



NC DEQ
SECRETARY'S ENVIRONMENTAL
JUSTICE AND EQUITY
ADVISORY BOARD

Executive Order 80: Status Update

February 24, 2020

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E080 Website

deq.nc.gov/climate-council



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Climate Change & Clean Energy: Plans & Progress

- Clean Energy Plan**
Department of Environmental Quality
- North Carolina ZEV Plan**
Department of Transportation
- Motor Fleet ZEV Plan**
Department of Administration
- Clean Energy and Clean Transportation Workforce Assessments**
Department of Commerce
- Climate Risk Assessment & Resiliency Plan**
Department of Environmental Quality
- Comprehensive Energy, Water & Utility Use Conservation Program**
Department of Environmental Quality
- Greenhouse Gas Inventory**
Department of Environmental Quality
- Climate Change Interagency Council**
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Participating Agencies

- [Department of Health and Human Services](#)
- [Department of Information Technology](#)
- [Department of Military and Veterans Affairs](#)
- [Department of Natural and Cultural Resources](#)
- [Department of Revenue](#)
- [Department of Public Safety](#)
- [Department of Transportation](#)

*EO80 Section 4:
North Carolina Clean Energy Plan*

NC Clean Energy Plan



- Part 1: Energy Sector Profile and Landscape
- Part 2: North Carolina's Energy Resources
- Part 3: Electricity Rates and Energy Burden
- Part 4: Stakeholder Engagement Process
- Part 5: Energy and Emissions Modeling
- Part 6: Clean Energy Jobs and Economic Outlook

<https://deq.nc.gov/energy-climate/climate-change/nc-climate-change-interagency-council/climate-change-clean-energy-16>

NORTH CAROLINA CLEAN ENERGY PLAN GOALS

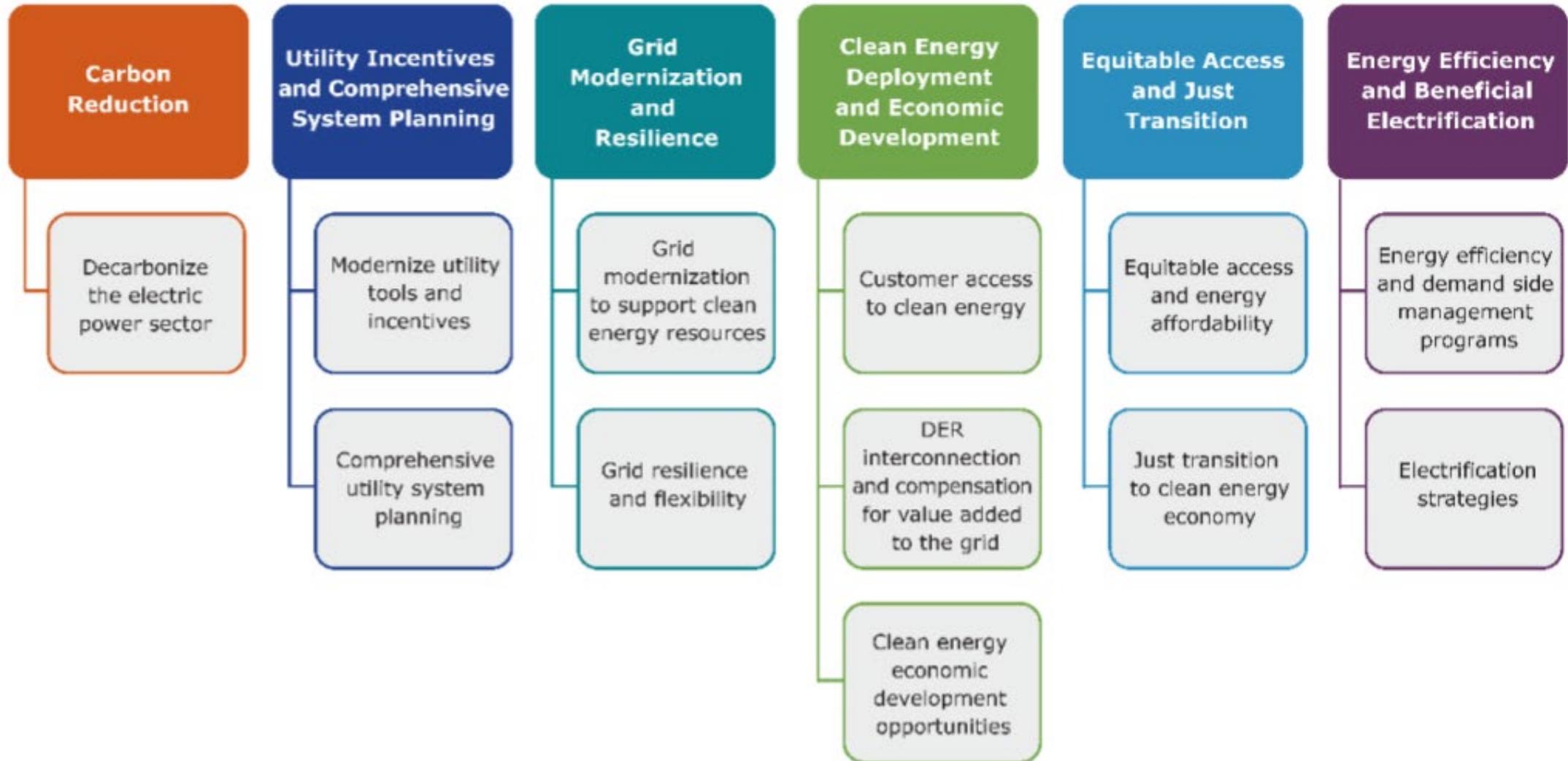
CO₂
Reduce electric power sector greenhouse gas emissions by 70% below 2005 levels by 2030 and attain carbon neutrality by 2050.

