



C3 SOLUTIONS

Accelerating Renewable Energy Deployment

The Challenge: The business case for renewable energy sources is strong. Rather than distorting markets by subsidizing mature technologies with targeted tax credits, Congress and the administration should fix the policy problems that artificially drive up the cost of renewable projects.

The Opportunity: Cost-competitive renewable energy generation will diversify America's energy supply and provide families and businesses with affordable, clean power. Modernizing and streamlining regulations is essential to expand renewable energy projects and build new transmission lines.

The Solutions: To promote renewable power innovation, cost reduction, and deployment policymakers should:

- Modernize the National Environmental Policy Act (NEPA).
- Prohibit new tariffs on imported solar panels and eliminate Section 201 tariffs.
- Extend Master Limited Partnerships to renewable projects.
- Repeal the Jones Act, which adversely affects offshore wind projects.
- Reform transmission policy to protect consumers, enhance competition, improve transparency, and reduce emissions.
- Expedite the process by creating categorical exclusions to bypass National Environmental Policy Act reviews for geothermal exploration activities.
- Require the Interior Secretary to identify priority areas for geothermal development on federal lands.
- Expedite licensing for small and next generation hydropower projects that are unlikely to affect critical habitat or endangered species and for technologies that enhance environmental protection.
- Include hydropower in the definition of renewable power, which would allow hydropower to count toward the federal government's renewable power procurement requirements.
- [Require a](#) "two-year, start-to-finish licensing process for adding generation to non-powered dams, and require the Army Corps of Engineers to develop a coordinated, consistent, and nationwide strategy to expedite the development of non-powered dams."
- Allow the U.S. Army Corps of Engineers to engage in private-sector financing for the federally owned fleet of power projects.

Key Facts:

- From 2009-2019, the cost of solar and onshore wind declined 89 percent and 70 percent, respectively.
- Roughly over that same time, renewables' share of the global electricity generation mix increased from 20 percent to 29 percent (2010-2020).
- The Business Council for Sustainable Energy [reports that](#): "[t]he injection of \$105 billion in new private capital in the U.S. energy transition in 2021 is an 11 percent year-on-year increase, and a 70 percent increase over the past five years."
- Enhanced geothermal systems could deliver about half of the currently installed generating capacity in the United States, according to the U.S. Geological Survey.
- 281 hydropower and pumped storage facilities, about 30 percent of active licenses, are set to expire by 2030. Relicensing takes on average 7.6 years and routinely takes more than a decade, according to the Department of Energy.

Legislation to Follow:

Legislation	Bill Number(s)	House Sponsor	Senate Sponsor	House Cosponsor(s)	Senate Cosponsor(s)
BUILDER Act	H.R. 2515	Graves (R-LA-6)		McCarthy (R-CA-23), Scalise (R-LA-1), Westerman (R-AR-4), and more	
Enhancing Geothermal Production on Federal Lands Act	S.2824 and H.R.5350	Fulcher (R-ID-1)	Risch (R-ID)	Westerman (R-AR-4), Stauber (R-MN-8)	
Hydropower Clean Future Act	H.R.1588	McMorris Rodgers (R-WA-5)		Newhouse (R-WA-4), Duncan (R-SC-3), Curtis (R-UT-3), and more	
Master Limited Partnership Parity Act (115th Congress)	S.2005	Coons (D-DE)			Moran (R-KS), Stabenow (D-MI), Bennet (D-CO), and more
The Reinvesting in America's Shoreline Economies & Ecosystems (RISEE) Act	S.2130		Whitehouse (D-RI)		Cassidy (R-LA), Coons (D-DE), Hyde-Smith (R-MS), and more
UNSHACKLE Act	S.717 and H.R.3814	Cheney (R-WY- At Large)	Lee (R-UT)		Cramer (R-ND), Cruz (R-TX)
Water Quality Certification Improvement Act	S.1761 and H.R.3422				