

## PEES Power Systems

# Doe geothermal earthshot



## Overview

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Granholm today announced a new Department of Energy (DOE) goal to make enhanced geothermal systems (EGS) a widespread renewable energy option in the U. by cutting its cost by 90% to \$45 per megawatt hour by 2035. In 2022, the National Renewable Energy Laboratory (NREL) was asked by the DOE Geothermal Technologies Office (GTO) to provide. The Department of Energy's (DOE) Earthshots Initiative sets ambitious yet achievable targets aimed at coordinating and accelerating the innovation needed to bring down the cost of critical clean energy technologies. The Enhanced Geothermal Shot™ seeks to unlock.

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### Enhanced Geothermal Shot Analysis for the Geothermal Technologies

In 2021, the U.S. Department of Energy (DOE) began the Energy Earthshots initiatives to accelerate breakthroughs of reliable clean energy solutions within the next 10 years.

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### Geothermal Technologies Office

DOE is investing in research and development that will help the nation access its full geothermal potential and reach the Enhanced Geothermal Shot goals.



### DOE Launches New Energy Earthshot to Slash the Cost of Geothermal ...

"DOE's Enhanced Geothermal Shot will move geothermal technology from research and development to cost-effective commercial adoption, helping energy communities and workers ...

## Energy Earthshots Initiative Analysis

The U.S. Department of Energy (DOE) launched its Energy Earthshots Initiative in 2021 to drive innovation breakthroughs for technologies across the energy sector.



## Enhanced Geothermal Systems

In the United States, the U.S. Department of Energy (DOE) Office of Geothermal (OG) currently funds a major EGS demonstration in Milford, Utah: The Frontier Observatory for Research in Geothermal ...

## DOE's Energy Earthshots: Innovation Unlocks Big Cost and Emissions

In 2021, the US Department of Energy (DOE) launched its Energy Earthshots Initiative, a novel and innovative approach to catalyze decarbonization across some of the hardest to abate ...



## Enhanced Geothermal Shot Analysis for the Geothermal



- ✓ IP65/IP55 OUTDOOR CABINET
- ✓ IP54/55
- ✓ OUTDOOR ENERGY STORAGE CABINET
- ✓ OUTDOOR BATTERY CABINET

In 2022, the National Renewable Energy Laboratory (NREL) was asked by DOE's Geothermal Technologies Office (GTO) to provide analysis for developing Energy Earthshot targets for enhanced ...

## IGA Geothermal Papers Online Database

In 2021, the U.S. Department of Energy (DOE) began the Energy Earthshots initiatives to accelerate breakthroughs of reliable clean energy solutions within the next 10 years.



## Enhanced Geothermal Shot: Unlocking the Power of Geothermal ...

The U.S. Department of Energy's (DOE) Energy Earthshots Initiative aims to accelerate breakthroughs of more abundant, affordable, and reliable clean energy solutions.

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