

2024 Entergy New Orleans Triennial IRP

Stakeholder Scenario Submission

On Behalf of: The City of New Orleans Office of Resilience &
Sustainability, Alliance for Affordable Energy, Southern Renewable
Energy Association

Description	Strategy 4 – Stakeholder Planning Strategy, Accelerating Grid Cleaning in line with 2022 ORS Climate Action Plan
Resource Portfolio Criteria & Constraints	800 MWs of renewables by 2030
Objective	Accelerate the RCPS* and diversify the clean/renewable ENO portfolio by exploring solar, batteries, wind, energy efficiency, and 45v tax credit eligible only hydrogen, through local generation or PPAs.
DSM Input Case	2.44%
Manual Portfolio	255 MW of solar by 2030 – including 10 MW of DERs and 55 MW of community solar & utility scale solar projects within Orleans Parish
Sensitivity	TBD

*An accelerated rollout of RCPS is a scenario to explore, not a call to amend the RCPS ruling

Description	Scenario 4 - Stakeholder Planning Scenario
Peak Load & Energy Growth	High
Natural Gas Prices	High
MISO Coal Deactivations	All ETR & MISO Coal deactivated by 2030
MISO Natural Gas CC Deactivations	Deactivated by 2035
MISO Natural Gas Other Deactivations	Deactivated by 2035
Carbon Tax Scenario	High Cost
Renewable Capital Cost	Low Cost
Narrative	<ul style="list-style-type: none"> -High adoption of residential/commercial/industrial electrification through 2035 -40% adoption of single occupancy and light duty Electric Vehicles by 2035 -Diversified Renewable portfolio including Solar, Wind, Battery, 45V Hydrogen to achieve 800 MW renewable portfolio by 2030 -255 MW of solar generation within Orleans Parish by 2030