

Energy Efficiency and Electrification Workgroup Approved Recommendations

Strategic Area	#	Recommendation
<i>Building Energy Efficiency and Electrification (EE and E) Programs</i>	EE 1	Conduct a comprehensive Greenhouse Gas (GHG) reduction potential study to identify and assess energy efficiency and electrification programs needed for reaching the State's 2050 GHG target.
	EE 2	Assess all potential and existing programs to find gaps, including incentives, and to ensure they are aligned with state climate goals.
	EE 3	Refine and clarify the current state Energy Act to reflect HB99 state GHG goals by: <ul style="list-style-type: none"> ▪ Aligning EE&E reduction targets with the State 2050 GHG mandate after a potential study is complete and the findings are reviewed. ▪ Adding electrification targets. ▪ Ensuring utility Energy efficiency targets do not conflict with the load increase expected from electrification. ▪ Define and clarify how the targets are divided between utilities, DESEU, and DNREC and create a collaborative planning and tracking structure for achieving the state GHG reduction target.
	EE 4	Identify DE-specific barriers and develop a building decarbonization plan to address these barriers (for customers, vendors, installers) and opportunities (Inflation Reduction Act (IRA), Investment in Infrastructure and Jobs Act (IIJA)/Bipartisan Infrastructure Law (BIL), and other fundings) to guide the state's electrification programs, plans, and investments.
	EE 5	Identify and demonstrate opportunities for reducing energy use and GHG emissions among Delaware's largest energy users.
<i>Codes and Standards</i>	EE 6	In state code, clarify the process and timeline by which local governments adopt the state energy code to ensure code implementation, compliance, and enforcement by local government code officials reporting their compliance and enforcement findings to the State Energy Office and conducting energy code compliance studies on a regular basis.
	EE 7	Initiate an analysis of the benefits of a statewide building code that does not have to be adopted by each specific municipality or county (i.e. a statewide umbrella code)
	EE 8	Clarify in the state code that local governments can adopt more stringent building energy codes in the form of stretch codes. Enable and encourage local governments to adopt strengthening or stretch codes through technical assistance and clarifications to the state code.
	EE 9	Support zero net energy (ZNE) and beyond code construction through resources and training.
	EE 10	Conduct a study to determine whether statewide appliance standards are a feasible and cost-effective option towards EE.
	EE 11	Develop building performance and benchmarking standards.
<i>Vehicle Electrification</i>	EE 12	Ensure that electric vehicle charging capacity is installed at new single and multi-family residential buildings and expand the accessibility and affordability of public and multi-family EV charging.
	EE 13	Develop policies and programs to equitably reduce the impact of demand charges on nonresidential consumers and fleet owners, including transit operators.
	EE 14	Develop and recommend strategies that will shift EV charging load and optimize for potential distribution system constraints related to EV charging, including time of use rates, managed charging, and vehicle to grid.
	EE 15	Provide education and technical assistance for commercial customers and car dealers.
	EE 16	Identify and recommend strategies to aid the transportation system in preparing for, and benefiting from, the electrification of transportation.

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	EE 17	Recommend legislation establishing a revised fee structure for all vehicles to include ZEVs and LEVs that will provide for Delaware's infrastructure needs as motor fuel tax income is reduced.
<i>Training, Education, and Community Engagement</i>	EE 18	Promote expanding workforce development opportunities for energy efficiency, electrification, and code compliance efforts by working with educational institutions and other stakeholders.
	EE 19	Increase education for stakeholders and community engagement around energy efficiency and electrification programs, opportunities, and benefits.
<i>Data, metrics, and target-setting</i>	EE 20	Establish a tracking, reporting, and accountability system to accurately measure progress from EE&E programs toward state GHG emission reduction, electrification, and energy efficiency goals.
<i>Funding</i>	EE 21	Minimize utility bill impacts on ratepayers by exploring and leveraging federal and other funding opportunities.