



LARGEST & FASTEST GROWING U.S. URANIUM COMPANY

*Building the Only American Vertically
Integrated Nuclear Fuel Supplier, from Mining
through Conversion, to Support U.S.
Enrichment*

Corporate Presentation – June 2026

URANIUM ENERGY CORP | NYSE AMERICAN: UEC | URANIUMENERGY.COM



Disclaimer

References to the “Company” and “UEC” herein are to Uranium Energy Corp. Unless otherwise specified, all references to dollar amounts are to United States Dollars. Figures may not add up due to rounding.

Forward-Looking Statements: Except for the statements of historical fact contained in this presentation, the information presented in this presentation constitutes “forward-looking statements” as such term is used in applicable United States and Canadian securities laws. They include, among others, the Company’s expectations for its projects, including future work programs, regulatory approvals and planned development activities, expectations regarding the Alto Paraná Project, expectations regarding uranium markets and demand, the proposed pre-feasibility study at Roughrider, the impacts of governmental initiatives and the Company’s plans and goals respecting UR&C, and proposed development of refining and conversion capabilities. Such forward looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. These risks and uncertainties may include, among others: proposed exploration and development activities may not produce anticipated results; variations in the underlying assumptions associated with the estimation or realization of mineral resources, the availability of necessary capital, accidents, labor disputes and other risks of the mining industry including, without limitation, those associated with the environment, delays in obtaining governmental approvals, permits or financing or in the completion of development or construction activities, title disputes or claims limitations; any deterioration in political support for nuclear energy or uranium mining; changes in government regulations and policies; changes in demand for nuclear power; any failure to obtain necessary permits and approvals from government authorities; weather and other natural phenomena; and the other risk factors set forth in the Company’s most recent AR on Form 10-K and its other filings with the Securities and Exchange Commission, available under its profile at www.sec.gov.

Many of these factors are beyond the Company’s ability to control or predict. There can be no assurance that such statements will prove to be accurate as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements contained in this presentation and in any document referred to in this news release. Any forward-looking statement speaks only as of the date on which its made and the Company does not undertake any obligation to release publicly revisions to any forward-looking statement, to reflect events or circumstances after the date hereof, or to reflect the occurrence of unanticipated events, except as may be required under applicable securities laws. Investors should not assume that any lack of update to a previously issued forward-looking statement constitutes a reaffirmation of that statement.

Mineral Resources and Other Technical Information: All mineral resource estimates disclosed herein are estimated in accordance with SEC Regulation S-K 1300. For further information regarding such estimates, please refer to our most recent Annual Report on Form 10-K and the technical report summaries referenced herein and therein. The estimation of mineral resources involve greater uncertainty as to their existence and economic feasibility than the estimation of mineral reserves, and therefore investors are cautioned not to assume that all or any part of measured or indicated resources will ever be converted into reserves. The estimation of inferred resources involves far greater uncertainty as to their existence and economic viability than the estimation of other categories of resources, and therefore it cannot be assumed that all or any part of inferred resources will ever be upgraded to a higher category.

Market and Industry Data: Certain information in this presentation regarding the industry and market data has been obtained from publicly available information and third-party industry reports. Such reports generally state that the information contained therein has been obtained from sources believed to be reliable, but the accuracy or completeness of such information is not guaranteed. We have not independently verified or cannot guarantee the accuracy or completeness of that information and investors should use caution in placing reliance on such information.

Nothing in this presentation is to be construed as an offer to sell, or a solicitation of an offer to buy securities of the Company.

Leading U.S. Uranium Company

Positioning as the only vertically integrated U.S. company from mining to conversion

**America's Largest,
Fastest Growing
Uranium Company**

Leading North American Resource Base
230.1 M lbs. M&I | 100.0 M lbs. Inferred U₃O₈ Resources⁽¹⁾
175 M lbs. Historical⁽²⁾

Over \$1 Billion in Accretive Acquisitions

**Largest Licensed
Production Capacity
in the U.S.**

Wyoming Production Restarted, with Phased U.S. ISR Ramp-Up

12.1 M lbs. U₃O₈ U.S. Licensed Capacity/Year⁽³⁾

**Building End-to-End
Capabilities**

Launched **U.S. Uranium Refining & Conversion Corp (UR&C)** to advance American nuclear fuel security and energy dominance

