

North Carolina Energy Efficiency Roadmap: Focus Areas

Jennifer Weiss

Focus Area	Short-Term (1–3 years) Recommendation	Who should take the lead?	Longer Term (3+ years) Discussion
Energy Efficiency Advisory Council (EEAC)	Establish an EEAC to oversee the implementation of the EE Roadmap recommendations (Rec 9)	Governor	
Enhanced Data Tracking	Collect data from existing sources (Rec 30) and apply methodology to state buildings (Rec 21)	Universities, NC State Agencies	Develop a data repository (Rec 31) and enable voluntary reporting of certain metrics (Rec 32)
	Enable “download my data” functionality for electric, natural gas and water utilities (Rec 27)	NCUC (IOU), Legislature (Munis/Co-ops)	Evaluate automatic Energy Data Transfer (Rec 29)
	Develop a database of utility rates (Rec 28)	NCUC (IOU), Legislature (Munis/Co-ops)	
Education and Awareness	Launch Energy Efficiency Everywhere (E3) campaign—educational materials for K–12 and community colleges (Rec 1)	Academic Institutions	
	Develop sector-specific EE Toolkit from existing and new online resources (Rec 3)	University or Nonprofit	
Workforce and Economic Development	Include EE jobs in the Dept. of Commerce’s workforce development assessment (Rec 5)	Dept. of Commerce	
	Collaborate with ApprenticeshipNC to launch an EE Apprenticeship program (Rec 4)	Nonprofit	
Building Code Improvements	Increase energy awareness and action on NC Building Code Council (Rec 6)	Governor	Establish a defined pathway to net-zero energy-ready homes and buildings (Rec 7)
Statewide Clean Energy Fund	Create NC Clean Energy Fund (Rec 18) to include utility financing programs (Rec 19)	Nonprofit	Add in fuel-neutral EE funding source to Clean Energy Fund (Rec 22)

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Regulatory (NCUC) changes/ studies for evaluating EE programs	Commence a cost-effectiveness study (Rec 24) to include evaluation of non-energy benefits (Rec 23)	NCUC	
	Develop new NCUC evaluation criteria for evaluation of all energy programs to include equity and economic development criteria (Rec 14)	NCUC	
Improved EE program efficacy	Establish minimum EE goals within existing REPS (Rec 26)	Legislature	Develop a required/mandatory EERS target (Rec 25)
	Allow flexible NC Agency Funding for EE projects (through NC OSBM) (Rec 20)	Legislature	
Opportunities for new program development	Develop new programs (utility and nonutility) to address needs in underserved markets (Rec 13) to include Hot Water Heat Pump (HWHP) rental program (Rec 16)	NCUC, Utilities	Utilize DSM savings for low-income programs (Rec 15)
	Increase funding for NC Housing Trust Fund to improve energy efficient affordable housing options in the state (Rec 17)	Legislature	
Improved technical assistance for utilities and state agencies	Develop a third party “EE Technical Assistance” administrator to assist municipal utilities, co-ops and state agencies with EE program development and administration (Rec 12)	Nonprofits, Utilities	
	Improve project management coordination for weatherization, urgent repair (Rec 10) with improved measurement and verification of programs (Rec 11)	Nonprofits, Universities, Utilities	

For the full report, visit <https://nicholasinstitute.duke.edu/publications/north-carolina-energy-efficiency-roadmap>

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