

Your Electric Grid, Your Future: Get Involved

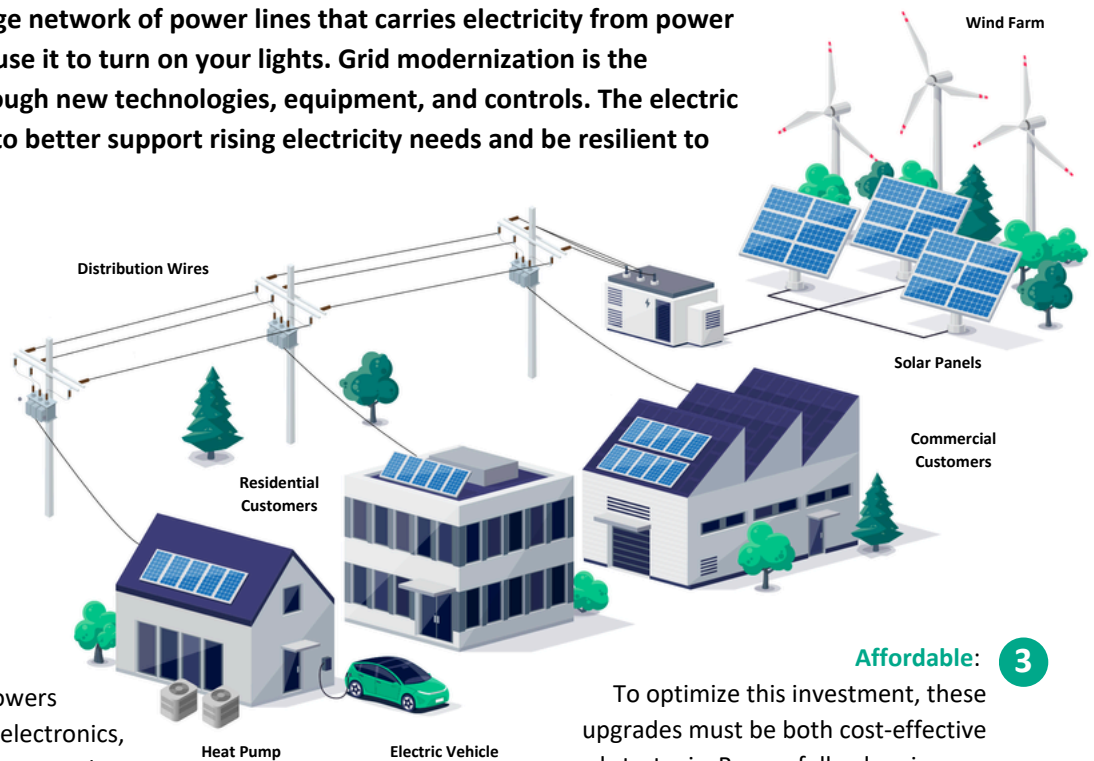
Because your electricity should be clean, affordable, and reliable.

The Grid Modernization Challenge

Think of the electric grid as a large network of power lines that carries electricity from power plants to your home so you can use it to turn on your lights. Grid modernization is the process of updating the grid through new technologies, equipment, and controls. The electric grid needs innovative upgrades to better support rising electricity needs and be resilient to climate change.

1 Clean: To reduce the harmful impact of fossil fuels on the climate, we need to make our energy use more sustainable and clean. Updating our grid to support electrification for homes, vehicles, and renewable energy projects is essential.

2 Reliable: The electric grid powers our homes, transit systems, electronics, and so much more. Just like our roads, we need to update our grid infrastructure (wires, poles, and substations). To meet future demand our grid infrastructure may need to support double the amount of electricity we use now.



3 Affordable:

To optimize this investment, these upgrades must be both cost-effective and strategic. By carefully planning our future grid, we can address today's high utility bills and create a more affordable energy solution.

Turning Massachusetts' Challenge into Progress

The electric utility companies have developed strategic plans for modernizing the electric grid and advancing an equitable clean energy future. The plans:

- promote renewable energy and energy storage adoption
- improve the grid's reliability and resiliency to the impacts of climate change
- enable electrified transportation and buildings
- minimize impacts on customers

Learn More About Your Electric Grid!

Massachusetts has a stakeholder group that provides recommendations on best practices for grid modernization planning. The Grid Modernization Advisory Council (GMAC) represents many interests and organizations, including low-income consumers, environmental advocacy groups, and the renewable energy industry.

Take the next step to learn more about your electric grid by visiting our website! Sign up for the GMAC newsletter at mass.gov/gmac for regular updates on our activities. Send us questions or public comments at MA-GMAC@mass.gov.



<https://bit.ly/MA-GMAC>

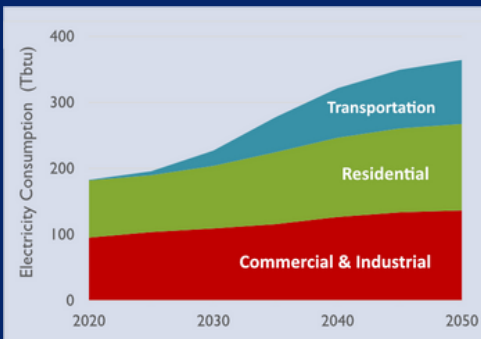
Your Electric Grid, Your Community

Have a say in your community's
energy infrastructure!

A Closer Look: Innovative grid solutions are becoming a reality in Massachusetts. The Hyde Park Battery Project by Eversource is addressing rising energy demand in several Boston neighborhoods whose electrical substations are already at full capacity. Community input will guide plans for siting and paying for this project to support Boston's clean and reliable energy future.



Why Modernize the Grid?



We need to double our electricity supply by 2050 to meet the Commonwealth's climate goals as more people purchase electric vehicles and switch from fossil fuel burning to electric heating systems. This means that our grid infrastructure needs to be updated to ensure we meet our climate goals.

The Challenge

Our current grid cannot support the rapid electricity growth needed to meet increasing demand and our climate goals. Traditional utility investments (substations, poles, and wires) are not enough. An expanded, modern grid will also need alternative clean energy technologies based in local homes and businesses. All these new resources need to be developed strategically, cost-effectively, and equitably.

Your Community's Involvement

Throughout the state, every town has a role to play in contributing to grid modernization discussions, promoting and installing new clean technologies, identifying cost-effective options for expanding the grid, and minimizing siting impacts from new infrastructure installations.



How Are We Addressing This Challenge?

Massachusetts' electric utility companies have created short- and long-term plans for modernizing the grid that:

- promote an equitable clean energy future that includes renewable energy and energy storage
- improve grid reliability and climate resiliency
- enable electrified transportation and buildings
- maximize net benefits to customers.



What Is the GMAC?

The Grid Modernization Advisory Council (GMAC) is a stakeholder group that provides advice and recommendations on best practices for utilities' grid-enhancing Electric-Sector Modernization Plans (ESMPs). The GMAC represents many interests and organizations, including low-income consumers, municipal planners, and the renewable energy industry.

How Can I Represent My Community?

- Attend a public meeting, share your thoughts, and sign up for the GMAC newsletters on our website.
- Send us questions or public comments at MA-GMAC@mass.gov.



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