New Orleans and Renewables

A Look at Proposed RPS Plans
Mandatory: Resilient- Renewable Portfolio Standard

20% Renewable (or EE) by 2023;
25% Renewable (or EE) by 2025;
40% Renewable (or EE) by 2029;
55% Renewable (or EE) by 2033;
100% Renewable (or EE) by 2040.

Significant focus on local renewables/resources and economic development.
Community solar, growth of rooftop renewables and, microgrid/battery

Economically and racially equitable programs: Public Purpose Fund
[jobs, resource ownership, low-income bill impact protection]
Entergy

Voluntary: Clean Energy Standard (includes existing nuclear)

70% “clean” energy by 2030
Assumes existing 40% nuclear will increase to 60% and adds
145 MW new renewables

Electrify S&WB (by Entergy)
Receive Clean Energy Credit for Energy Smart (efficiency program)
Mandatory: New Orleans Renewable Portfolio Standard W/ Clean Energy Req

10% Renewable by 2025
15% Renewable by 2030
23% Renewable by 2035
35% Renewable by 2040

100% Clean (including nuclear) by 2050

Supportive of local resources
Penalty measures
New Orleans Council Advisors
Alternative 2

Mandatory: Renewable and Clean Portfolio Standard (includes Nuclear)

62% compliance, (25% RECs allowed) by 2021
80% compliance, (20% RECs allowed) by 2030
100% compliance (20% RECs allowed) by 2040
100% compliance (0% RECs allowed) by 2050

Through 2040, prioritizes reduced emissions in Orleans Parish
Carbon Capture, Utilization, and Sequestration
Electrification of transportation and S&WB
CleanNOLA fund for above priorities
New Orleans Council Advisors
Alternative 3

**Mandatory: Resilient and Renewable Portfolio Standard**

- 20% renewable/EE by 2023
- 25% renewable/EE by 2025
- 40% renewable/EE by 2029
- 55% renewable/EE by 2033
- 100% renewable/EE by 2040

**Public Purpose Fund to fund programs for Low-Income customers**
Center for Climate and Energy Solutions

Mandatory: Clean/ Renewable Energy Standard
30% RPS & 90% CES by 2030
100% CES by 2050

Air Products and Services
Opposed to a mandatory RPS
2019 Entergy NOLA Resource Plan

Includes New Gas Plant

Most expensive

All renewable new resources

Least expensive

Source: Entergy
Some Facts about Existing Energy Resources

- New gas plant expected to retire in 2050
- Grand Gulf Nuclear expires 2044
- Waterford Nuclear expires 2044
- Riverbend Nuclear license expires 2045
- ANO Nuclear license expires 2035-2038
- Union Power station (55% of ENO current capacity) retires 2032
- ENO expects 150 MW of Fossil Fuel PPAs to retire by 2039. (IRP)