

Power to Grow NOLA

Electric Power Transmission System Upgrade

230kV Transmission Reconductor Project

Phase I: Ninemile generation – Napoleon substation
Phase II: Ninemile generation – Derbigny substation

Transmission Upgrade Project Presentation

July 6, 2015



Safety Topic of the Day

- **Safety is the cornerstone of Entergy’s culture.** We start work days with a “safety focus” to create and sustain a safe, accident-free environment for employees, work crews and the public. We ask you to help us – so we can all stay safe during this project.
- **FEEL THE HEAT?**
 - ✓ Summer is upon us, so we encourage you to use a strong questioning attitude, drink plenty of fluids and take breaks to allow your body to recuperate.
 - ✓ Plan your work around the heat of the day when possible and do the heaviest work in the cooler temperatures of the morning and evening.
 - ✓ Hydrate with copious amounts of cool, clean water before, during and after a job is the best method of protection against becoming dehydrated and overheating your system.
 - ✓ “No job is so urgent that we cannot take the time to do it safely.” Plan the work; work the plan!

Diversity Moment

- “When you build inclusion into a structure, what you build is trust, cohesion and unity.” - Lillian Rodriguez Lopez

Project Overview

Approximately \$30 million capital investment in the electric power transmission system that positions the city for continued economic growth.



Phase I, Ninemile-Napoleon substation will affect the Audubon Park, upper Magazine Street and Annunciation Street areas.
Mid-July to October 2015

Phase II, Ninemile-Derbigny substation will affect Carrollton-Hollygrove area including Cambronne Street through the outer portions of the Xavier University footprint.
October to June 2016

Project Need

To meet customers' growing energy needs, a transmission upgrade of this magnitude is required to move more power with greater efficiency.

The transmission project is part of ongoing integrated resource planning for New Orleans, as Entergy prepares to deactivate the aging Michoud generating facility, originally placed into service during the 1960s.

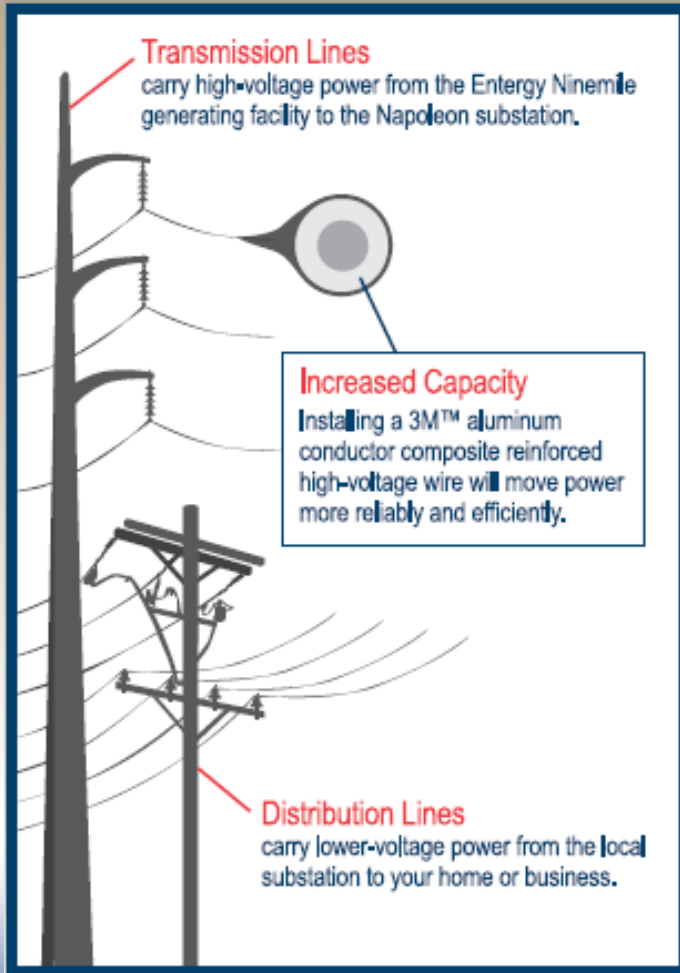


Ninemile 6 Generation Facility

These upgrades are required by the Midcontinent Independent System Operator prior to the planned 2016 Michoud deactivation.

Entergy is currently evaluating Michoud as a site for a future generation facility.

What the project looks like



The project will replace the existing 230 kilovolt transmission lines with a 3M™ aluminum conductor composite reinforced high voltage wire that will move power more efficiently.

The use of advanced technology will provide additional capacity and will allow Entergy to upgrade the lines without replacing the existing steel poles.

Project Safety

No project is so important that we can't and won't do it safely.

