

FEDERAL ENERGY POLICY PRIORITIES: REDUCE COSTS, STRENGTHEN THE GRID

With Plastic Building Materials

The American Chemistry Council's (ACC) **Plastics Division** represents manufacturers and stakeholders across the building and construction industry that produce materials **critical to improving building performance, reducing energy demand, and supporting a more reliable and affordable energy system.**

These products include:

Spray Foam Insulation
And Air Sealants

Foam Plastic
Board Insulation

House Wraps

Plastic Glazing

Liquid-Applied
Water-Resistive Barriers

Roof Membranes
And More

These products help reduce energy use over the entire life of a building.

Rising Energy Demand Requires Smart Policies

Electricity demand is increasing rapidly due to **data center expansion, electrification, and continued population and economic growth.** Household and business utility costs also are increasing rapidly, along with pressure on the electric grid. Residential and commercial buildings consume nearly three-quarters of all electricity generated in the United States. (DOE)

Sector	Share of U.S. Electricity Consumption
Residential	38.4%
Commercial	35.4%
Industrial	26%
Transportation	0.2%

We must produce
more energy

AND

***maximize our
energy resources
more effectively.***

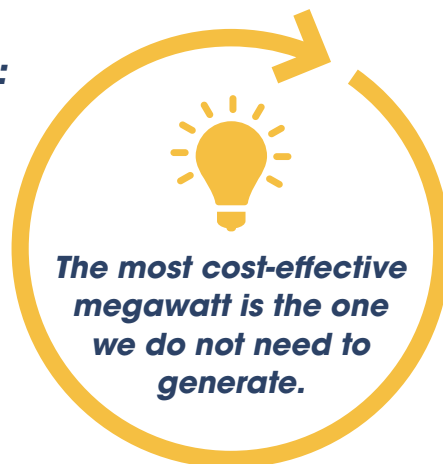
Our Role: Reduce Energy Demand, Improve Affordability

“Building Envelope” = Grid Infrastructure

The building envelope is “grid infrastructure.” Insulation and air sealing help lower the amount of energy the grid needs by **improving the performance of homes and buildings**. And by permanently reducing peak load (heating and cooling), we **help reduce the need for new energy generation and transmission**.

These solutions improve affordability and resilience by:

- Reducing monthly energy bills for homeowners, renters, and businesses
- Supporting housing affordability without new subsidies
- Avoiding the need for more costly energy infrastructure, regardless of fuel type
- Improving business competitiveness through lowering operating costs
- Reducing stress on the grid during peak demand periods
- Enhancing energy security by lowering exposure to price volatility
- Reducing heating and cooling losses, which results in an immediate ROI



Our Asks

- **Support policies** that reduce energy demand and improve affordability in homes and commercial buildings.
- **Advance market-based incentives** that drive private-sector investment in energy demand reduction, including H.R. 8477, the American Energy Dominance Act led by Reps. Fitzpatrick, Carey, Lawler and Miller.
- **Maintain/Strengthen Key Federal Programs**
 - Support updated and regular adoption of consensus-based building energy codes
 - Prioritize retrofit programs and efforts for low-income and market-rate housing
 - Fund DOE building technologies programs and projects
 - Collaborate with building materials manufacturers when developing any legislation that addresses housing or building affordability
 - Ensure adequate funding and resource availability for the EnergyStar program transfer