**Strong Balance
Sheet
No Debt**

\$794 Million in Liquid Assets⁽⁴⁾

100% Unhedged Price Exposure

(1) See UEC's most recent Annual Report on Form-K for further information regarding the underlying resource estimates for its properties. The Wyoming production of approximately ~244,000 pounds as of October 31, 2025 has not been deducted from estimate. (2) Based upon internal studies and other historic data prepared by prior owners in regards to the projects and dated between 1984 and 2019. Such estimates are being treated by the Company as historical in nature and a qualified person has not done sufficient work to classify the historical estimates as current mineral resources. The Company is not treating them as current resource estimates and is disclosing these historic estimates for illustrative purposes and to provide readers with relevant information regarding the projects. In addition, such estimates were not prepared under S-K 1300 standards and the results of future estimates by the Company may vary from these historic estimates. (3) UEC press release dated Dec 6, 2024. (4) As at April 30, 2026. Liquid assets consist of cash, equity securities, subscription receipts, and uranium inventories. Does not include inventory in-process or dried and drummed concentrate at the Irigaray CPP. Market values for securities are based on applicable closing prices on April 30, 2026, and for uranium inventories are based on the spot price quoted on UxC ConverDyn on such date..

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IRIGARAY PLANT – WYOMING HUB & SPOKE OPERATIONS



HOBSON PLANT – TEXAS HUB & SPOKE OPERATIONS



SWEETWATER PLANT – WYOMING HUB & SPOKE OPERATIONS



ATHABASCA BASIN , HIGH-GRADE CONVENTIONAL PORTFOLIO

Third Quarter 2026 Highlights



<p>Operations Commenced at Burke Hollow</p>	<ul style="list-style-type: none"> • America’s largest greenfield ISR project to come into production in over a decade
<p>Maintaining Low-Cost Production Profile</p>	<ul style="list-style-type: none"> • Total Cost per Pound⁽¹⁾ of \$54.61, including Cash Cost per Pound⁽¹⁾ of \$46.69 on 32,195 pounds of uranium concentrate • Since restart: Total Cost per Pound of \$39.30 and Cash Cost per Pound of \$32.40 across 276,516 pounds, remaining a domestic industry leader
<p>Expanded Production Capacity</p>	<ul style="list-style-type: none"> • Received regulatory approval for expanded production at Christensen Ranch • Production rates expected to increase in fourth fiscal quarter, with new header houses and Burke Hollow operational for full quarter • 240-hole delineation drilling program completed at Ludeman, UEC’s next planned ISR uranium operation
<p>Sweetwater Drill Program Completed</p>	<ul style="list-style-type: none"> • 200-hole delineation drilling program completed in the first two planned wellfields, advancing the Company’s third hub-and-spoke platform
<p>Roughrider PFS Progressing</p>	<ul style="list-style-type: none"> • Core drilling is over 80% complete to support a planned pre-feasibility study
<p>U.S. Uranium Refining & Conversion Corp</p>	<ul style="list-style-type: none"> • Achieved first licensing milestone with receipt of a Docket Number • Finalized shortlist of site locations
<p>Critical Minerals Portfolio</p>	<ul style="list-style-type: none"> • Independent report concludes Alto Paraná Titanium and Vanadium Project in Paraguay represents a globally significant platform with potential to address critical U.S. domestic supply gaps



Third Quarter 2026 Financial Highlights

Strong Balance Sheet with No Debt and Strong Inventory Position

\$794 M

Liquid Assets⁽¹⁾

- **Robust Balance Sheet, with no debt**
- **Includes \$488 million of cash**

1.46 M

Pounds of U₃O₈ in inventory⁽¹⁾

- **Inventory excludes ~277,000 pounds** of precipitated uranium and dried and drummed U₃O₈ at our Irigaray CPP

Strategic Inventory Position

- Maintained uranium inventory, preserving **pricing optionality** and **full exposure to uranium prices** through **100% unhedged strategy**

