

# Electric Power Transmission System Upgrade Procedure

Installation of a 3M™ aluminum conductor composite reinforced high-voltage wire is done in three stages for each of the 20 segments. This will affect residents in different ways, and access to property in the work zones may be limited during critical periods. None of the transmission lines will carry electricity while this work is taking place.

## 1. Pre-Pull

On each transmission pole, the three existing arms are replaced with new insulators and a system of pulleys. The existing wire will remain in place.

 **2-4 hours per pole**

Entergy bucket trucks and cranes will be used and may block traffic for up to half a day at the site of each steel transmission line pole.

**No parking within 100 feet of each transmission pole.**

## 2. Pull

New high-capacity wire is threaded from pole to pole through the pulleys, replacing the old wire. Each straight segment of transmission line is replaced in one “pull.” There are 20 segments along the line from the Entergy Ninemile generating facility to the Derbigny substation (refer to map).

 **Restrictions to vehicular and pedestrian traffic**

The day of the pull, automobile, bicycle and pedestrian traffic along the entire segment will experience temporary delays as the wire is pulled from one end to the other. These delays may last from 15 minutes to 2 hours.

Safe crossings will be set up at strategic locations along the pull route to allow traffic to navigate even during the pull.

**No parking will be allowed on the street the day of the pull.** Residents should not park in their driveway on the pull day in order to avoid delays coming or going. Pedestrian traffic will be restricted for short times as well. Residents will be notified in advance of the pull. Your safety is our top priority.

## 3. Post-Pull

Each transmission pole will have the temporary pulleys removed. All three lines and the shield wire above the lines will be permanently attached to the existing structures.

 **2-4 hours per pole**

Entergy bucket trucks and cranes will be used and may block traffic for up to half a day at the site of each steel transmission line pole.

**No parking within 100 feet of each transmission pole.**