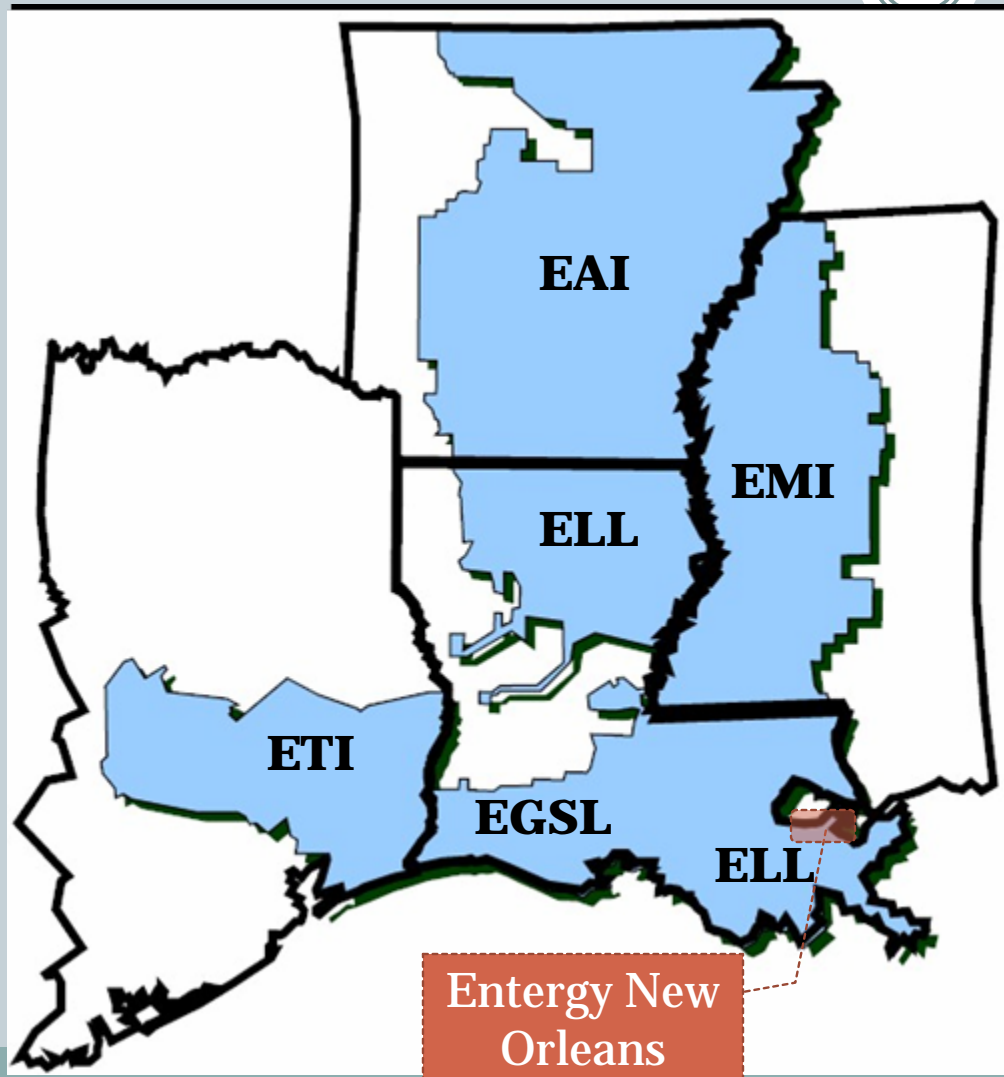


# ENO IRP Process Transmission Planning



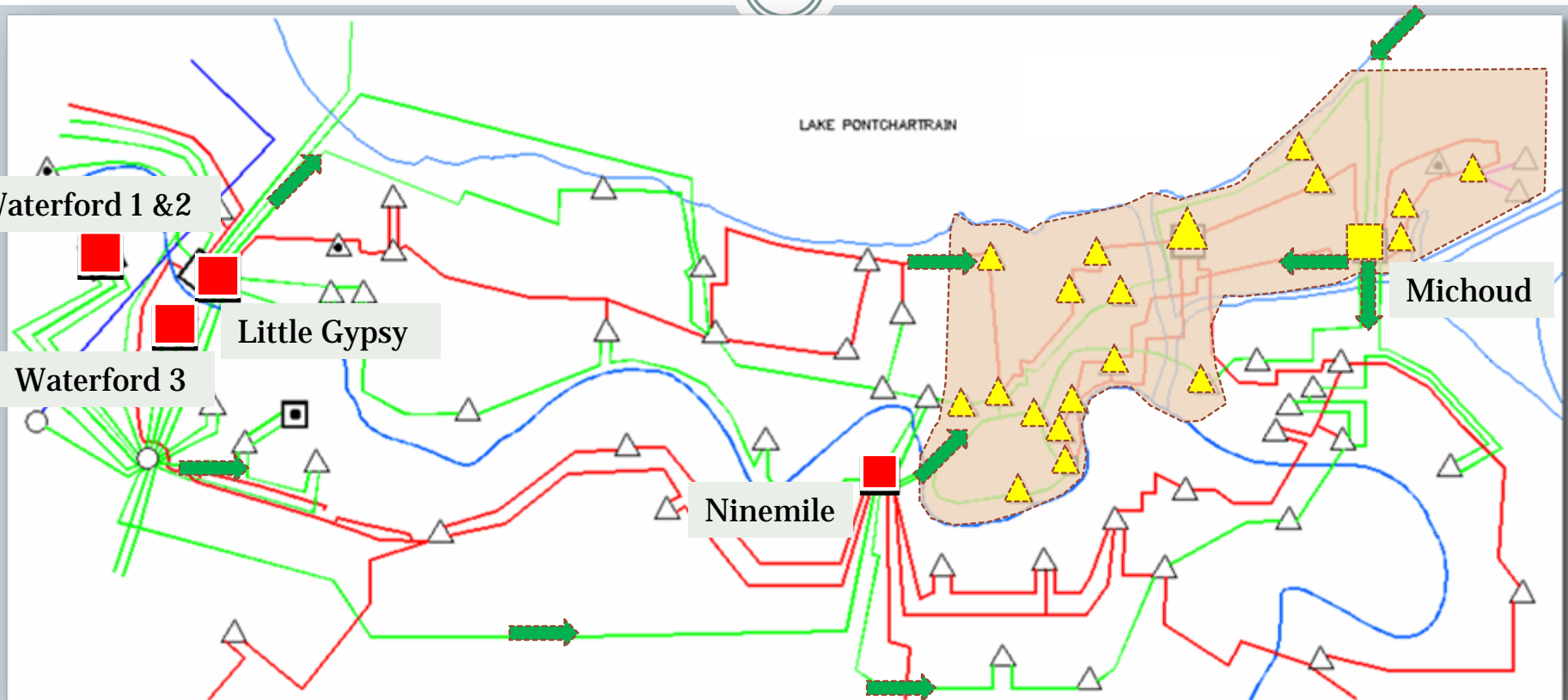
**NEW ORLEANS IRP PUBLIC MEETING  
NOVEMBER 19, 2008**

# ENO's Transmission System



- 204 miles of transmission lines operating at 115 kV and 230 kV
- 21 substations
- Robust transmission grid
- 882 MW peak load (Aug 2008)
  - Pre-Katrina peak load: approx. 1,250 MW
- Hurricane Katrina Effect
  - System reconfigured to safely & expediently restore system
  - Midtown Substation removed from service
  - Paterson Substation bus split (being restored)
- Annual reliability needs assessment to gauge long-term expansion plans

# Metro New Orleans Transmission System



- ENO Generation
- ELL Generation
- ENO Substation
- General Power Flow Direction
- 230 kV Transmission Line
- 115 kV Transmission Line



# Overview of Transmission System Planning



## Customer Input

- Load-Serving Entities' (LSE) generation resource plans
- LSEs' load forecast
- Industrial load additions
- ICT Base Plan
- Stakeholder comments
  - On draft Construction Plan
  - From Transmission Planning Summit
  - From various ICT-led stakeholder meetings
- Confirmed long-term firm usage of the transmission system

## Transmission Assessment

- Comply with industry standards
  - 10-year outlook
- Maintain grid reliability
- Maintain long-term firm transmission service
- Determine costs vs. benefits
- Conform with FERC Standards of Conduct
- Independent review & reporting by ICT

## Transmission Plans

- Construction Plan
  - Reliability & Economic
  - Approved & proposed projects
  - 3-Year horizon
- Considers ICT and stakeholder input

# Drivers for ENO Transmission System Expansion



- **Long-term system reliability**
  - Compliance with industry reliability standards
  - Operational trends
  - ENO's transmission system complies with all applicable industry standards.
- **Potential economic transmission projects**
  - ICT conducts screening analysis.
- **Load growth**
- **Network resource designation/undesignation**

# Transmission System Information



- **Entergy transmission system information available on OASIS:**
  - <http://oasis.eartherrations.com/documents/ees/MSS/INFO.htm>
- **Sample transmission information posted**
  - Entergy Transmission Construction Plan
  - ICT Base Plan
  - Transmission Planning Models
  - Transmission Planning Process (Attachment K to the Entergy Open Access Transmission Tariff)
  - System Impact Study Process for Transmission Service (Attachment D to the OATT)

# Questions?

