



Keith D. Wood

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August 9, 2023

VIA ELECTRONIC DELIVERY

Lora W. Johnson, CMC, LMMC
Clerk of Council
Room 1E09, City Hall
1300 Perdido Street
New Orleans, LA 70112

**Re: 2024 TRIENNIAL INTEGRATED RESOURCE PLAN OF
ENTERGY NEW ORLEANS, LLC
CNO DOCKET NO. UD-23-01**

Dear Ms. Johnson:

On behalf of Entergy New Orleans, LLC (“ENO”), please find for electronic filing the *August 23rd 1st Public Meeting Materials* that ENO will present in the above referenced Docket. ENO submits this filing electronically and will submit the requisite original and number of hard copies as the Council directs. ENO requests that you file this submission in accordance with Council regulations as modified for the present circumstances.

Should you have any questions regarding the above/attached, please do not hesitate to contact me.

Sincerely,

A handwritten signature in blue ink that reads 'Keith D. Wood'.

Keith D. Wood

KDW/bkd
Enclosures

cc: Official Service List via email



August 23, 2023

2024 ENO IRP—Public Meeting #1
Docket UD-23-01
Overview of Planning Analyses, Inputs, and Assumptions

Keith Wood
Director, Resource Planning & Market Operations
Entergy New Orleans



Today's Meeting

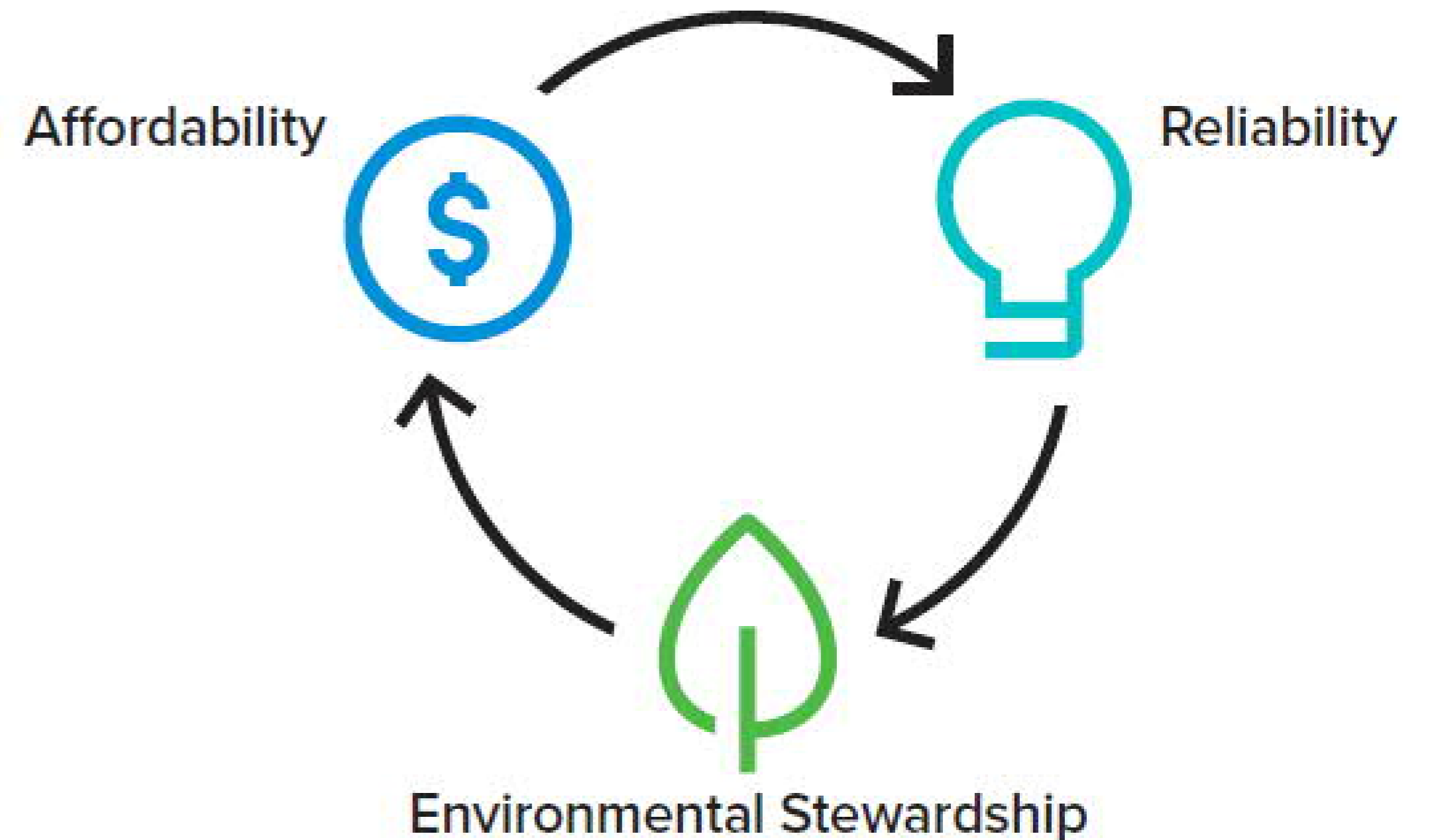
- Today is the first step in an extensive and collaborative process to develop ENO's 2024 Integrated Resource Plan (IRP) Report
- This presentation will review:
 - the purpose of the IRP;
 - the supply side and demand side analyses performed in developing the IRP; and
 - the process, timeline, and schedule for developing the IRP

