

ENO IRP Public Technical Conference 2015 IRP Process & Company Overview

Milestone 1 – 2015 ENO IRP

June 27, 2014

Conference Objectives

- ❑ Explain integrated resource planning**
- ❑ Highlight process for public input**
- ❑ Summarize important facts about ENO**
- ❑ Review process for evaluating demand-side resources**

Integrated Resource Planning

Integrated Resource Plan (“IRP”)

- ❑ Integrated resource planning is a process utilized to develop a long-range plan for meeting customers’ future needs at the lowest reasonable cost**
- ❑ An IRP seeks to provide safe and reliable service at the lowest reasonable cost while mitigating risk from future uncertainty**
- ❑ Importantly, an IRP does not constitute a definitive plan to implement any specific action contemplated by the IRP**
- ❑ In addition, the Council for the City of New Orleans previously established guidelines for integrated resource planning**
- ❑ The Council’s guidelines are designed to incorporate public input and to ensure that each IRP reflects a balanced and reasonable approach to meeting customers’ future needs**

Process for ENO 2015 IRP

2015 IRP Process

- ❑ **On June 5th the Council established the process for development of ENO's 2015 IRP**

- ❑ **The process reflects lessons learned from the 2012 IRP and provides for public input during development of the IRP**

- ❑ **The following are key milestones in the Council's process:**
 - **June 27 Milestone 1 – Inputs to DSM Potential Study**

 - **Oct 2014 Milestone 2 – DSM Potential Study Results / IRP Inputs**

 - **Feb 2015 Milestone 3 – IRP Modeling Results**

 - **Jun 2015 Milestone 4 – Draft IRP Report**

 - **Oct 2015 Final ENO 2015 IRP**

- ❑ **ENO will seek input at each of the milestones above**

ENO IRP TECHNICAL CONFERENCE

IRP Stakeholder Process Timeline

- ❑ The process for development of the ENO 2015 IRP provides an opportunity for input at each milestone in the process:

Milestone	Timing of Technical Conference	Questions Due From Stakeholders*	Company Responses Due*	Intervenor Comments*	Guidance from City Council*
Milestone 1 – DSM Potential Study Inputs (Including Avoided Cost)	June 27, 2014	Within 7 days	Within 30 days	Within 60 days	Within 90 days
Milestone 2 – IRP Inputs Including DSM Potential Study Results	October 2014	Within 7 days	Within 30 days	Within 60 days	Within 90 days
Milestone 3 – IRP Modeling Results	February 2015	Within 7 days	Within 30 days	Within 60 days	Within 90 days
Milestone 4 – Draft IRP Report	June 2015	Within 7 days	Within 30 days	Within 60 days	Within 90 Days

