



# Community Information Session



Nov/Dec 2016



WE POWER LIFE<sup>SM</sup>

***POWER to GROW***  
*A Blueprint For New Orleans' Bright Future*

**Entergy's Commitment to the  
New Orleans Community**

## *COMMUNITY ENGAGEMENT*

- **The Integrated Resources Plan (IRP) - A process to determine future energy needs and the resources to provide for those needs.**
- **Stakeholder and Public Input (Hosted 7 public meetings and stakeholder briefing).**
- **Issues Addressed (Reliability – Affordability – Renewables).**
- **Final IRP Presented to Council in Feb. 2016.**
- **On June 20, 2016, ENO filed its NOPS Application.**



# Reliable: Services Brought Back Online Faster



- **Reliable:** ability to provide reliable service during the hottest days of the year and ensures reliable operations in the New Orleans area.
- **Hurricane Response:** Provides a local source of generation/ could lessen dependency on long transmission lines to import power into the city following a storm.
- The proposed power station does not depend on natural resources that are intermittent (sun/wind) to operate.
- Local power supply during peak demand periods.



# Affordable: Lowest Reasonable Cost Option

## *Affordable: Lowest Reasonable Cost Option*

- As directed by the City Council's resolution, Entergy is proposing this power station as the more cost effective option.
- Estimated monthly cost for New Orleans residential, commercial and industrial customers.





# Air Quality: Will Exceed EPA Standards

**Air Quality: Emissions will exceed regulatory standards, which are protective of human health and the environment.**

- **The New Orleans Power Station will be 96% lower than EPA's threshold for clean air, which will result in a significant reduction in emissions.**



## Subsidence: Significantly Less Water Usage

- Groundwater usage at the old Michoud plants is not the cause of observed damage to infrastructure in New Orleans East.
- Subsidence is a naturally occurring phenomenon associated with geologic and human induced factors where the land settles over time.
- Problems can occur when those factors lead to settlement at different rates within a given area (Referred to as Differential Settlement) which can damage infrastructure over time.
- The LSU/NASA study does not conclude that ground water withdrawal at Michoud caused differential settlement anywhere in New Orleans.



# Subsidence: Significantly Less Water Usage

**Minimal Ground Water Usage at the New Orleans Power Station.**

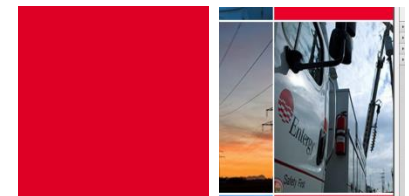
**NOPS will use up to 99% less ground water than the previous plants.**





# Capacity for the City's future needs

- **Renewable Energy Storage Pilot Program.**
- **Entergy is using the plant to test battery storage for Reliable Energy Needs.**
- **Entergy New Orleans has issued a RFP for up to 20 megawatts of renewable energy resources.**



# Q & A

## ***POWER to GROW*** *A Blueprint For New Orleans' Bright Future*

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