People
Foster long-term energy affordability for North Carolina's residents and businesses by modernizing regulatory and planning processes.

Bar Chart
Accelerate clean energy innovation, development and deployment to create economic opportunities for both rural and urban areas of the state.

Figure 14: CEP Goals

Clean Energy Plan Strategy Areas



Equitable Access and Just Transition *Recommendations*

Equitable Access and Just Transition

I. Equitable access and energy affordability

- I-1 Include non-energy equity-focused costs and benefits in decisions regarding resource needs, program design, cost-benefit analyses, and facility siting.
- I-2 Examine the feasibility and proper design of a low-income rate class and associated rate structures, including but not limited to the elimination or reduction of fixed charges for ratepayers with high energy burdens.
- I-3 Expand energy efficiency and clean energy programs specifically targeted at underserved markets and low-income communities.

J. Just transition to clean energy economy

- J-1 Ensure inclusion and meaningful involvement of historically marginalized individuals (people of color and people living in poverty) in decision-making regarding siting electricity generation assets and implementing programs that would affect their energy bills, health, and access to clean energy and energy efficiency opportunities.
- J-2 Launch an EE Apprenticeship program within Apprenticeship NC to expand access to clean energy careers.
- J-3 Create long term jobs with family sustaining wages and benefits in renewables and grid infrastructure industries for low income communities and workers displaced by the transition to a clean energy economy.

■ SHORT TERM ■ MEDIUM & LONG TERM

Implementing the CEP EJE Board Involvement

1. Carbon and Clean Energy Policy Design stakeholder group
2. Energy Process Initiative stakeholder group



*EO80 Section 9:
Climate Science, Impacts, Risks, Adaptation and Resiliency*

EO80 Section 9: Climate Science, Impacts, Risks, Adaptation and Resiliency

N.C. Climate Risk Assessment and Resiliency Plan Development

- DEQ is leading the effort to provide a scientific assessment of current and projected climate impacts on North Carolina and prioritize effective resiliency strategies.
- All cabinet agencies are assessing and addressing climate change by:
 - Evaluating the impacts of climate change on agency programs and operations;
 - Integrating climate change mitigation and adaptation practices into agency programs and operations; and
 - Supporting communities and sectors vulnerable to climate change impacts.
- Collective efforts will be documented in the **Risk and Resiliency Plan** due March 1, 2020



Goal 1b
Oct 11

Goal 2
Dec 2019

Goal 3
March 2020

State Agency Strategies



Local Input from Regional Resilience workshops.

Participants

- Local and Tribal Government Officials
- Local Planners
- Community Organizations
- Business, Commerce, and Agriculture
- Supporting Organizations
- State Agencies

Focus Groups

- Public Health
- Agriculture/Business/Commerce
- People and Community
- Environment and Natural Resources
- Local Planning
- Transportation

Resiliency Focus Sectors

- Public Health
- Public Safety
- Commerce & Business
- Agriculture & Forestry
- Ecosystems
- Water
- Coastal Resources and Structures
- Cultural Resources
- Climate Justice
- Housing, Buildings, and Support Services
- Transportation

Climate and Environmental Justice:

Equity, Risk and Resilience in North Carolina

- Chapter 4 of the Risk Assessment and Resiliency Plan
- Contributors:
 - DEQ (Title VI and Environmental Justice Program)
 - NCORR (Deputy Chief Resilience Officer)
 - DEQ's EJE Advisory Board – Clean and Equitable Transition Subcommittee
 - Regional Resilience Workshops
- Submit final RARP to governor: March 31, 2020

