

THE GEO POWER ACT

U.S. SENATOR JOHN HICKENLOOPER

WHAT THEY'RE SAYING

Colorado Governor Jared Polis

"When I chaired the Western Governors' Association, I focused on investing in Geothermal energy because we know the immense potential the 'Heat Beneath Our Feet' has to support our climate goals, reduce pollution, and save people money on energy. Colorado is a leader in advancing geothermal energy, and Senator Hickenlooper's bipartisan Geo POWER Act will build on our work to expand opportunities to deploy more geothermal energy across the United States. I thank Senator Hickenlooper for his leadership with this important bill and urge Congress to pass this law."

Colorado Department of Natural Resources

"Colorado sits atop a vast, low-cost geothermal frontier that remains one of the most significant untapped opportunities in our diverse energy portfolio. Our State is uniquely prepared to lead this expansion because we have already established the regulatory and financial infrastructure required for immediate commercial liftoff. While we have the resources, the Geo POWER Act serves as the precise tactical lever needed to move these projects from potential to production. We applaud Senator Hickenlooper's leadership working across the aisle in identifying innovative opportunities to advance geothermal electricity production and we look forward to working together to ensure Colorado remains at the forefront of geothermal deployment." -Dan Gibbs, Executive Director, Colorado Department of Natural Resources

Geothermal Rising Action

"The Geo POWER Act directly addresses the key barrier to scaling geothermal nationally by enabling technology validation in new regions. Its emphasis on milestone-based financing and public data sharing establishes a clear pathway for transforming a historically regional resource into a national energy asset." - Caity Smith, President, Geothermal Rising Action

The Enhanced Geothermal Systems Deployment Coalition (EGS DC)

"EGS DC applauds the leadership of Senators Hickenlooper and Daines in introducing the Geo POWER Act and continuing the bipartisan momentum behind next-generation geothermal energy. Commercial-scale deployment is a critical next step to proving how enhanced geothermal systems can scale to provide reliable, firm power and help meet America's rapidly growing electricity demand. EGS DC looks forward to working with Senators Hickenlooper and Daines to advance this legislation and continue building bipartisan support for common-sense energy policy to help unlock the potential of enhanced geothermal systems." – The Enhanced Geothermal Systems Deployment Coalition (EGS DC)



Eavor

"Eavor strongly supports the Geo POWER Act, which represents a critical leap towards widespread deployment for the next-generation geothermal industry. We thank Sen. Hickenlooper and Sen. Daines for their leadership on this bill and continued focus on unlocking reliable, affordable, and clean power by providing innovative financing for next-generation geothermal demonstration projects."

Fervo Energy

"Fervo Energy applauds Senators Daines and Hickenlooper for their leadership and enthusiastically endorses the bipartisan Geo POWER Act. We're ready to harness America's vast geothermal resources to deliver reliable, around-the-clock clean power across the United States and need bold policy like the Geo POWER Act to unlock investment in exploration and drilling. The Geo POWER Act helps elevate geothermal deployment to match the speed of innovation and the immediate need for affordable energy. As electricity demand surges, this legislation provides the innovative financing tools needed to accelerate commercial project deployment, expand geothermal into new regions, and deliver affordable and reliable clean power at scale." - Sarah Jewett, Senior Vice President of Strategy, Fervo Energy

XGS Energy

"XGS Energy thanks Senator Hickenlooper and Senator Daines for their leadership on the Geo POWER Act, which will help accelerate next-generation geothermal development in new regions and unlock private investment in scalable, always-on power across the country."

Quaise Energy

"We can expand U.S. energy reserves by 10x over the next 4 years with geothermal," said Carlos Araque, President and CEO of Quaise Energy. "The Geo Power Act introduced by Senators Hickenlooper and Daines is the catalyst we need to get there. It finances demonstration projects and innovations that will break the geographic and economic barriers for geothermal nationwide."

Bipartisan Policy Center Action (BPC)

"Next-generation geothermal has the potential to deliver clean, baseload power across the country, driving down costs for Americans and boosting grid reliability, but innovation gaps are hindering its widespread deployment. The bipartisan Geo POWER Act would address this by giving the Department of Energy the tools it needs to accelerate geothermal technologies. BPC Action applauds Sens. Hickenlooper (D-CO) and Daines (R-MT) for their bipartisan leadership on this important legislation that will have an impact on regions across the United States," says Michele Stockwell, president, Bipartisan Policy Center (BPC) Action.



Center for Climate and Energy Solutions (C2ES)

Given our nation's growing demand for reliable, affordable, and clean energy, there is no time to waste in bringing next-generation technologies to commercial scale. The GEO POWER Act, introduced by Senators Hickenlooper and Daines, would help de-risk early next-generation geothermal projects and demonstrate their viability across a diversity of regions and geographies. This legislation presents a real opportunity to accelerate innovation and increase geothermal capacity across the country. – *Brad Townsend, Vice President, Policy and Outreach, Center for Climate and Energy Solutions (C2ES)*

Citizens for Responsible Energy Solutions (CRES)

“For too long, geothermal energy projects have been sequestered to areas of the country where subsurface heat is close to the surface. However, American-made, innovative technologies are unlocking new areas for this energy source to take off,” said Heather Reams, CRES President & CEO. “CRES applauds Sens. Daines and Hickenlooper’s leadership on the Geo POWER Act, which will accelerate the deployment of next-generation geothermal power throughout the country, further advancing American energy dominance.”