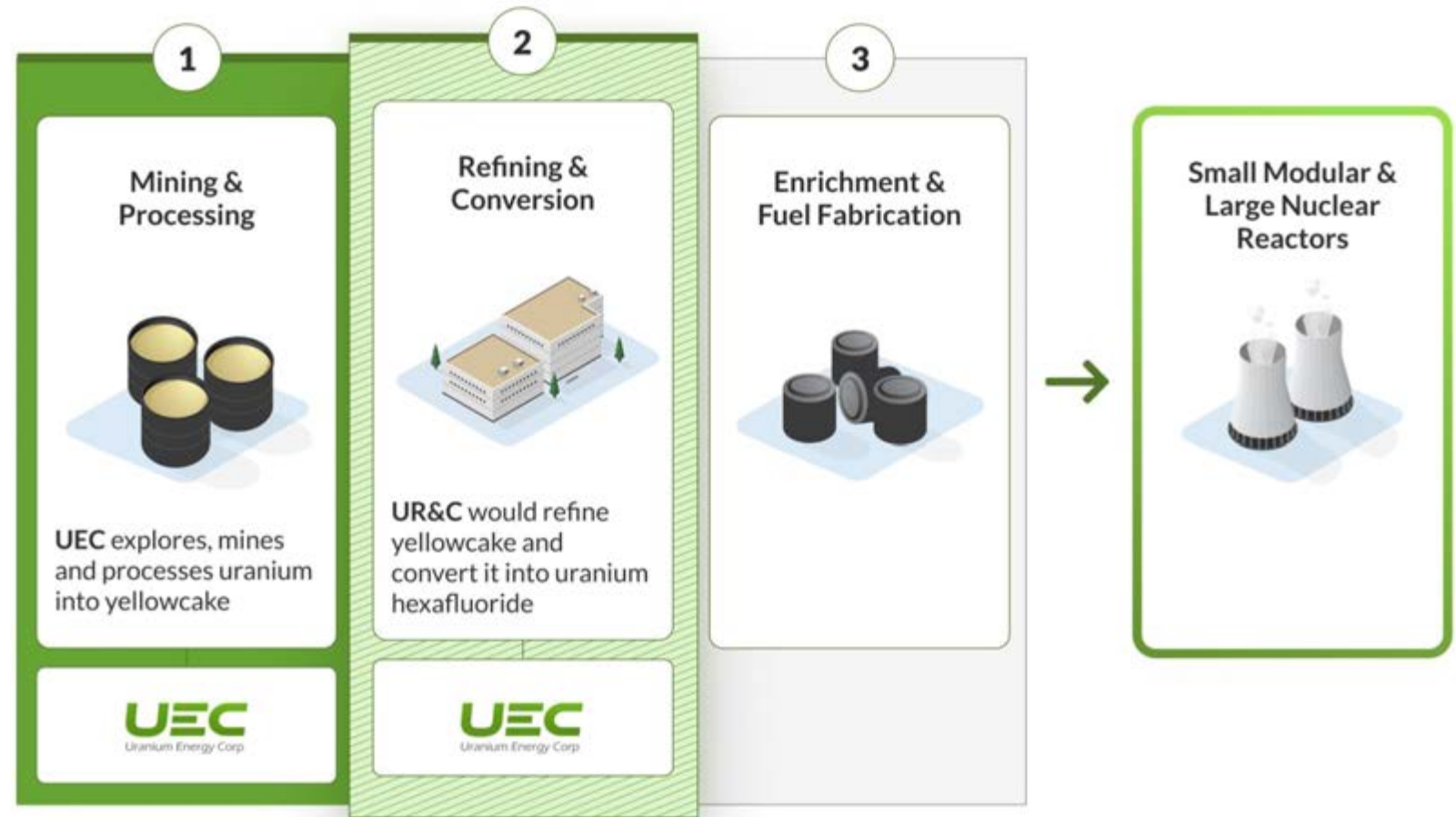
Launch of United States Uranium Refining & Conversion Corp

Positioning to become the only vertically integrated U.S. company from U_3O_8 to UF_6

Aligned with **market needs** and **American energy dominance policies**

Designed to give UEC **end-to-end capabilities**, providing a secure, geopolitically reliable **source of uranium hexafluoride** - the feedstock needed for uranium enrichment