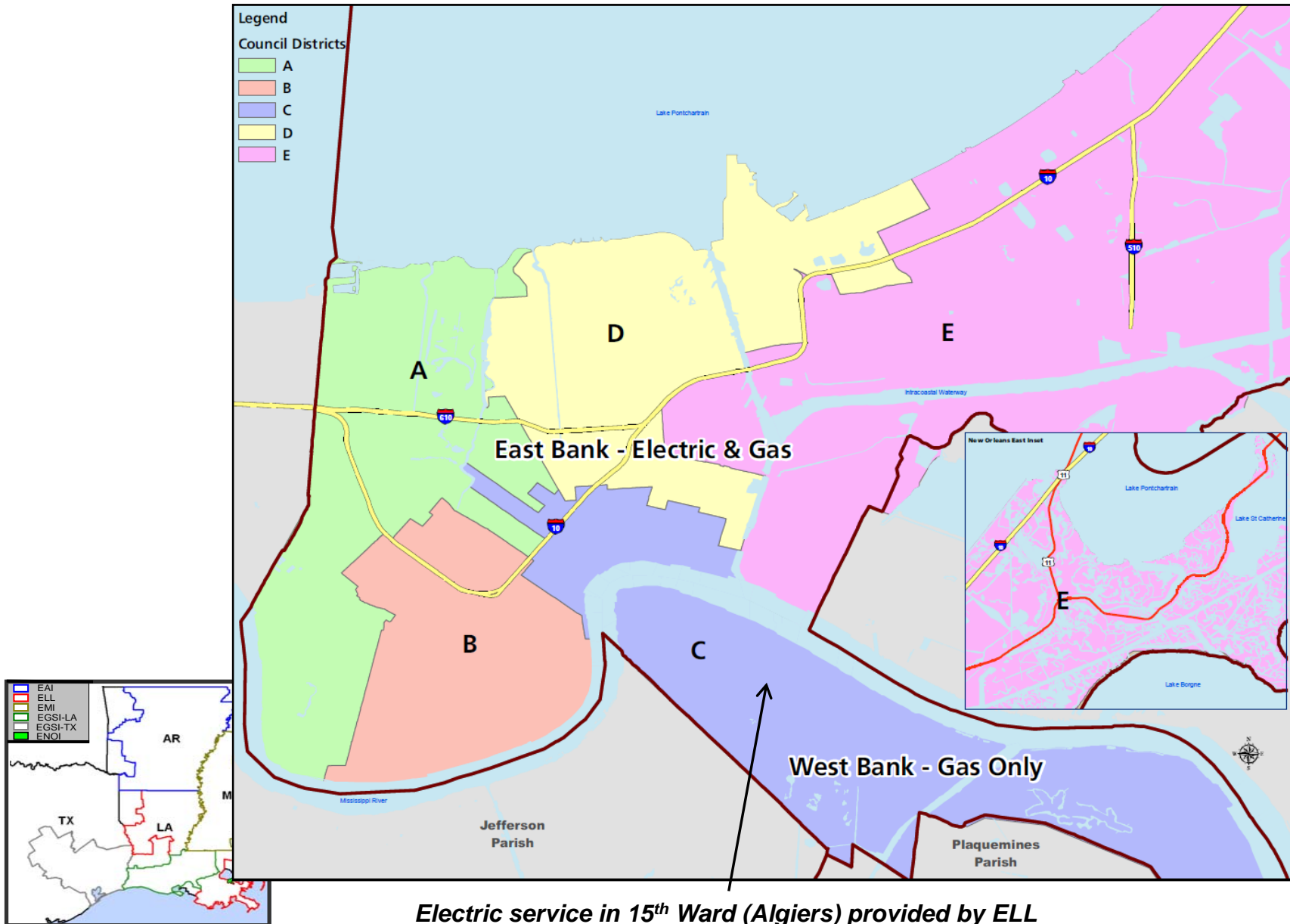
* *Deadline is from the date of each respective technical conference*

Questions

- ❑ **After this meeting (and future meetings), ENO will accept questions and comments relevant to the IRP through its website:**
 - ❖ Visit <http://www.energy-neworleans.com/IRP/>
 - ❖ Fill out the “Submit a Question” Form
 - ❖ The last day to submit a question pertaining to Milestone 1 is *July 3rd*
 - ❖ ENO will post responses to relevant questions associated with Milestone 1 by *July 28th*

