enCore energy
America's Clean Energy Company™

enCore Energy Corp., America's Clean Energy Company™, is committed to providing clean, reliable, and affordable fuel for nuclear energy as the only United States uranium company with multiple Central Processing Plants in operation. The enCore team is led by industry experts with extensive knowledge and experience in all aspects of In-Situ Recovery uranium operations and the nuclear fuel cycle. enCore solely utilizes ISR for uranium extraction, a well-known and proven technology co-developed by the leaders at enCore Energy.

Following upon enCore's demonstrated success in South Texas, future projects in enCore's planned project pipeline include the Dewey Burdock project in South Dakota and the Gas Hills project in Wyoming. The Company holds other assets including, non-core assets and proprietary databases. enCore is committed to working with local communities and indigenous governments to create positive impact from corporate developments.

Watch a Video of Our Alta Mesa ISR Central Processing Plant, Located in South Texas

Click here

For more information on Dewey Burdock & enCore Energy Corp.

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In-Situ Recovery Wellfield, Nebraska
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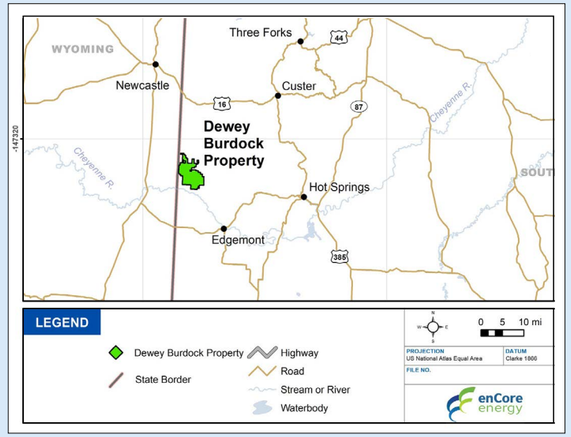
DEWEY BURDOCK
enCore energy

www.deweyburdock.info

ABOUT

The Dewey Burdock ISR Uranium Project, wholly owned by enCore, is an advanced-stage uranium project located in Custer and Fall River counties in South Dakota. The Dewey Burdock Project will recover uranium from subsurface sandstone ore bodies through ISR technology, which utilizes a chemical-free water based solution in the production wellfield to dissolve uranium minerals in place and then pumps the uranium-bearing solution to a central processing plant for recovery. The use of ISR technology allows for minimal surface disturbance compared to conventional open-pit or underground uranium mining. The project consists of wellfield areas, a central processing plant, supporting infrastructure and environmental protection systems.



The Company's Dewey Burdock Project received its Source and Byproduct Materials License SUA-1600 on April 8, 2014, from the NRC, covering 10,580 acres. The Company controls the mineral and surface rights for the area pertaining to the NRC license. With the approval of Fast-41, enCore's objective is to advance the Dewey Burdock Project into development and operation as an ISR uranium extraction project.

As of August 28, 2025, The Dewey Burdock ISR Uranium Project has been approved for inclusion in the Fast-41 Program by the U.S. Federal Permitting Improvement Steering Council.

Under the Executive Order, the Permitting Council identifies priority infrastructure and critical mineral projects to receive accelerated permitting review. The addition of the first South Dakota ISR project supports the domestic uranium production focus of the United States.

THE ECONOMIC IMPACT OF A NEW IN-SITU RECOVERY URANIUM EXTRACTION PROJECT IN SOUTH DAKOTA

Approximate tax revenue based on 2012 data

Total Spend (20+ years)

- 171.8M in construction
- 120 jobs in construction
- 84 direct jobs annually in production
- 36 indirect jobs annually in production
- 18 direct jobs in reclamation
- 20 jobs in exploration
- $43,596,000 annual payroll in production

Tax Revenues (20+ years)

- $42M State + County taxes (total taxes generated over Life of Mine)
- $27M severance (50% to County) in production
- $12M annual direct business tax
- $1.5M / $3.0M annual indirect business taxes
- Estimate $15M State + Federals bonding requirements

Total Jobs (Direct + Indirect)

- 257 jobs in construction
- 155 jobs in production
- 24+ jobs in reclamation
- 20+ jobs in exploration

Every project in South Dakota is an opportunity for jobs, business growth and the creation of wealth.

From construction phase to reclamation.

- Local industry
- Local and indigenous communities
- Local government
- Local taxpayers
- Job creation & workforce development
- Domestic energy security
- Infrastructure investment
- Long-term economic stability

References:
"Dewey Burdock Project, South Dakota, USA, S-K 1300 Technical Report Summary" and "Dewey Burdock Project South Dakota, USA, National Instrument 43-101, Preliminary Economic Assessment Technical Report" dated January 6, 2025, and effective as of October 8, 2024, prepared by Stuart Bryan Soliz, PG of SOLA Project Services.
Dewey-Burdock Project Socioeconomic Assessment, Knight Piesold and Co. September 2012
Figures based on 2012 data, adjusted for inflation and tax rate adjustment, base case estimates only.

enCore's Role in the Nuclear Fuel Cycle

Wellfield
Oxygenated water liquifies uranium, which is pumped to the surface.

Processing Plant
The liquified uranium then goes to a processing plant where it is purified, concentrated and dried.

Yellow Cake (U_3O_8)
The now yellow cake uranium is packaged in 55-gallon drums for shipment.

Transport
Licensed and insured third party transporters move the uranium.

Conversion
The yellowcake powder is converted to a gas.

Enrichment
The gas is enriched to 5% U^{235} for use in nuclear plants.

Fabrication
The now enriched uranium is fabricated into fuel.

Nuclear Plant
Nuclear plants use the fuel rods to produce heat, creating steam to turbines that generate carbon-free electricity.

Domestic Consumers
All receive reliable and affordable domestic energy to power homes and businesses thanks to a very dense and powerful energy source.

Nuclear Energy

- The only affordable and efficient energy source which is available 24/7.
- It is the largest source of carbon-free electricity in the United States and protects our air quality by generating electricity without other harmful pollutants (NEI).
- Nuclear provides 20% of US power and is a viable, affordable energy source that protects our pocketbooks and national security.
- Supports and grows our economy with jobs, contracts, and tax revenue.

American Uranium

- Provides a safe, reliable, and cost effective source of American energy.
- Reduces our reliance on unreliable foreign uranium producers such as Russia, Kazakhstan, and China .
- Replaces 60% of uranium purchased from foreign state-owned suppliers.
- Supporting American uranium directly contributes to the effort to reduce our carbon footprint.

In-Situ Recovery

In-Situ Recovery (ISR) is a mineral extraction technology which injects a water-based lixiviant solution into the ground to extract minerals from the earth without conventional mining techniques and minimal use of groundwater.

- enCore leadership developed the technology now used by over 50% of uranium mines globally.
- There has not been a drinking water supply contaminated by ISR in the 50 years since its inception.
- ISR facilities use less water than conventional mining and return 99% of water used to the aquifer (not used for drinking water or livestock).
- No open pits, waste dumps, leech pads, or tailings.
- Once an ISR operation is complete, the groundwater and land are restored to their previous condition and use categories.
- The energy requirements for ISR are lower than those for traditional mining methods, leading to reduced greenhouse gas emissions. The decreased need for heavy equipment and transportation also contributes to a smaller carbon footprint.

Environmentally responsible extraction - 99% of water is recycled and returned