

14:5-7.9 (Reserved)

Recodified to N.J.A.C. 14:5-8.8 by R.2008 d.57, effective March 17, 2008.

See: 39 N.J.R. 3716(a), 40 N.J.R. 1684(a).
Section was "Major event report".

14:5-7.10 (Reserved)

Recodified to N.J.A.C. 14:5-8.9 by R.2008 d.57, effective March 17, 2008.

See: 39 N.J.R. 3716(a), 40 N.J.R. 1684(a).
Section was "Establishment of service level values".

14:5-7.11 (Reserved)

Recodified to N.J.A.C. 14:5-8.10 by R.2008 d.57, effective March 17, 2008.

See: 39 N.J.R. 3716(a), 40 N.J.R. 1684(a).
Section was "Prompt restoration standards".

14:5-7.12 (Reserved)

Recodified to N.J.A.C. 14:5-8.12 by R.2008 d.57, effective March 17, 2008.

See: 39 N.J.R. 3716(a), 40 N.J.R. 1684(a).
Section was "Penalties".

14:5-7.13 (Reserved)

Recodified to N.J.A.C. 14:5-8.11 by R.2008 d.57, effective March 17, 2008.

See: 39 N.J.R. 3716(a), 40 N.J.R. 1684(a).
Section was "Outage management systems (OMS)".

SUBCHAPTER 8. ELECTRIC DISTRIBUTION SERVICE RELIABILITY AND QUALITY STANDARDS

14:5-8.1 Purpose and scope

(a) The rules in this subchapter set forth requirements based on a uniform methodology for measuring reliability and ensuring quality of the electric distribution service that is being delivered to New Jersey customers by the EDCs operating in New Jersey subject to the Board's regulatory authority.

(b) These rules, which include requirements for data maintenance, records retention and service interruption information, establish standards to measure the reliability of service on an annual and as needed basis under all operating conditions except major events. Major events shall be examined on a case-by-case basis to determine whether or not the EDC's preparation and response were adequate. It is the general obligation of a regulated EDC to provide sufficient resources in order to provide safe, adequate and proper service to its customers. The Board may also consider other factors in determining whether or not an EDC has provided adequate service.

(c) EDCs are encouraged to explore the use of proven state of the art technology and to promote distribution reliability service improvements.

(d) The rules in this subchapter also set forth requirements for the implementation and scope of outage management systems.

Recodified from N.J.A.C. 14:5-7.1 and amended by R.2008 d.57, effective March 17, 2008.

See: 39 N.J.R. 3716(a), 40 N.J.R. 1684(a).
In (a), substituted "EDCs" for "electric distribution companies (EDCs)".

Former N.J.A.C. 14:5-8.1, Purpose and scope, recodified to N.J.A.C. 14:5-9.1.

14:5-8.2 Reliability performance levels

(a) Each EDC shall take reasonable measures to perform better than the minimum reliability levels in N.J.A.C. 14:5-8.5.

(b) Performance that falls below the minimum reliability levels in this subchapter is a violation of this chapter and may be subject to penalty.

Recodified from N.J.A.C. 14:5-7.3 and amended by R.2008 d.57, effective March 17, 2008.

See: 39 N.J.R. 3716(a), 40 N.J.R. 1684(a).

In (a), inserted "in N.J.A.C. 14:5-8.5"; and rewrote (b).
Former N.J.A.C. 14:5-8.2, Definitions, recodified to N.J.A.C. 14:5-9.2.

14:5-8.3 Service reliability

(a) Each EDC shall have reasonable programs and procedures necessary to maintain the minimum reliability levels for its respective operating areas.

(b) The programs shall be designed to sustain reliability and, where appropriate, improve reliability. Each EDC shall utilize appropriate and qualified resources to maintain at a minimum, the minimum reliability levels for its respective operating areas.

(c) Interruptions shall not be reduced by unduly characterizing a sustained interruption as a series of momentary event interruptions. Electric service interruptions shall be reported in accordance with N.J.A.C. 14:3-3.9.

Recodified from N.J.A.C. 14:5-7.4 and amended by R.2008 d.57, effective March 17, 2008.

See: 39 N.J.R. 3716(a), 40 N.J.R. 1684(a).

In (b), substituted "at a minimum," for "as a minimum"; and in (c), deleted "to Board staff" following "reported".

Former N.J.A.C. 14:5-8.3, General provisions, recodified to N.J.A.C. 14:5-9.3.

14:5-8.4 Power quality

(a) Each EDC shall consider power quality in the design and maintenance of its distribution power-delivery system components. Each EDC shall strive to avoid and to mitigate, to the extent feasible and cost effective, power quality disturbances under its control that adversely affect customers' properly designed equipment.

