
- R5.** The Transmission Owner and Generator Owner shall have a DME maintenance and testing program in accordance with the Regional requirements (Reliability Standard PRC-002 Requirement R6).

### C. Measures

- M1.** The Transmission Owner and Generator Owner shall each have evidence that its DME is installed in accordance with its associated Regional Reliability Organization's requirements.
- M2.** The Transmission Owner and Generator Owner shall each maintain the data listed in Requirement 2.1 through 2.9 on all its installed DME, and shall have evidence it provided this data to its Regional Reliability Organization within 30 calendar days of a request.
- M3.** The Transmission Owner and Generator Owner shall each have evidence it stored and retained its recorded Disturbance data in accordance with its associated Regional Reliability Organization's requirements.
- M4.** The Transmission Owner and Generator Owner shall each have evidence it provided recorded Disturbance data to all entities in accordance with its associated Regional Reliability Organization's requirements.
- M5.** The Transmission Owner and Generator Owner shall each have evidence its DME maintenance and testing program is in accordance with its associated Regional Reliability Organization's requirements.

### D. Compliance

#### 1. Compliance Monitoring Process

##### 1.1. Compliance Monitoring Responsibility

Regional Reliability Organization.

##### 1.2. Compliance Monitoring Period and Reset Timeframe

One calendar year.

##### 1.3. Data Retention

The Transmission Owner and Generator Owner shall retain any changes to the data on DME installations and any Disturbance data provided to the Regional Reliability Organization for three years.

The Compliance Monitor shall retain any audit data for three years.

##### 1.4. Additional Compliance Information

The Transmission Owner and Generator Owner shall demonstrate compliance through self-certification or audit (periodic, as part of targeted monitoring or initiated by complaint or event), as determined by the Compliance Monitor.

#### 2. Levels of Non-Compliance

**2.1. Level 1:** There shall be a level one non-compliance if either of the following conditions is present:

- 2.1.1** DME that meets all Regional installation requirements (in accordance with Requirement 1) were installed at 75% or more but not all of the locations.

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- 2.1.2** Recorded Disturbance data that meets all Regional data requirements (in accordance with Requirement 3) was provided for 75% or more but not all of the locations.
- 2.2. Level 2:** There shall be a level two non-compliance if either of the following conditions is present:
  - 2.2.1** DME that meets all Regional installation requirements (in accordance with R1) were installed at 50% or more but less than 75% of the locations.
  - 2.2.2** Recorded Disturbance data that meets all Regional data requirements (in accordance with R3) was provided for 50% or more but less than 75% of the locations.
- 2.3. Level 3:** There shall be a level three non-compliance if either of the following conditions is present:
  - 2.3.1** DME that meets all Regional installation requirements (in accordance with R1) were installed at 25% or more but less than 50% of the locations.
  - 2.3.2** Recorded Disturbance data that meets all Regional data requirements (in accordance with R3) was provided for 25% or more but less than 50% of the locations.
- 2.4. Level 4:** There shall be a level four non-compliance if either of the following conditions is present:
  - 2.4.1** DME that meets all Regional installation requirements (in accordance with R1) were installed at less than 25% of the locations.
  - 2.4.2** Recorded Disturbance data that meets all Regional data requirements (in accordance with R3) was provided for less than 25% of the locations.

### E. Regional Differences

None identified.

### Version History

Version	Date	Action	Change Tracking
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