

Maryland Energy Codes: A Strategy Primer

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www.Energy.Maryland.gov

Small agency with a large mission

The mission of the Maryland Energy Administration (MEA) is to promote affordable, reliable, cleaner energy for the benefit of all Marylanders.



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MEA Highlights

Energy policy advice to Governor & General Assembly
Clean energy grant & loan programs – all sectors
Represent State before the Public Service Commission

- 40 staff
- FY2018 Budget @ \$64.7MM NO GENERAL FUNDS
- 98.6% special funds
- 1.2% federal funds
- 0.2% reimbursable funds



MD Energy Codes: Statutory Foundation

- Codes administration by statute through MD Dept. of Labor, Licensing & Regulation
- MD State law:
 - requires adoption of the International Codes Council's International Energy Conservation Code as standard
 - prohibits and regulations that weaken IECC requirements
- Amended only for minor administrative purposes
- 3-year regulatory cycle for code updates

MD Energy Codes: Statutory Foundation

- Adoption of 2018 IECC underway
- State law Ch. 239, Act of 2015 allows “innovative approaches” for codes compliance
- Second half of 2018: DLLR solicited expert opinions
- Public comments received through February 4, 2019
- March 10, 2019 - Earliest anticipated adoption date of IECC 2018
- Localities have up to 12 months to amend and adopt

Codes Implementation

- Historically, MEA partnered with DLLR to roll out codes awareness training across the state – plans for same in 2019
- Training goals: codes transparency for maximum integration into design and new construction activity
- Targeting enforcement officials, architects, builders

“Pushing the Envelope” For State Owned/Financed Facilities

- Maryland Green Building Council (MDGBC) per HB 942 § 4-809 of the State Finance & Procurement Article, approved 4/24/2007
- Staffed by MD Dept. of General Services
- Members:
 - 5 gubernatorial appointees
 - 10 MD agency reps
 - 2 “key participants”



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MD Green Building Council

Promotes State building construction that is:

- Increasingly energy efficient
- Sited, constructed, and operated in manners consistent with the protection of natural resources

Committees for enhanced tactical impact:

- Energy Efficiency Education/Existing Buildings
- Outreach
- Legislation
- Financial Incentives



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High Performance Green Building Program

- State Finance & Procurement Article Code Ann. § 3-602.1 (2014)
- Requires use of green building technologies when constructing or renovating state-owned buildings meeting certain criteria
- Applies to State, agencies, local educational agencies
- Pertains to capital projects:
 - Solely funded by State of MD
 - State-funded new and replacement school construction
 - Community colleges receiving state funds



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High Performance Green Building Program

- Requires one of three green building certification or rating programs
 - Leadership in Energy & Environmental Design (LEED)
 - ICC's International Green Construction Code (IgCC)
 - Green Building Initiative's *Green Globes*



Building Green in Maryland



New Science Facility, Towson University
LEED Silver
316,000 GSF
\$187,819,000
2020 completion

USM A. James Clark BioEng Bldg
LEED Silver
184,000 GSF
\$155,430,000
Complete



Wilde Lake Middle School
Net Zero, LEED Platinum
Howard County
Complete



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90+
K-12 schools across
the state

A large blue crab is positioned on the left side of the image, resting on weathered wooden planks. The crab's body is a mix of green and blue, with its legs and claws showing vibrant blue and red. The background consists of vertical wooden planks with a natural, aged texture.

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