(b) Each EDC shall, as a minimum, maintain a power quality program that includes its objectives and procedures

and complies with N.J.A.C. 14:5-3.2. The program shall be designed to respond promptly to customer reports of power quality problems. The program shall strive to prevent, mitigate or resolve power quality problems within the EDC's control to the extent cost-effective and practical.

(c) The EDC's power quality program shall be filed with the Board in the Annual System Performance Report.

Recodified from N.J.A.C. 14:5-7.5 and amended by R.2008 d.57, effective March 17, 2008.

See: 39 N.J.R. 3716(a), 40 N.J.R. 1684(a).

In (b), inserted "and complies with N.J.A.C. 14:5-3.2"; and in (c), substituted "in the Annual System Performance Report" for "by January 31, 2001".

Former N.J.A.C. 14:5-8.4, Maintenance cycle, recodified to N.J.A.C. 14:5-9.4.

14:5-8.5 Individual circuit reliability performance

(a) Upon request of the Board, each EDC shall be able to identify reliability performance on a basis predefined by the EDC for any circuit on its system.

(b) Each EDC shall identify and analyze poor performance circuit(s) as identified by the reliability performance parameters of (a) above, and shall take appropriate actions to improve reliability performance.

(c) An EDC that files an annual report under N.J.A.C. 14:5-8.7, which identifies one or more operating areas that have values above the minimum performance level for CAIDI and SAIFI, shall review its previous two annual reports for purposes of addressing operating area reliability performance.

(d) If one or more operating areas has values higher than the minimum performance level for CAIDI and SAIFI in two of the past three annual reports, the EDC shall further examine its equipment and circuits for causes of systemic outages, shall implement corrective measures as required under (b) above, and shall report on these circuits and corrective measures as required under N.J.A.C. 14:5-8.7(g).

Amended by R.2002 d.314, effective September 16, 2002.

See: 34 N.J.R. 1390(a), 34 N.J.R. 3234(a).

In (a), substituted "Board" for "BPU".

Recodified from N.J.A.C. 14:5-7.6 and amended by R.2008 d.57, effective March 17, 2008.

See: 39 N.J.R. 3716(a), 40 N.J.R. 1684(a).

In (b), substituted "(a) above" for "item (a)" and inserted "shall" preceding "take"; and added (c) and (d).

Former N.J.A.C. 14:5-8.5, Technical standards for vegetation management, recodified to N.J.A.C. 14:5-9.5.

14:5-8.6 Inspection and maintenance programs

(a) In accordance with N.J.A.C. 14:3-2.6 and 2.7, each EDC shall have inspection and maintenance programs for its distribution facilities, as appropriate to furnish safe, proper and adequate service. These programs shall:

1. Be based on factors, such as applicable industry codes, national electric industry practices, manufacturer's

recommendations, sound engineering judgment and past experience;

2. Be focused in significant part on mitigating those interruption causes with the greatest impact on reliability, such as those related to equipment, vegetation, and animals; and

3. Utilize tree trimming, physical plant inspections, maintenance and protective measures and equipment to assist in the prevention and management of interruptions when appropriate.

(b) Each EDC shall submit to the Board, in the Annual System Performance Report, compliance plans for the inspections, maintenance and recordkeeping required in this subchapter, including those related to vegetation management as required under N.J.A.C. 14:5-8.7(c)9. These compliance plans shall include individual programs aimed at reducing specific outage causes.

(c) Each EDC shall maintain records of inspection and maintenance activities. These records shall be made available to Board Staff, who shall be permitted to inspect such records at any reasonable time.

Recodified from N.J.A.C. 14:5-7.7 and amended by R.2008 d.57, effective March 17, 2008.

See: 39 N.J.R. 3716(a), 40 N.J.R. 1684(a).

Rewrote (a); and in (b), substituted "in the Annual System Performance Report" for "no later than January 31, 2001" and inserted "including those related to vegetation management as required under N.J.A.C. 14:5-8.7(c)9".

Former N.J.A.C. 14:5-8.6, Transmission line vegetation management, recodified to N.J.A.C. 14:5-9.6.

14:5-8.7 Annual System Performance Report

(a) Each EDC shall submit to the Board an Annual System Performance Report (the "Annual Report") by May 31 of each year. The EDC shall also submit a copy of the report to Rate Counsel at the same time, which may be submitted electronically, at the discretion of the EDC.

(b) The Annual Report shall include all of the following data:

1. The electric service reliability performance for the EDC's predefined operating areas in relation to their minimum reliability levels of SAIFI and CAIDI;

2. A summary value for each EDC's New Jersey service territory as a whole in relation to their minimum reliability levels for CAIDI and SAIFI;

3. A summary of the EDC's system performance for the calendar year prior to the submittal of the report, accompanied by a graph displaying the data visually;

4. A summary of the EDC's system performance for the 10 years prior to the submittal of the report, including the data for the previous calendar year, accompanied by a graph displaying the data visually;