December 6, 2024

VIA ELECTRONIC MAIL
Clerk of Council
1300 Perdido Street
Suite 1E09
New Orleans, LA 70112

RE: UD-23-01 – Triennial Integrated Resource Plan of Entergy New Orleans, LLC

Dear Clerk of Council,

Attached you will find a proposed updated score card metric for the 2024 Integrated Resource Planning Process. The evaluation metric provided in the attachment allows for scoring based on alignment with the City's Climate Action Plan goals of achieving 100% clean grid electricity by 2035.

Should you have any questions, comments, or concerns, please contact either Greg Nichols (grnichols@nola.gov) or Sophia Winston (Sophia.winston@nola.gov).

In Service,

Sophia Winston
Energy Policy & Program Manager
Office of Resilience & Sustainability
Suite 7E05
New Orleans, LA 70112

ENO 2024 IRP Scorecard Parameters & Descriptions

Utility Cost (Portfolio optimization in AURORA)	
Expected Value	The average total relevant supply cost of portfolios across scenarios and relative to other optimized portfolios (all scenarios are weighted equally)
Utility Costs Impacted on ENO's Revenue Requirements	
Net present Value of Revenue Requirements	The total relevant supply cost of the portfolio in the Scenario in which is was optimized
Nominal Portfolio Value (residential/other customer classes)	A sum of the initial 5 years of the planning period
Risk/Uncertainty	
Distribution of Potential Utility Costs	The standard deviation of total relevant supply cost across scenarios divided by the expected value to get to a coefficient variant
Range of Potential Utility Costs	The sum of the total relevant supply cost upside and downside risk of Portfolios
Probability of high CO2 intensity	Probability of high CO2 intensity in the initial 5 years of the planning period
Probability of high groundwater usage	Probability of high groundwater usage in the initial 5 years of the planning period
Reliability	
Relative Loss of Load Expectation	The relative amount of "perfect capacity" added or subtracted to obtain the 0.1 Loss of Load Expectation target in the final year of planning period
Flexible Resources	The total MW of ramp available in the final year of the planning period
Quick Start Resources	The total MW of quick start available in the final year of the planning period (includes supply and demand side dispatchable resources)
Environmental Impact	
CO2 Intensity	The cumulative tons of CO2/GWh over the planning period
Groundwater Usage	The cumulative percentage of energy generated by resources that use ground water
Land Usage	The cumulative acreage necessary for supply plan resources over the planning period
Consistency with City Policies/Goals	
Renewable and Clean Portfolio Standard (RCPS)	The average annual percent of a portfolio's clean energy targeted to align with Schedule 3.A of the RCPS

Alignment with City of New Orleans' Climate Action Plan Goals (100% Renewable by 2035)	The average annual percent of a Portfolio's clean energy targeted to align with Climate Action Plan goals for 100% clean energy generation by 2035
Macroeconomic Impact with ENO	
Macroeconomic Factor (jobs, local economy impacts)	DSM spending represents only quantifiable macroeconomic impact at this time. Future ability to evaluate/model DERs could provide additional basis for comparison

Score Card Metrics

Utility Cost (Portfolio optimization in AURORA)	**Measure**	**A**	**B**	**C**	**D**
Expected Value	1-10 Grading Scale	>7.5	7.5-5.01	5-2.51	≤2.5
Utility Costs Impacted on ENO's Revenue Requirements					
Net present Value of Revenue Requirements	1-10 Grading Scale	>7.5	7.5-5.01	5-2.51	≤2.5
Nominal Portfolio Value (residential/other customer classes)	1-10 Grading Scale	>7.5	7.5-5.01	5-2.51	≤2.5
Risk/Uncertainty					
Distribution of Potential Utility Costs	1-10 Grading Scale	>7.5	7.5-5.01	5-2.51	≤2.5
Range of Potential Utility Costs	1-10 Grading Scale	>7.5	7.5-5.01	5-2.51	≤2.5
Probability of high CO2 intensity	1-100% Grading Scale	<33%	>33%	>66%	=100%
Probability of high groundwater usage	1-100% Grading Scale	<33%	>33%	>66%	=100%
Reliability					
Relative Loss of Load Expectation	1-10 Grading Scale	>7.5	7.5-5.01	5-2.51	≤2.5
Flexible Resources	1-10 Grading Scale	>7.5	7.5-5.01	5-2.51	≤2.5
Quick Start Resources	1-10 Grading Scale	>7.5	7.5-5.01	5-2.51	≤2.5
Environmental Impact					
CO2 Intensity	1-10 Grading Scale	>7.5	7.5-5.01	5-2.51	≤2.5
Groundwater Usage	1-100% Grading Scale	<33%	>33%	>66%	=100%
Land Usage	1-10 Grading Scale	>7.5	7.5-5.01	5-2.51	≤2.5
Consistency with City Policies/Goals					
Renewable and Clean Portfolio Standard (RCPS)	1-(-15%) Grading Scale	100% Low Carbon	>66% Low Carbon	>33% Low Carbon	<33% Low Carbon
Alignment with the City of New Orleans Climate Action Plan Goals (100% Clean by 2035)	100%	100% Clean Energy	≥66% Clean Energy	≥33% Clean Energy	≤33% Clean Energy
Macroeconomic Impact with ENO					
Macroeconomic Factor (jobs, local economy impacts)	N/A	N/A	N/A	N/A	N/A

*In accordance with the RCPS stance on Carbon Capture, Carbon Capture would not align with Climate Action Plan scoring metrics and clean energy can be defined as resources including but not limited to, Solar, Wind, Hydroelectric, Battery Storage, Geothermal, Energy Efficiency/Demand Response, and Nuclear.