

# Keeping Up With the AI Boom: Why Our Grid Needs Smart Energy Solutions

This toolkit is designed to help consumers, community leaders, and advocates understand how artificial intelligence and new technologies are driving up energy demand — and what that means for families, small businesses, and the power grid. Use these resources to speak with your elected officials, share your concerns, and support policies that keep energy reliable, affordable, and available for everyone.

## Why Reliable Energy Matters in an AI-Driven World

Artificial intelligence is [transforming](#) how we live and work — but it requires massive amounts of electricity. New AI data centers are being built across the country, and without action, they could strain the power grid.

That means higher bills, more outages, and fewer opportunities for families and small businesses.

To keep up, we need smart, reliable energy solutions: natural gas, nuclear, modern infrastructure, and clean technologies like carbon capture. A balanced energy approach will ensure AI benefits everyone — without leaving consumers behind.

## Building a Stronger, More Reliable Grid

Our power grid wasn't built for today's demands. With AI, electric vehicles, and new industries driving energy use higher, the system is under serious strain.

Grid stress events are on the rise — and without action, families and businesses could face more outages and higher costs.

We need to expand transmission lines, upgrade aging infrastructure, and streamline approvals for critical projects. Investing now in natural gas, nuclear, and modernized systems will protect reliability, lower costs, and keep power flowing for everyone.

## Smart Energy Solutions: What to Ask Lawmakers

Rising energy demand is a real challenge — but we have real, practical solutions. As AI, data centers, electric vehicles, and smart technologies drive up power use, we must urge our leaders to act now to protect affordability and reliability for everyone. Use this checklist when talking to legislators, public officials, or community groups. Every conversation helps shape smart energy policy.

### Support All-of-the-Above Energy Options

- ☐
- Ask lawmakers to support natural gas, nuclear, carbon capture, and hydrogen.
- ☐
- These sources deliver reliable, around-the-clock power that keeps electricity costs down and ensures energy is available when families and businesses need it most.

### Modernize and Strengthen the Grid

- ☐
- Urge investments in power lines, substations, and transmission systems to meet rising demand safely and efficiently.
- ☐
- Call for faster approvals of energy projects by reforming outdated permitting rules — without sacrificing safety.

### Protect Consumer Fuel Choice

- ☐
- Families, small businesses, and communities deserve the right to choose what works best for them.
- ☐
- Encourage legislators to oppose bans or mandates that limit options and raise prices.

### Support Innovation, Not Overregulation

- ☐
- Policymakers should back technologies that make energy cleaner and more affordable — like advanced nuclear, carbon capture, and next-generation renewables.
- ☐
- Ask for real results: lower emissions, stronger grid performance, and affordable bills — not one-size-fits-all mandates.

## Make Your Voice Count

If you're attending a public meeting or submitting written comments on an energy issue, use this sample as a guide. Feel free to personalize it with your own story, but keep it short, respectful, and focused on what reliable, affordable energy means for you and your community.



### SAMPLE PUBLIC COMMENT LETTER

Good [morning/afternoon], and thank you for the opportunity to share my thoughts.

My name is [Name], and I'm reaching out to you today because energy policy affects all of us — our families, our jobs, and our communities.

As new technologies like artificial intelligence create more demand for electricity, it's critical that we invest in affordable, reliable energy. We need natural gas, nuclear, and smarter infrastructure to keep up with growing needs — not just for big companies, but for everyday families who rely on affordable power to heat their homes, run their businesses, and keep food on the table.

Without strong energy solutions, families like mine could face higher bills, more blackouts, and fewer opportunities.

I support smart policies that expand affordable energy choices, invest in our power grid, and protect consumers — because energy is not a luxury. It's essential for every American.

Thank you.

[SPREAD THE WORD](#)

## Why This Matters – Talking Points to Share

- AI and digital growth are driving record-high energy demand — and our grid isn't ready unless we act now.
- Blackouts, price spikes, and infrastructure delays hurt everyday families first.
- Smart, reliable energy sources like natural gas and nuclear are critical to preventing grid failure.
- A strong energy mix supports American jobs, lowers emissions, and powers economic growth — without raising costs.
- Clean energy is important, but it must be balanced with affordable and dependable power.
- We need lawmakers to support commonsense solutions that keep the lights on and prices down.

## The Bottom Line

Talk to your lawmakers. Tell them we need affordable, reliable, and ready-to-go energy to support innovation — without leaving families behind.

Ask them to support practical policies that build a stronger grid, protect consumer choice, and power America's future.

[CONTACT YOUR REPRESENTATIVE](#)