



The future of high-performance, all-electric homes starts here.



Residential New Construction All-Electric



The Sponsors of Energize Connecticut® have launched a new initiative to drive market transformation in residential new construction toward high-performance, all-electric homes. We are offering incentives up to \$10,000, as well as technical assistance to support builders, developers, and homeowners in the construction of new homes that will use substantially less energy than code-built homes, while providing enhanced comfort and long-term resiliency.

What is an All-Electric Home?

These homes use high-performance air source, ground source, or air-to-water heat pump technology for heating, cooling, and water heating. They feature super-insulated building envelopes to minimize heat loss, leaks, and drafts that can cause occupant discomfort and raise energy bills. High-performance, all-electric homes are designed to provide increased comfort, better indoor air quality, reduced energy and maintenance costs, and lower carbon emissions over time.

**Be a part of the newest trend in high-performance home construction.
Call 1-877-WISE-USE to get started.**

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Energize Connecticut – programs funded by a charge on customer energy bills.



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	LEVEL 1		LEVEL 2	
	Single Family (Detached Dwellings)	Multifamily (Attached Dwellings)	Single Family (Detached Dwellings)	Multifamily (Attached Dwellings)
Total UA Alternative Compliance or HERS Index Score [†]	Total UA ≥ 7.5% better than 2021 IECC or HERS Index Score ≤ 55		Total UA ≥ 15% better than 2021 IECC or HERS Index Score ≤ 45	
Heat pump for space heating ^{††}	Required		Required	
Space Conditioning Connectivity & Controls ^{†††}	Optional		Required	
Heat pump for water heating	Required	Optional	Required ^{††††}	
Hot Water Distribution ^{†††††}	Required		Required	
Envelope Infiltration Rate (ACH)	ACH50 ≤ 2.5	CFA > 850ft ² : ACH50 ≤ 4.0 CFA < 850ft ² : ACH50 ≤ 5.0	ACH50 ≤ 2.0	CFA > 850ft ² : ACH50 ≤ 3.0 CFA < 850ft ² : ACH50 ≤ 4.0
Duct Leakage Rate (CFM)	2021 IECC code minimum requirements		All ductwork must be located in conditioned space	
Balanced Ventilation Systems	Optional		Required HRV/ERV (≥70% SRE / ≥40% TRE)	
Induction Cooking	Optional		Required ^{††††††}	Optional
Electric Vehicle Readiness ^{†††††††}	Required		Required	

[†] HERS index score calculated before on-site generation

^{††} Installed air source heat pumps must be Consortium for Energy Efficiency (CEE) Tier 1 for Level 1 standards and CEE Advanced Tier for Level 2 standards (see: <https://cee1.org/content/cee-program-resources>); Ground source heat pumps must be ENERGY STAR™ certified

^{†††} Must meet EPA "connected" criteria or is controlled by an ENERGY STAR™ certified smart thermostat

^{††††} In scenarios where heat pump water heaters (HPWH) cannot be installed due to design limitations, electric resistance storage water heaters can be used, but must meet specific distribution and system efficiency requirements, and at least 50% of the estimated usage must be offset with renewable energy.

^{†††††} All DHW fixtures must be Watersense® certified or equivalent & all DHW piping insulated to ≥R3

^{††††††} Induction cookware not required in low-to-moderate income housing

^{†††††††} CT EV-Ready Checklist required

ALL-ELECTRIC HOME INCENTIVE STRUCTURE		
	Level 1	Level 2
Single Family	\$7,500	\$10,000
Single Family Attached	\$3,000	\$5,000
Multifamily	\$1,500	\$2,500

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