

## New York Power Outage Relay Protection System



### Overview

Con Edison said the blackout that plunged parts of Manhattan into darkness Saturday night was due to a substation's relay protection system that "did not operate as designed." The utility company said the faulty system was at its West 65th Street substation. Power has been restored five hours after a large outage affecting over 44,000 people hit much of Manhattan's midtown and part of the. Introduction to Electric Distribution System in New York State. Distribution System Reliability Performance In New York. Reliability and Resiliency Improvements. Our data currently shows 1,212 active power outages in New York, affecting about 0% of the 8,721,196 customers tracked, as of 2026-05-12 04:08:51 AM. The largest outages are reported by National Grid, with 322 customers out. The NYISO is not responsible for the user's reliance on these publications, or for any erroneous or misleading. UPDATE: July 30, 2019: Consolidated Edison announced on Monday its conclusion that the July 13 blackout was caused by a "flawed connection between some of the sensors and protective relays at the substation. Always stay away from downed power and communication lines.

## New York Power Outage Relay Protection System



It was supposed to safeguard against widespread power outages in the city, but instead that measure failed and led to 73,000 customers without power in Manhattan.



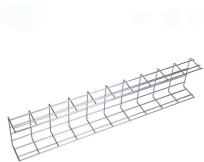
Consolidated Edison on Monday said preliminary results of an investigation into a weekend power outage on Manhattan's West Side indicated a failed relay protection system was the ...



A relay protection system that should have isolated a faulty distribution cable but didn't led to the loss of power that darkened Manhattan for several ...



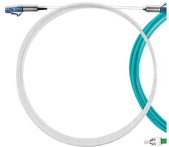
These rules are intended to properly protect the safety and interests of National Grid's Customers and others served by the EPS operated by the utility. Where the term "Company" is used, it refers to the ...



Con Edison said the blackout that plunged parts of Manhattan into darkness Saturday night was due to a substation's relay protection system that "did not operate as designed." The utility...



Con Edison blamed their relay protection system Monday for the weekend power outage in New York City, saying the system didn't operate as designed, according to preliminary findings ...



A failure of the substation's relay protection system has caused the Manhattan blackout in New York City, the Con Edison ...



Pilot protection systems are defined as those systems that utilize a communications channel in comparing fault conditions at the line terminals of a transmission line to determine whether the fault is ...



Track power outages in New York with our live outage map and real-time updates. Find affected counties and providers.



In Sandy's aftermath, Con Edison began developing a comprehensive, long-term storm hardening plan under the auspices of the New York Public Service Commission (NYPSC), with the goal of reducing ...



Report an electric outage, view a list or map of current power outages and restoration statuses in our New York state service area, and access resources.



New York's electric grid faces its lowest reliability margin in recent history. Learn why summer blackouts are a rising risk.



The parts of the country where single-system planning and operating power pools already existed, include the New York Power Pool, the New England Power Pool, and PJM, adjusted more readily ...



Con Edison blamed their relay protection system Monday for the weekend power outage in New York City, saying the system didn't operate as ...



A statement from the power company said that a relay protection system at a substation on West 65th Street did not work. "That system detects electrical faults and directs circuit breakers...

## Contact Us

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