What is the Integrated Resource Plan (IRP)?

- The Integrated Resource Plan is a study that looks at how ENO can reliably, affordably, and sustainably serve its customers' electricity needs over the next 20 years
- Electric needs are served through different supply resources (e.g., generation) and demand side resources (e.g., energy efficiency)
- The study develops multiple portfolios of resources and the associated costs to serve customers
- Portfolios are developed through modeling that considers different inputs and assumptions (e.g., projected customer demand, existing generation, projected costs of energy efficiency programs, fuel costs)
- ENO, stakeholders, and the Council Advisors agree on different market futures (called Planning Scenarios) and policy assumptions for New Orleans (called Planning Strategies) that incorporate inputs and assumptions at different levels
- Modeling software produces a portfolio for each combination of a market future and a policy assumption; additional portfolios are developed manually to address specific objectives
- Further analysis is conducted on several of the portfolios to produce 20-year projected costs to serve customers

Resource Planning Objectives

- **Affordability** means keeping customer costs reasonable, considering current and future cost impacts of infrastructure improvements made on behalf of our customers, and taking advantage of scale to provide cost synergies.
- **Reliability** means ensuring that the stability of the grid is maintained through adequate resources to meet capacity and energy needs along with adequate transmission and distribution systems to ensure that power is consistently delivered to customers.
- **Environmental Stewardship** refers to the use and protection of the natural environment, ensuring compliance with existing and likely regulation adaptability of resources, and paths towards a lower-carbon economy.



Key Inputs and Assumptions

- **Peak load and Energy Forecast**
- **Long Term Capacity Need**
- **Existing Fleet Capability**
- **Supply Side Alternatives**
- **Demand Side Programs**
- **Fuel Forecast**
- **CO2 Price Forecast**

