 titles

Page 49, after line 9, insert the following:

1 TITLE
2 ENHANCING 9-1-1 SERVICE RESILIENCY AND
3 RELIABILITY ACT OF 2013
4 Sec. ____. This title may be cited as the “Enhancing
5 9-1-1 Service Resiliency and Reliability Act of 2013”.
6 Sec. ____. The purpose of this title is to ensure that
7 the Commission successfully fulfills its statutory obligation
8 under section 1 of the Communications Act of 1934 to
9 promote the “safety of life and property through the use
10 of wire and radio communication” by implementing the
11 recommendations contained in the Commission’s January
12 2013 Report of the Public Safety and Homeland Security
13 Bureau entitled “Impact of the June 2012 Derecho on
14 Communications Networks and Services.”
15 Sec. ____. Not later than 90 days after the date of
16 the enactment of this Act, the Commission shall issue reg-
17 ulations that—
1 (1) require providers to regularly audit the
2 physical routes of 9-1-1 circuits and ALI links to—
3 (A) verify diversity; and
4 (B) understand, avoid, or address in-
5 stances where a single failure causes loss of all
6 E9-1-1 circuits or all ALI links for a public
7 safety answering point; and
8 (2) establish that the audit requirement under
9 paragraph (1) shall apply only to high-priority cir-
10euits, rather than to the entire commercial wireline
11 network.

Sec. ____. Not later than 90 days after the date of
the enactment of this Act, the Commission shall issue reg-
ulations that ensure that providers of emergency service
and reliable and resilient communications maintain ro-
bust, resilient backup power in central offices, supported
by appropriate testing, maintenance, and records reten-
tion.

Sec. ____. Not later than 90 days after the date of
the enactment of this Act, the Commission shall issue reg-
ulations that require that each provider’s network oper-
ations center has—

(1) diverse monitor and control links; and
(2) capabilities throughout the network to ensure network reliability, resiliency, and rapid recovery.

SEC. ____. Not later than 90 days after the date of the enactment of this Act, to enhance compliance and result in greater situational awareness for public safety answering points, the Commission shall issue regulations that clarify how providers shall comply with section 4.9 of the Commission’s rules, including details addressing—

(1) methods of notification; and

(2) minimum levels of detail in the information provided to public safety answering points.

SEC. ____. Not later than 90 days after the date of the enactment of this Act, the Commission shall issue regulations that require providers to review and implement CSRIC recommendations and other best practices that the Commission deems most vital, including the following:

(1) Network operators, service providers, and property managers with buildings serviced by more than one emergency generator should design, install, and maintain each generator as a standalone unit that is not dependent on the operation of another generator for proper functioning, including the fuel supply path.
(2) Network operators, service providers, and property managers should exercise power generators on a routine schedule in accordance with manufacturer’s specifications.

(3) Network operators, service providers, and property managers should design standby generator systems for fully automatic operation and for ease of manual operation, when required.

(4) Network operators, service providers, equipment suppliers, and property managers should ensure that all critical infrastructure facilities, including the security equipment, devices, and appliances protecting it, are supported by backup power systems such as batteries, generators, or fuel cells.

(5) Network operators should periodically audit the physical and logical diversity called for by network design and take appropriate measures.

Sec. ____. Not later than 90 days after the date of the enactment of this Act, the Commission shall—

(1) issue regulations that require CSRIC to develop solutions with respect to certain issues identified by the Commission; and

(2) consider adopting additional best practices consistent with sound engineering practices identified by the Commission.
SEC. _____. Not later than 90 days after the date of
the enactment of this Act, the Commission shall issue reg-
ulations that require that public safety answering points—

(1) have several different means of communication available, such as mobile phones from different providers, to provide as many alternate means as possible of communicating during an emergency;

(2) have multiple means of backup power, such as multiple generators;

(3) run periodic tests under actual load;

(4) install a simple disconnect switch to permit taking out one generator and installing another; and

(5) prevent leaving reroutes in place longer than necessary by beginning after a few hours, even if not notified by the provider, to deactivate the re-route, then reactivate it a few hours later, and repeating until service is restored or until the public safety answering point is notified about a working route by the provider.

SEC. ____. Not later than 90 days after the date of
the enactment of this Act, the Commission shall consult with public safety organizations and work with public safety answering points to establish a standardized format and channel that can be used to report network concerns directly to the Commission.
In this title, the following definitions shall apply:

1. ALI.—The term “ALI” means automatic location information.

2. Commission.—The term “Commission” means the Federal Communications Commission.


4. Public Safety Answering Point.—The term “public safety answering point” has the meaning given such term in section 222 of the Communications Act of 1934 (47 U.S.C. 222).