

September 11, 2017

**BY HAND DELIVERY**

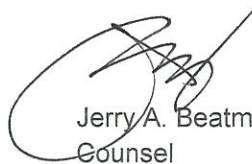
Ms. Lora W. Johnson  
Clerk of Council  
Council of the City of New Orleans  
City Hall, Room IE09  
1300 Perdido Street  
New Orleans, LA 70112

Re: 2018 Triennial Integrated Resource Plan of Entergy New Orleans, CNO Docket No. UD-17-03

Dear Ms. Johnson:

Enclosed please find an original and four (4) copies of the *Public Meeting Presentation of the 2018 Triennial Integrated Resource Plan of Entergy New Orleans*, which we are requesting be filed on behalf of the Council's Utility Advisors. Please file the enclosed document and this letter in the record of this proceeding in accordance with your normal procedure.

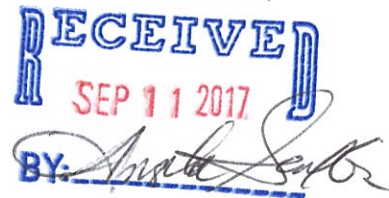
Sincerely,



Jerry A. Beatmann, Jr.  
Counsel

JAB/dpm  
Enclosures

cc: Official Service List



SEP = 4 07

**Integrated Resource Plan**  
**of**  
**Entergy New Orleans**

**Initial Public Meeting**  
**September 25, 2017**

# Initial Public Meeting

## Topics

- Purpose of the IRP (Advisors)
- The IRP Process, Timeline, and Procedural Schedule (Advisors)
- Analyses Performed During the IRP Process, Including Inputs and Assumptions Thereto (Entergy New Orleans)
- Ways In Which the Public May Participate in the Proceeding (Advisors)



# Before We Get Started

## Resolutions Governing the IRP Process

- **R-17-332** - Adopted the Electric Utility Integrated Resource Plan Rules of the Council of the City of New Orleans (IRP Rules)
  - Supersede IRP Requirements Adopted by Resolution No. R-10-142
- **R-17-429** - Approved two amendments to the IRP Rules
  - Added an Introductory Statement to the IRP Rules
  - Clarified the Actions the Council May Take with Respect to the IRP After Consideration of All of the Evidence Entered into the Record
- **R-17-430** - Initiating Resolution Regarding the 2018 Triennial IRP Planning Process



# Purpose of the IRP

## Excerpts from IRP Rules Introductory Statement

- Inform and empower effective council and utility decision making
- Enhancing public awareness of and input into the utility's energy choices
- Provide a full picture of all reasonably available resource options in light of current and expected market conditions and technology trends
- Generate an informed understanding of the economic, reliability, and risk evaluation of utility resource planning as well as the associated social and environmental impacts
- Encourage and enforce a transparent process that allows all interested constituents and stakeholders to participate
- Foster the development of a complete administrative record upon which informed council decision-making can occur



# Purpose of the IRP

## Planning Tool, Not Resource Acquisition Proceeding

- IRP Rules, Section 1
  - “Each Utility IRP is intended to serve as a general resource planning tool to the Utility and the Council, rather than a forum for the approval of the acquisition, implementation, or deactivation of any supply-side or demand-side resource.”
- Council Resolution R-17-332
  - “... an IRP process should be a broad analytical framework and not a vehicle for the consideration of specific assets”
  - “... proposals to acquire specific assets should continue to be considered on a case-by-case basis”

# IRP Process

## Initiating Resolution

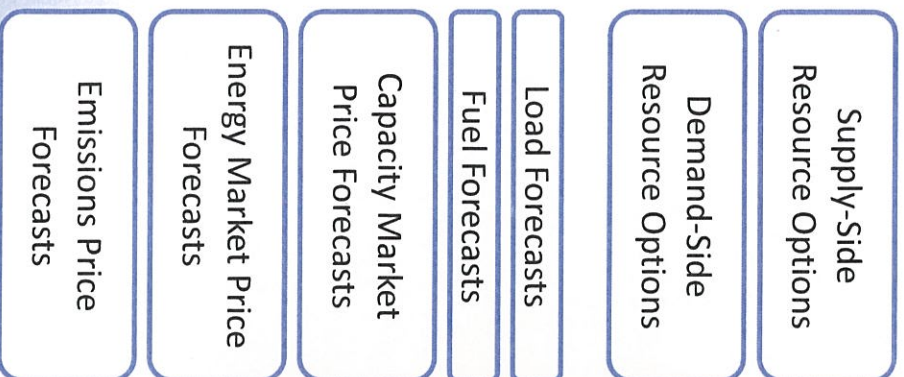
- R-17-430 – (Initiating Resolution) provides details regarding:
  - The IRP Process and Timeline
  - Intervenor and Public Participation in the IRP Process
  - Policy Objectives For Consideration in the IRP Process
    - Optimization Policy Objectives
    - Scorecard Policy Objectives
  - The Council's Desire to Engage an Independent Consultant to Perform a Demand-side Management (DSM) Potential Study for Input to the IRP Process
    - Desire is for a Neutral, Unbiased Expert with Substantial Experience with DSM Potential Studies
  - The Council's Requirement that ENO Include with Its IRP Filing a Report Detailing the Development of Modeling Capability to Integrate Distributed Energy Resources



