



# Duke Energy Nuclear Sustainability Nuclear Suppliers Workshop

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October 2, 2018**

# Current Nuclear Fleet

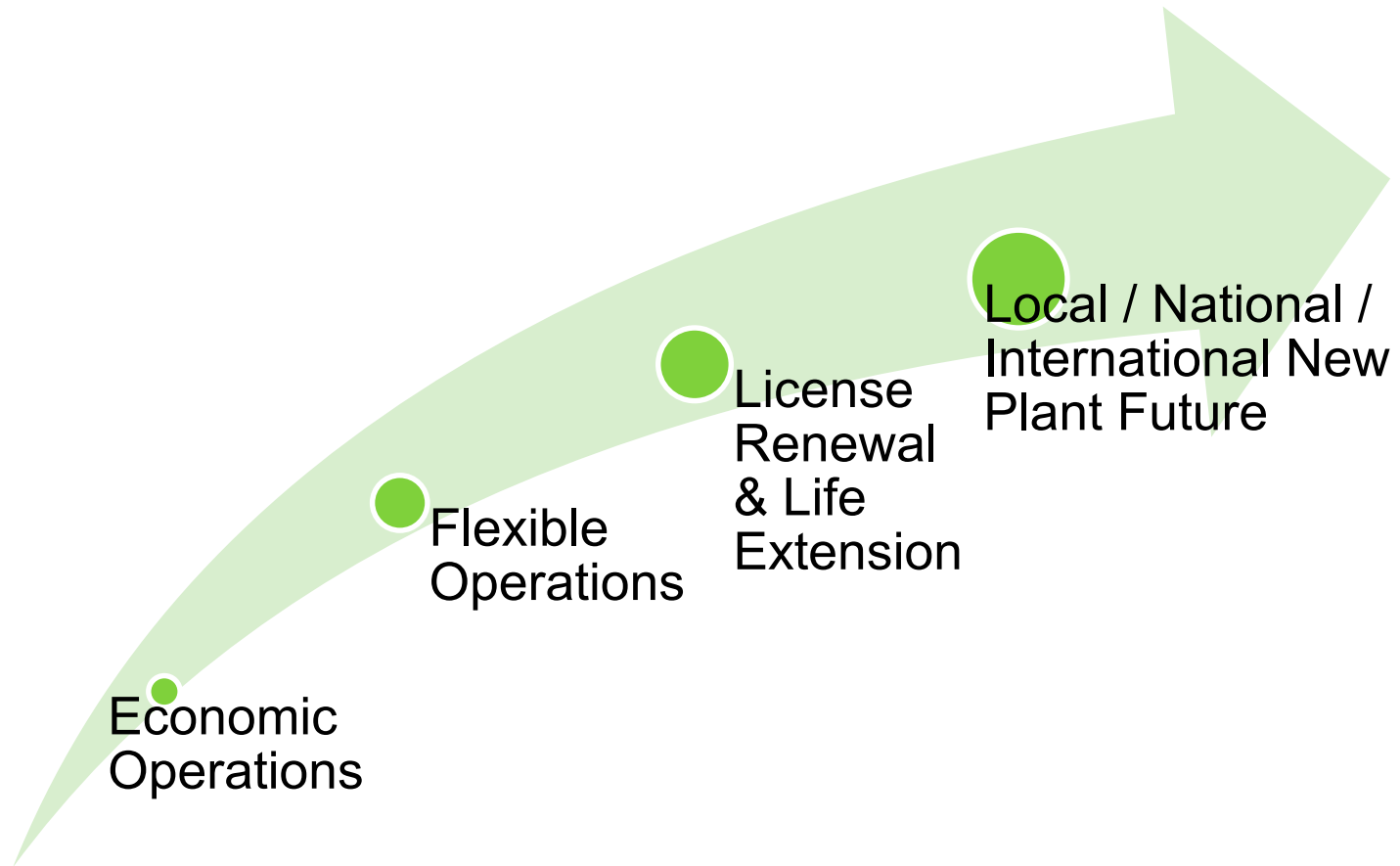


- Duke Energy Carolinas Service Area
- Duke Energy Progress Service Area
- Overlapping Areas

**Duke Energy owns 100% of all units except the Catawba units.**

Station	Capacity (MW)	Units	Commercial Operation	License Expiration
Oconee	2,554	3 PWR	1973	2033, 2034
Catawba	2,290	2 PWR	1985	2043
McGuire	2,316	2 PWR	1981	2041, 2043
Brunswick	1,870	2 BWR	1975	2034, 2036
Harris	928	1 PWR	1987	2046
Robinson	741	1 PWR	1971	2030
Crystal River	Retirement announced 2013			
<b>Total</b>	<b>10,699</b>	<b>11</b>		

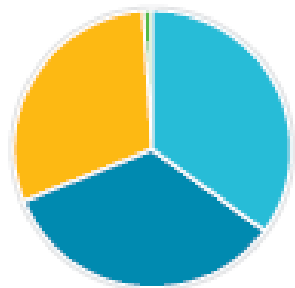
# Nuclear Sustainability



# Duke Energy Commitment to the Environment

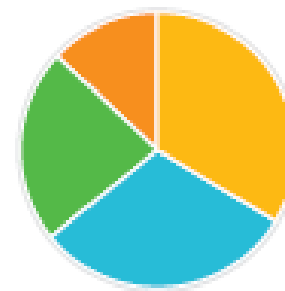
- Duke Energy is committed to a low-carbon future, as outlined in 2017 Climate Report to Shareholders
- In 2017, operation of our nuclear fleet avoided release of as much CO<sub>2</sub> as is released from more than 17 million passenger cars.
- Our nuclear fleet plays an important role in our company's efforts to lower carbon emissions. One pathway to 2050:

2017 Regulated Utility Generation (MWh)



35% Existing nuclear  
1% Hydro/solar  
30% Natural gas  
34% Coal

2050 Regulated Utility Generation – Pro-Rata Reductions (MWh)



31% Existing nuclear  
23% Hydro/solar/wind  
33% Natural gas  
13% New load-following zero-emitting