



David Warner
Associate Counsel

January 16, 2018

Via Electronic Mail

Hon. Kathleen H. Burgess
Secretary to the Commission
New York State Public Service Commission
Three Empire State Plaza
Albany, New York 12223-1350

RE: Case No. 17-E-0428 – In the Matter of an Investigation into the April 21, 2017 Metropolitan Transportation Authority Subway Power Outage and Consolidated Edison Company of New York, Inc.’s Restoration Efforts.

Dear Secretary Burgess:

In accordance with Ordering Clause 29 of the Public Service Commission’s *Order Directing Steps to Safeguard and Maintain Adequate Utility Service to the Subway System* issued November 10, 2017 in the above referenced proceeding, Consolidated Edison Company of New York, Inc. (“Con Edison”) submits its December 2017 monthly report. As discussed with Department of Public Service Staff, Con Edison files its monthly report on (or about) the 16th day of the following month.

Thank you for your assistance.

Sincerely,

Att:

cc: Michael Worden, Director, Utility Rates and Services

Case 17-E-0428

December 2017 Monthly Report
Consolidated Edison Company of New York, Inc.

January 16, 2018

Consolidated Edison Company of New York, Inc. (“Con Edison”) has prepared this monthly report for December 2017 as required by Ordering Clause 29 of the Public Service Commission’s *Order Directing Steps to Safeguard and Maintain Adequate Utility Service to the Subway System* issued November 10, 2017 in Case 17-E-0428 (“Order”).¹

Table 1 provides the status on the field work in progress that is required under the Order and includes the Ordering Clause number, a description of the specific requirement, the end of month status, the total units of work required, the required completion date (if provided) in the November Order and any explanatory note, if needed. The Company has noted where contractors that have related expertise to perform this work under MTA oversight are performing this work.

Table 2 provides a status update on other Ordering Clause requirements that are not field work, but are single activities required by a date certain (e.g., reach agreement on scope, participate in an activity).

¹ In order to create a single comprehensive order and to eliminate any confusion as to the Commission’s requirements, the November 10 Order re-adopts deadlines that have already passed and actions that were already taken by Con Edison pursuant to the Commission’s *Order on Consent Directing Steps to Safeguard and Maintain Adequate Utility Service to the Subway System*, issued August 16, 2017 in Case 17-E-0428. Con Edison reviewed with DPS Staff how it would present the additional work required by the November 10 Order.

Table 1
Field Work Report (December 2017)

Ordering Clause Number and Requirement	December 31 Status	Total Units to be Completed	Completion Date	Notes
5. Inspections of MTA Property Line Boxes	Property Line Box inspections complete at 71 priority stations, and 60 of the remaining stations	119 priority stations Remaining stations TBD	2/9/2018 for priority stations 5/9/2018 for remaining stations	The number of stations with direct signal feeds from Con Edison is being provided by the MTA and is ongoing with inspections.
5. Inspections of MTA Electric Distribution Rooms*	55% complete 0	119 priority stations, plus 81 additional stations Remaining stations TBD	2/9/2018 for priority stations 5/9/2018 for remaining stations	This work is underway as part of the inspections of other MTA equipment.
7. Install Automatic Transfer Panels*	0	73 priority locations	May 9, 2018	
7. Identify, inspect and test, currently installed Automatic Transfer Panels*	0	Remaining locations TBD	May 9, 2018	
	TBD	TBD	May 9, 2018**	Retrofit and/or repair as needed.

7. Install Sag Correctors*	0 at priority locations	73 priority locations	May 9, 2018**	
	3 installed at remaining locations	TBD remaining locations		
7. Install Quick Connects for Back-Up Generators*	120	162	May 9, 2018	
7. Review Remaining Locations for Determining Alternate Electric Service	0	TBD	May 9, 2018	
	TBD	TBD	May 9, 2018**	Construction work TBD after review of remaining locations.
7. Trackside work except for Signal Cable Replacement*	49 percent complete	100 percent	May 9, 2018	This report will be on a percentage completed basis.
7. Signal Cable Replacement*	0	Number of locations to be provided by MTA	May 9, 2018	
10. AMI meters and communications equipment associated with MTA signaling services	908 meters installed	Estimated at 1087 meters for all locations.	Manhattan and Brooklyn: 1/31/2018; Bronx and Queens: 3/31/2018	
13. Replacement of Aluminum conductors	77 sections replaced at High Priority locations	77 sections	12/31/2017	Complete.
	66 sections replaced at remaining stations	165 sections	5/9/2018	

15. Implement work plans for improved redundancy at 17 high priority locations	17 complete	17	12/31/2017	Complete.
15. Implement work plans for improved redundancy at remaining locations	5 complete	Current estimate is 42 locations	Pending	

* This work is being performed by contractors that have related expertise to perform this work under MTA oversight.

** Con Edison, in consultation with and with the support of DPS Staff and the MTA, has requested an extension in time to complete this work. The extension request is currently under review.

Table 2
Other Ordering Clause Requirements

<p>11. Jointly develop Con Edison and MTA protocols regarding power and equipment issues, including, but not limited to AMI.</p>	<p>Written procedures and protocols were jointly developed by Con Edison, MTA, and DPS. They were agreed to during the weekly meeting on December 20, 2017.</p>
<p>16. Jointly develop work plans to improve the redundancy of Con Edison’s electric service and/or install additional redundant Con Edison electric supply options for the rest of MTA’s signaling services.</p>	<p>Con Edison, MTA and DPS jointly developed work plans to improve redundancy of Con Edison’s electric service at 42 MTA locations. The parties agreed that the date certain to complete this work is May 9, 2018.</p>
<p>18. Establish inventory of generators and determine staging locations.</p>	<p>Con Edison, MTA and DPS worked together to develop a generator staging plan. This plan identifies the locations of MTA generators and Con Edison workout locations where generators will be dispatched from. At the weekly meeting on December 20, 2017, DPS, MTA and Con Edison agreed on the generator staging plan.</p>
<p>19. Work with the MTA to perform an analysis of power supply and power quality events affecting MTA’s signaling services from 2015 to date.</p>	<p>Con Edison worked with the MTA to perform an analysis of power supply and power quality events affecting signaling services. 198 events from January 1, 2015 to August 2, 2017 were reviewed using MTA reported times and locations to correlate with Con Edison system events. Root causes and solutions were identified to the extent applicable (cause could not be determined for 56 events, 3 were attributable to the MTA and 11 were not in the Con Edison service territory).</p>