

Stakeholder Priorities,
Scenarios, and Strategies
Draft

17-03 IRP 2018

Technical Meeting 2 - September 14, 2018

- *These notes and tables are meant as a starting point for a conversation at the 2nd Technical Meeting of the 2018 IRP.*
 - *These materials are not intended to be firm positions or stipulations and do not reflect an official agreement of all stakeholders.*
 - *The Alliance for Affordable Energy presents these notes following conversations with multiple intervenor representatives.*
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- High bills, Climate Change, Reliability are leading priorities. An IRP in New Orleans should address these persistent challenges.
 - An IRP for New Orleans should be aligned with policies and investments made at the local/state level and make energy resources part of the solutions that improve equity, and make our community more resilient to climate change.
 - Efficiency, renewables, and advanced technology like energy storage and microgrids provide multiple benefits including jobs, health, and climate mitigation.

Questions and notes from some Stakeholders:

- Difficult to pinpoint actual peak demand forecast (with/out Peak Reserve Margin) based on recent ENO filings, discovery, and two DSM studies.
- It is unclear how or if ENO intends to analyze or model distributed resources (solar, storage, etc) outside peak reduction.
- MISO retirements expectation: Which ENO scenario accounts for ELL's significant projected retirements from 2026-2033? Retirement planning at the corporate level should be transparent where it impacts New Orleans ratepayers.
- Base and "high" CO2 projections appear to vary among Entergy Corp IRPs.
- Assumptions re: Renewable costs are not transparent (fixed v. tracking, wind, etc)
- Stakeholders are aware of at least one underperforming owned asset, and are interested in ENO's position on planning for potential early retirement or costs related to underperforming assets.

Stakeholder Scenario

Peak Load / Energy Growth

Energy Growth: Optimal Baseline forecast
Peak Load Growth: Optimal Baseline Forecast

Natural Gas Prices

EIA projections for Henry Hub

Market Coal/Gas
Deactivations

To be discussed re: Entergy corp(and ELL) plans for deactivation

Magnitude of Coal/Gas
Deactivations

MISO market additions: RE+
Gas mix

75%/25%
Q: Does modeling presume MISO South only?

CO2 Price Forecast

Stakeholders know a CO2 price should be included. Appropriate price to be discussed. Consider carbon-cost funding mechanism for expanded DSM ("RGGI")

	Council DSM Strategy	Some Strategies for Consideration		
Portfolio Criteria & Constraints	Optimal DSM Program	Renewables Replacement	Distributed/ Resilience	Peak Demand Reduction
Description	Stakeholders believe ENO must run Optimal plan similar to ENO's proposed "Strategy 2" to get clear picture of the impact of Optimal's program on its own.	Over course of time horizon, all deactivated fossil assets are replaced with Renewable Energy Resources and Demand Side Management.	New resources distributed in Orleans Parish, including microgrids. Intended to build resilient system that also provides every day energy services to residents/businesses. Customer sited/owned resources are a priority.	Reduce Peak demand by 15% over 20 year time horizon.
DSM input	Optimal Program level DSM	Optimal Program level DSM	Optimal Program Level DSM	Optimal Program level DSM