

Memorandum



Date: December 13, 2013

To: Honorable Chairwoman Rebeca Sosa and Members
Board of County Commissioners

From: Carlos A. Gimenez
Mayor 

Subject: Uninterrupted Power Supply (UPS) Installation

As part of Miami-Dade Transit's Metrorail Central Control Modernization, there will be an installation of a new Uninterrupted Power Supply (UPS) unit on Friday, December 13, 2013, from 11 p.m. until approximately 5 a.m., Saturday, December 14, 2013. During the installation, a complete shutdown of all MDT applications and systems will be required. This will not affect passenger service as it will continue operating as normal until closing.

The shutdown will affect operational systems, including the Computer-Aided Dispatch (CAD) / Automatic Vehicle Location (AVL) system; the Transit Operations System (TOS) which is used for daily dispatch functions and workforce management, among other things; the Department's fare-collection system; the closed-circuit television system for MDT stations; Supervisory Control and Data Acquisition (SCADA) computer system, which provides controls and visibility of MDT traction power system; dispatch for Special Transportation Service (STS); and MDT's recording system, which allows recording of all radio and voice communications for Metrobus, Metrorail and Metromover operations.

Customers utilizing Metrobus, Metrorail, Metromover and STS will not be directly impacted except for customers who wish to use a credit card to reload or purchase an EASY Card online from 11 p.m. on Friday, December 13th, until the UPS unit is restored on Saturday, December 14th. Ticket Vending Machines will accept cash only from 11 p.m. on Friday, December 13th, until Metrorail stations close.

MDT is doing everything possible to ensure that all applications and systems are back to normal operations once the power is restored and the unit being replaced is back online.

Nevertheless, in the event there are problems with restoring the unit back online and the shutdown is extended, revenue service will not be affected. MDT has a contingency plan to continue providing service, which includes:

- Using technicians to monitor all Metromover vehicles. The location of the Metromover vehicle will be shown on the train-control display board; however, the technicians will be on board the vehicles to deal with any alarms that may come up.
- Metrorail Train Operators will communicate using hand-held radios.
- Metrobus Bus Operators will communicate via a telephone-hand set on board buses. Selective calling to and from buses will not be available since the CAD/AVL system will be off line.
- STS agents will manually coordinate customer information that will be used to dispatch STS vehicles.

MDT anticipates that the affected systems and applications will be restored online on time for revenue service on Saturday, and only anticipates implementing the contingency plan in case any of the systems or applications cannot be restored.

If you have any questions, please contact MDT Director Ysela Llort at 786-469-5406.

c: Alina T. Hudak, Deputy Mayor
Ysela Llort, Director, Miami-Dade Transit