



Thorium Will Power The World

Tuberville and Marshall Introduce Thorium Energy Security Act, Feedback from the Iron and Steel Industry, Support the Thorium Museum Exhibit Efforts.



Senators Tuberville and Marshall Introduce Thorium Energy Security Act

On May 18th, Senators Tommy Tuberville and Roger Marshall introduced the Thorium Energy Security Act for the purpose of saving the remaining domestic stockpile of U-233 and promoting the use of Thorium for clean energy production. Tuberville stated “Thorium and U-233 hold the promise to produce clean, safe power and are vital to our national security. Energy will continue to be at the heart of global conflicts, so the United States must invest in energy technology.”



Senator Marshall added, “The United States needs to lead on advanced nuclear reactors and not leave the future of innovative clean energy technologies in the hands of China. Preserving this valuable national resource is the first step on that path.” The Thorium Energy Alliance is excited to have this support in Congress and would ask our members to reach out and thank these two senators for their actions. This [legislation](#), if enacted, would preserve the critical stockpile of U-233 for use in Thorium molten salt reactors, increase our domestic nuclear fuel capabilities, and play a pivotal role in expanding our capacity to produce radiological isotopes needed for the treatment of multiple forms of cancer.

We ask our members to please reach out to thank Senators Tuberville and Marshall for their efforts and to encourage them, and other members of Congress, to support the Thorium Energy Security Act in to law.

Notes from AISTech 2022

One of the principal functions of the Thorium Energy Alliance has been to work with and educate potential industrial partners on the benefits of a Thorium-powered energy source. Due to the thermal characteristics of MSR, integration through industrial heat applications far outweigh electricity production in terms of decarbonizing sectors such as naval propulsion, fertilizers, cement, and steel. Executive Director John Kutsch recently attended and presented at the 2022 Association of Iron and Steel Technology Conference in Pittsburgh to help the iron and steel industry gain a better understanding of the benefits Thorium MSR can provide.



From his multiple discussions with iron and steel executives, Kutsch finds they clearly realize clean reliable base-load power is needed to reduce the carbon footprint (1 ton of steel generates about 1.8 tons of CO₂) and nuclear is the only realistic option. Moving forward to decarbonize an industry that has been around for hundreds of years poses challenges, but the key stakeholders are starting to face the facts and are now looking for better alternatives to power the future of iron and steel production. MSR will be the perfect fit, not only for iron and steel, but for numerous industries needing to reduce GHGs. The President of Cleveland Cliffs even went so far as to mention they are looking to build their own reactor to support their carbon-free steel production - and all 6 of the largest western steel firms said nuclear was a critical part of their decarbonization plans.