Overview of Entergy New Orleans

ENO Overview: Electric Service Territory



Electric service in 15th Ward (Algiers) provided by ELL

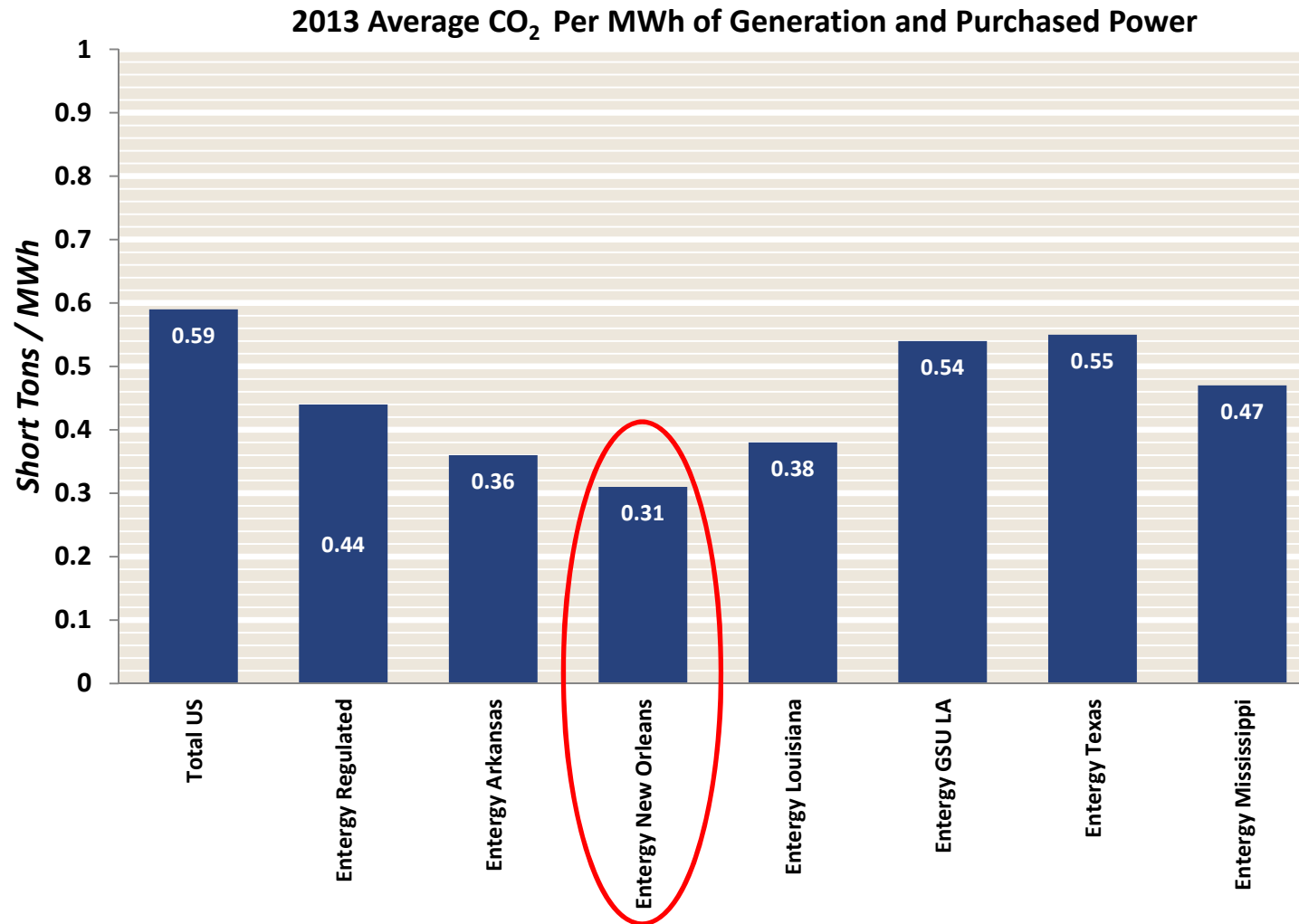
ENO Overview: Company Facts

- ❑ **In 2013, ENO served 164,000 electric customers in the City of New Orleans**
 - ❖ **Customer peak demand in 2013 occurred in August and totaled 1,012 MW**
 - ❖ **Customers used over 5.1 billion kWh of electricity in 2013**

- ❑ **ENO currently owns and operates:**
 - ❖ **A 781 MW gas fired electric generating plant (The Michoud Station)**
 - ❖ **134 miles of high voltage transmission Lines**
 - ❖ **1,054 miles of overhead distribution lines**
 - ❖ **380 miles of underground distribution lines**

ENO Overview: 2013 Carbon Intensity

If CO₂ were regulated, the Entergy System in general and ENO in particular emit less CO₂ per MWh than most other regional utilities – a typical ENO customer produces about half as much CO₂ as typical US customers



Midcontinent Independent System Operator (MISO)

- ❑ Following approval from the City Council, Entergy New Orleans (along with the other Entergy Operating Companies) successfully integrated with MISO in December 2013

- ❑ What is MISO?
 - ❖ A Regional Transmission Organization (RTO)

- ❑ What does MISO (an RTO) do?
 - ❖ Ensures adequate resources are available to serve load
 - ❖ Maintains reliability of the transmission system
 - ❖ Manages energy markets within geographic footprint
 - ❖ Facilitates a transmission planning process to enhance efficiency of the electric grid

- ❑ How will MISO affect the ENO IRP?
 - ❖ MISO provides access to a large marketplace for resources
 - ❖ The MISO market will help ensure ENO continues to provide customers with safe and reliable service at the lowest reasonable cost
 - ❖ The ENO IRP will use a model that represents the MISO market:
 - ❖ Planning Reserves (capacity)
 - ❖ Energy Market
 - ❖ Transmission Expansion