# IRP Process

Informs IRP Development and Ultimately the Results

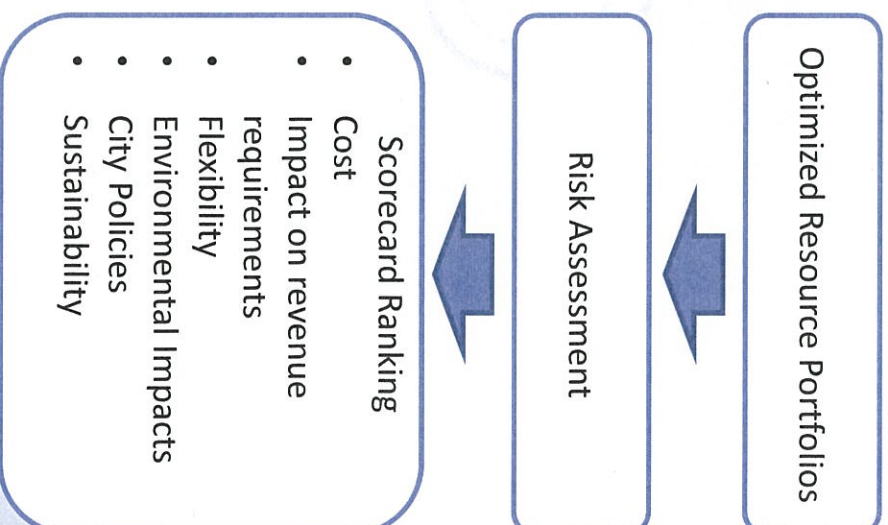
## Inputs



## Utility Modeling



## Results





# IRP Process

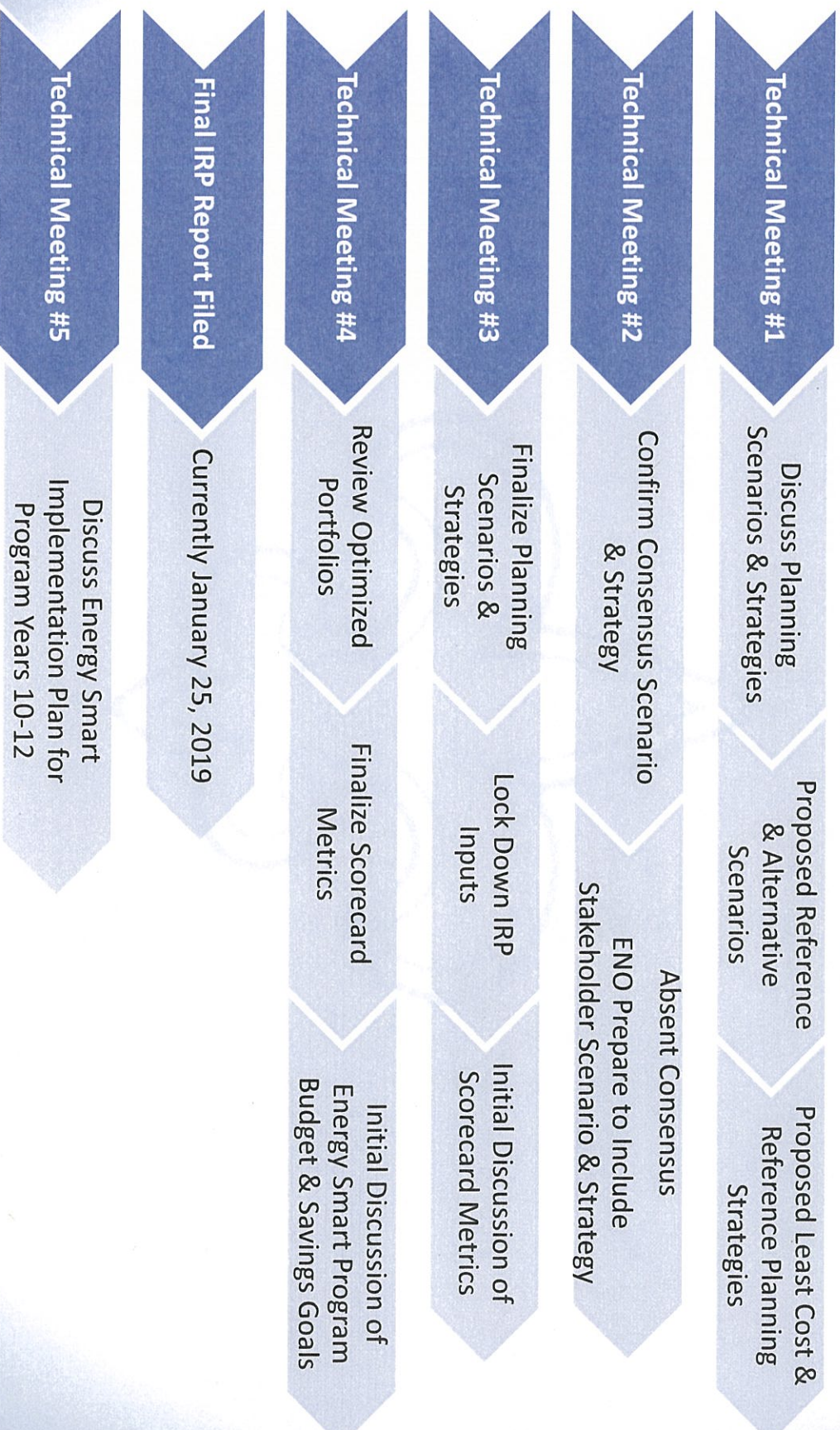
Advisor and Stakeholder Input is Important

- The Development of the IRP Requires Complex Software Which Requires Forecasts on an Hourly Basis and Performs Detailed Modeling on an Hour by Hour Basis
- The Output of Detailed Modeling is of Little or No Value if the Inputs to the Model are Inappropriate
  - Garbage In / Garbage Out
- Developing Inputs to the IRP Modeling is Critical
  - Opinions on Inputs May Differ Due to Perspective
  - Specific Inputs Need Not Predict the Future, However the Array of Inputs Should Reasonably be Expected to Encompass the Future
- The Technical Meetings Established by the IRP Process Form the Backbone by Which ENO, Advisors, and Stakeholder Input is Exchanged and Discussed