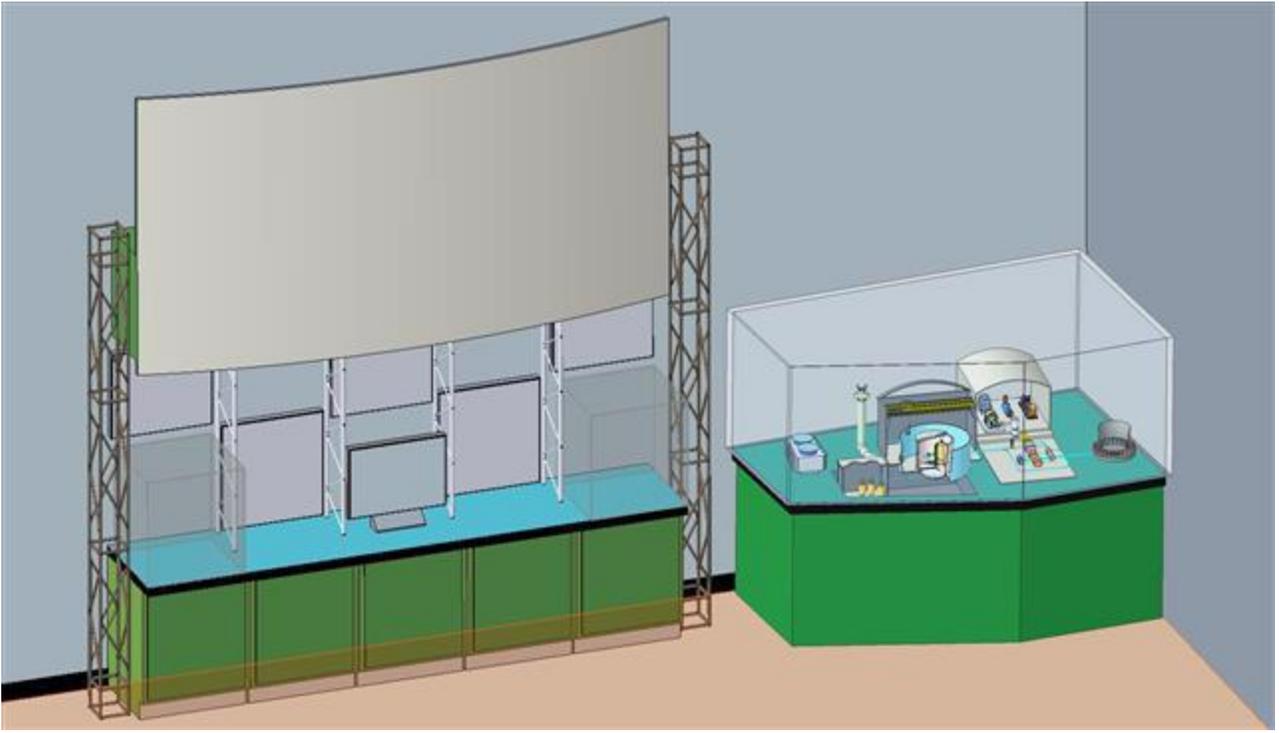
Register Today for TEAC 11- Space is Limited

The Thorium Energy Alliance is confidently moving ahead to assemble a world-class panel of Thorium experts in a safe and responsible setting. We are excited to present this conference and museum exhibit for the Thorium Community as well as anyone interested in Thorium. We need to emphasize that space is limited, so please get your registration in soon!



Register Today

TEAC 11 Register Here



Support Needed for Thorium Museum Exhibit

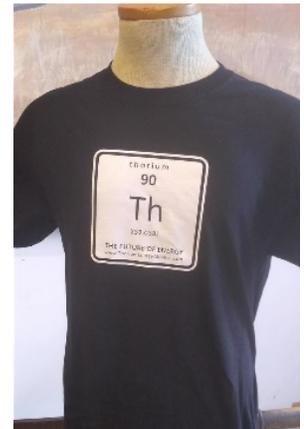
The Thorium Energy Alliance is deep into the design phase of the upcoming Thorium/MSRE/Alvin Weinberg exhibit. Working alongside the expert team at the [National Museum of Nuclear Science and History](#), we are presently developing design concepts and content, acquiring actual MSRE artifacts from ORNL, and building instructional scale models for displays. We want to make this interactive exhibit a great learning experience for the visiting public and the thousands of STEM program students who participate in yearly science programs run by the museum.

Please consider becoming an exhibit sponsor to help bring the knowledge of Thorium and MSRs to the thousands of students and public visitors who will see it in Albuquerque every year. Sponsorship opportunities are available at all levels of corporate and individual support. All donations are tax-deductible.

For more information on becoming a sponsor please review our [Exhibit Sponsorship Prospectus](#) or email the TEA at thoriumenergyalliance@gmail.com.

BUY A SHIRT!

The TEA has recently received a fresh batch of the always fashionable Thorium Shirts, hot off the presses. Order yours today and hit the summer running - in classic Thorium Style. You can have any color you want as long as it's black. (it worked for Ford!). All orders will come with a few stickers as well. Show your Thorium support - order yours today!



So grateful for the BIG Response so far! Space is limited and we've had an impressive amount of registrants so far! I hope to see you all at the upcoming TEAC11 - it's been far too long!

John Kutsch
Executive Director

Support the TEA