Clean Air Task Force (CATF)

“There is immense potential for next-generation geothermal energy to provide abundant, around-the-clock, clean energy. This bipartisan bill provides critical support for demonstration projects that will catalyze private investment and bolster American innovation to help tap into that potential,” said Terra Rogers, Director for Superhot Rock Energy at Clean Air Task Force. “We look forward to working with policymakers on both sides of the aisle through the legislative process to advance next-generation geothermal and support U.S. innovation and global competitiveness.”

Clean Energy Buyers Association (CEBA)

The bipartisan Geo POWER Act would expand next-generation geothermal demonstration projects across new regions of the United States. By focusing on reducing upfront drilling costs, generating public data to reduce risk for future projects, and using milestone-based financing to advance geothermal innovation, the Geo POWER Act would help accelerate the deployment of this critical clean, firm resource. CEBA congratulates Sens. John Hickenlooper and Steve Daines on their efforts to advance affordable, reliable, and carbon emission-free power.”

ClearPath Action

"Next-generation geothermal is one of America's most powerful untapped energy resources. Next-generation geothermal could deliver 90+ gigawatts of reliable, always-on power by 2050. The bipartisan Geo POWER Act helps bridge the gap between demonstration and commercialization by creating a milestone-based program at the Department of Energy that de-risks breakthrough technologies and attracts private investment." — *Jeremy Harrell, ClearPath Action CEO*



Climate Innovation Action

“Climate Innovation Action applauds Sens. Daines and Hickenlooper for introducing the Geo POWER Act. Next-generation geothermal technologies have the potential to strengthen U.S. energy independence, reliability, and security by providing abundant, always-available clean power. However, additional support is needed to advance large-scale demonstration projects that can accelerate their path to commercial deployment. The Geo POWER Act represents an important step toward ensuring that promising geothermal innovations can be deployed at scale to help meet the nation’s growing energy needs.” – Roger Ullman, Executive Director, Climate Innovation Action

National Wildlife Federation

“The National Wildlife Federation supports the responsible build-out of next-generation geothermal energy to advance our clean energy future, provide reliable, affordable energy for Americans across the country, and to ensure a future where wildlife and people can thrive. As Senators Hickenlooper and Daines acknowledge by introducing the Geo POWER Act, commercial demonstrations are essential to not only sustainably grow geothermal but also to help the sector reach scale, particularly in geographies that have historically lacked geothermal development. Such a program will catalyze data sharing and technological advancement, while also encouraging private investment in the sector.” – Shannon Heyck-Williams, Associate Vice President of Climate and Energy at the National Wildlife Federation

Third Way

"Next-generation geothermal technologies are necessary to meet rising energy demand and stabilize our grid for the future. The Geo POWER Act de-risks these technologies to spur their deployment in untapped regions of the US. We commend Senators Hickenlooper and Daines for advancing a bipartisan policy solution that delivers clean, affordable, and reliable energy to American families." – Ryan Fitzpatrick, Vice President of Climate and Energy, Third Way

World Resources Institute

“This bipartisan bill provides the critical investment support needed to scale the geothermal industry and strengthen our electricity grid. As the country’s energy needs rapidly rise, this around-the-clock clean energy source is pivotal to meeting that demand. WRI research shows that next-generation geothermal is crucial to achieving a clean energy future and a more affordable, resilient grid in the U.S. Yet geothermal energy has historically received far less federal investment than other energy technologies, despite its many advantages. The Geo POWER Act is an important step toward making sure more U.S. communities benefit from this clean, reliable energy source. We urge other members of Congress to support the Act.” – Christina DeConcini, Director of Government Affairs, WRI US



ACCELERATING AFFORDABLE GEOTHERMAL POWER

The *Geothermal Power Opportunity With Expanded Regions Act (Geo POWER Act)* enables the Department of Energy to move beyond limited-scale demonstrations and unlock the large-scale geothermal electricity generation needed to meet surging demand and drive down costs. The bill authorizes DOE to offer innovative financing approaches—from loans or insurance programs to traditional grants—to help scale next-generation geothermal power generation and develop markets in states with limited existing geothermal facilities. The Geo Power Act aims to:

- Catalyze geothermal demonstration projects and innovation in order to grow new markets and drive down costs
- Overcome high upfront capital costs for geothermal exploration and drilling
- Generate public data to de-risk future geothermal projects in new geologies and regions
- Ensure fiscal accountability by requiring projects to achieve milestones to access additional financial support
- Accelerate the commercialization of next-generation geothermal technologies in new regions across the United States