# IRP Process

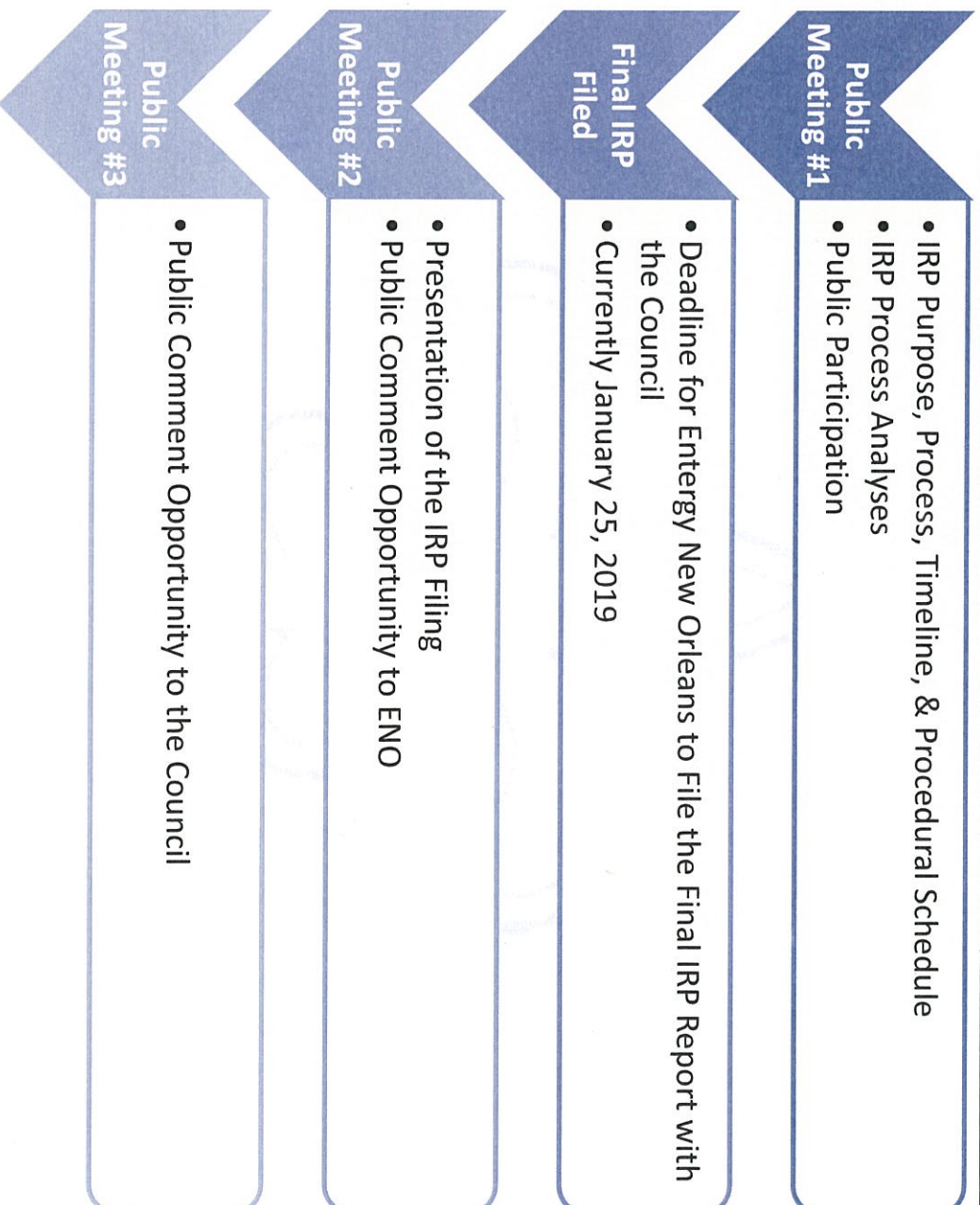
## Flow of Technical Meetings





# IRP Process

## Flow of Public Meetings



# IRP Procedural Schedule

## (Potential Future Revisions based on RFQ for DSM Study)

<u>IRP Milestones</u>	<u>DSM Potential Study</u>	<u>Technical Meetings</u>	<u>Public Meetings</u>
	RFQ For DSM Consultant		Public Meeting #1
	Selection of DSM Consultant		
	Potential Studies Submitted	Technical Meeting #1	
Lock Down of IRP Inputs		Technical Meeting #2	
		Technical Meeting #3	
Optimized Portfolios / Results		Technical Meeting #4	
Final IRP Report Filed			Public Meeting #2
		Technical Meeting #5	Public Meeting #3
Intervenor Comments on IRP			
ENO Reply Comments on IRP			
Advisors Report on IRP			

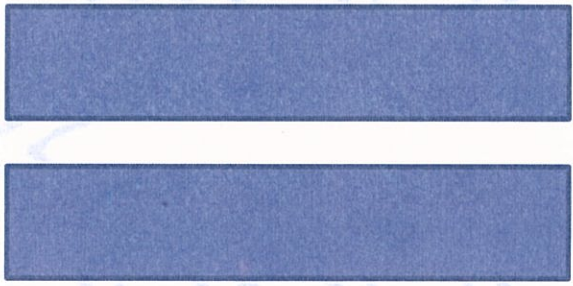
Sep-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19
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# ENO Presentation

(Hold Advisor Presentation to Allow ENO to Present)

- Entergy New Orleans Presentation on the Analyses Performed During the IRP Process, Including Inputs and Assumptions Thereto



# How To Participate

- Three Ways To Participate
  - Intervenor
    - Must File Motion for Intervention by October 16, 2017
    - Participation is More Technical
    - Official Status in Docket
    - Participate in Technical Meetings
    - Perform Detailed Review of Analyses
    - File Written Comments in Docket
  - Interested Person
    - Must Notify the Council Utility Regulatory Office
    - Real Time Monitoring of the IRP Process
    - Receive Copies of All Filings, Issuances, and Notices
    - Participate In Public Meetings
    - Provide Verbal Comments to ENO and the Council
  - Public
    - Participate In Public Meetings
    - Provide Verbal Comments to ENO and the Council