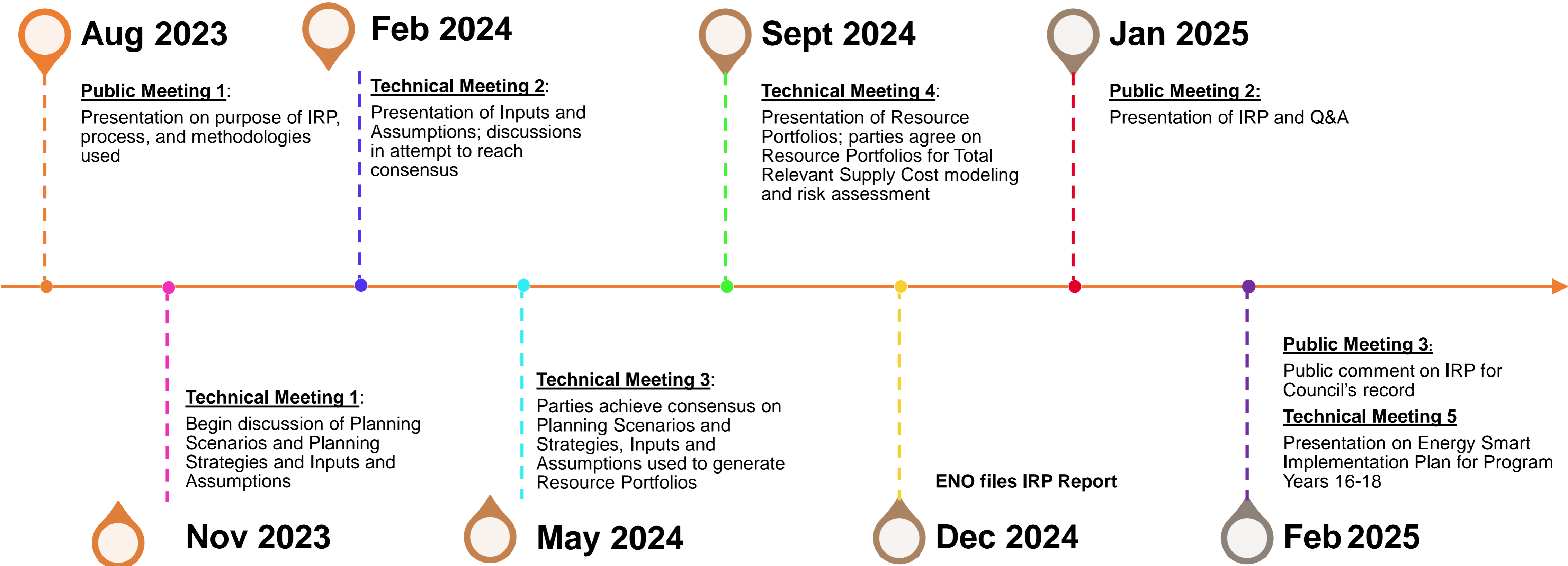
Planning Scenarios and Strategies

- **Planning Scenario**—Definition of market outlook consisting of key parameters not controlled by ENO or the Council (Macroeconomic)
- **Planning Strategy**—Defined set of resource constraints, regulatory policies, or business decisions over which ENO, the Council, or Intervenors have control (Microeconomic or Policy Sensitivities; specific to New Orleans)
- Each Scenario combined with each Strategy results in one **Optimized Resource Portfolio**
- The 2021 IRP included three Planning Scenarios and four Planning Strategies which produced an initial set of **12 optimized portfolios**
- Three additional **Manual Portfolios** were developed to study specific policy drivers for New Orleans

IRP Report

- IRP report is due to be filed in December 2024
- Will include several sections, as well as supporting analysis and a description of the process and inputs used:
 - Resource Portfolios: A range of different resource portfolios optimized to address different possible future scenarios and strategies
 - Cost/Risk Analysis: Assessment of quantifiable costs and risks of identified portfolios
 - Policy Scorecard: A matrix of qualitative and quantitative metrics as described in the IRP Rules and Initiating Resolution to assist the Council in assessing the IRP report
 - Distributed Energy Resource (DER) Integration Report: An assessment of the progress made to install systems and conduct training necessary for ENO to be able to evaluate integration of DERs into the distribution grid
 - Action Plan: Timeline and plan of steps proposed as a result of the IRP

Stakeholder and Public Process Review



CERTIFICATE OF SERVICE
UD-23-01

I hereby certify that I have served the required number of copies of the foregoing pleading upon all other known parties of this proceeding individually and/or through their attorney of record or other duly designated individual.

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New Orleans, Louisiana, this 9th day of August, 2023



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