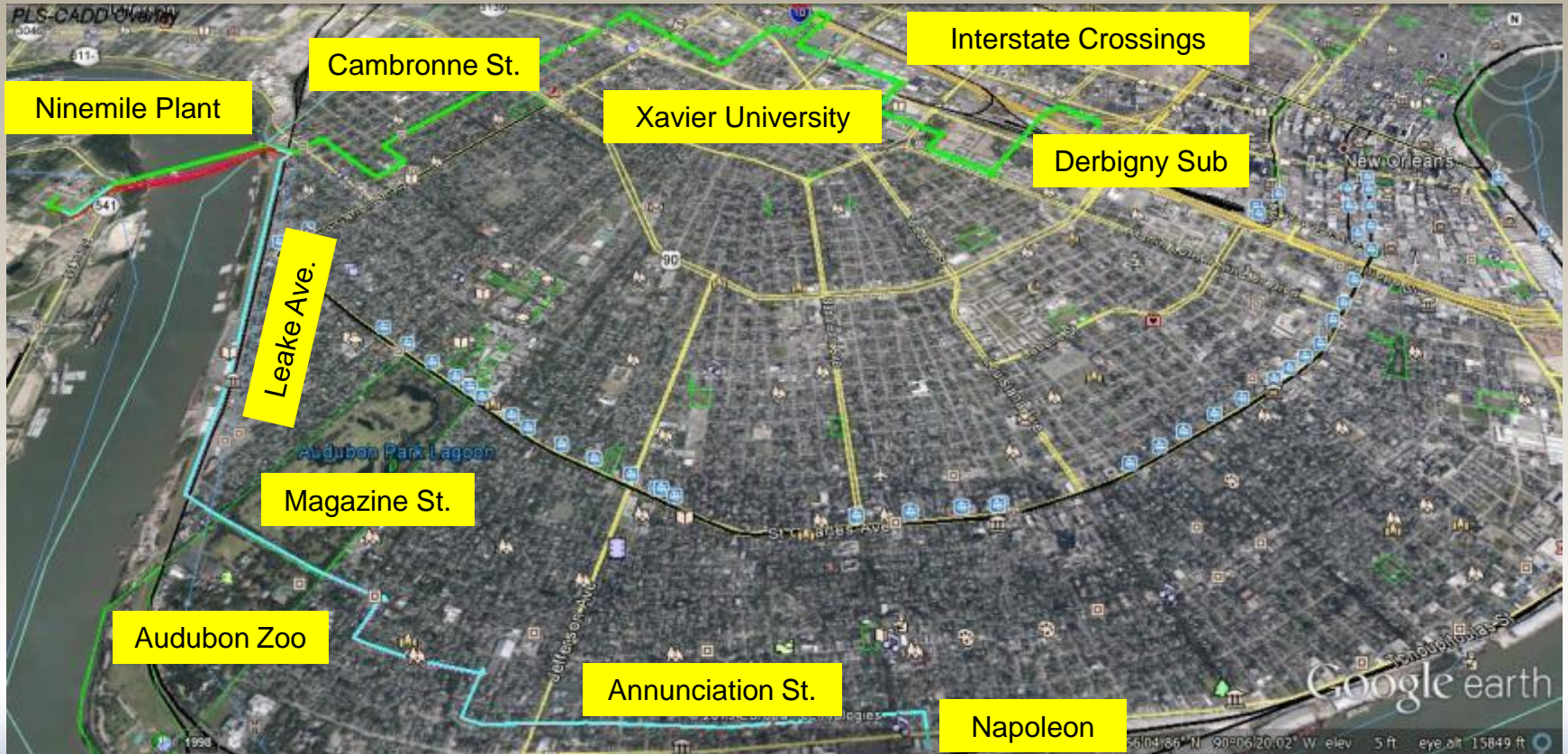


The top priority for this project is to have a safe, accident-free environment for the public and project crews.

Entergy has developed detailed on-site safety measures that have been tailored to meet the needs of the project and the impacted areas.

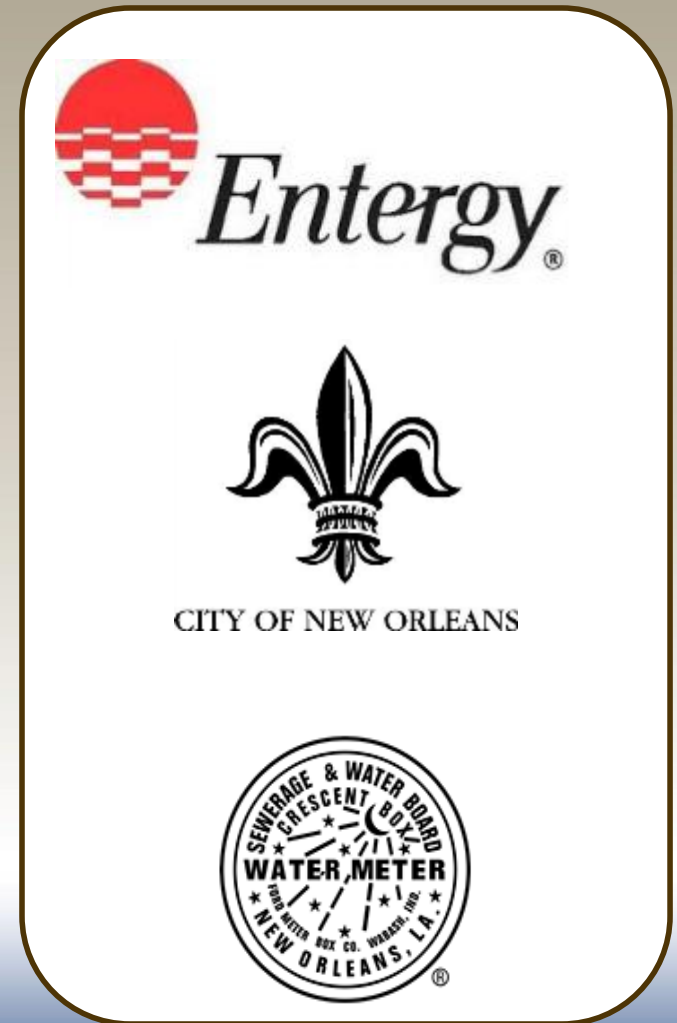
Ninemile-Napoleon (Phase I): Blue Line

Ninemile-Derbigny (Phase II): Green Line



Coordinated Project Plan

- Work closely with Department of Public Works to develop detailed traffic plan.
- Coordinate with neighboring infrastructure projects.
- Detailed communication plan to keep neighborhoods, businesses, institutions and government agencies up-to-date.
- Provide adequate signage to help safely navigate around project work areas.



Questions

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