Building on our **first-mover advantage with Fluor**, leveraging a year of engineering and design work already completed



Demand for Uranium Significantly Exceeds Primary Production

Growing demand coupled with underinvestment in uranium has led to a structural supply deficit that is projected to continue and widen through 2045

Projected Production Gap⁽¹⁾

Cumulative – Base Demand and Production Case

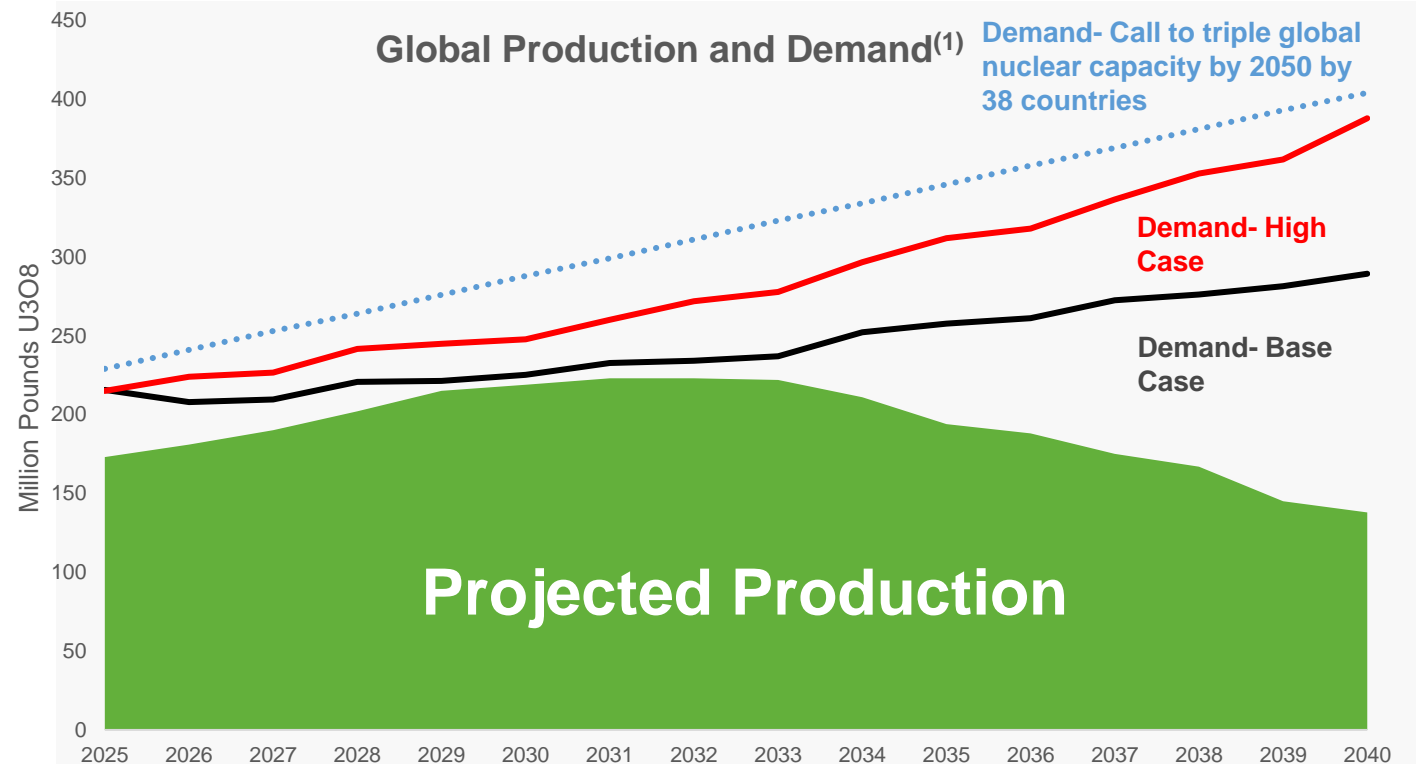
2026-2027 is ~ 46 M lbs.

2026-2035 is ~ 218 M lbs.

2026-2042 is > 1 B lbs.

2026-2045 is > 1.7 B lbs.

U.S. utilities are the world's largest consumer of uranium with current demand of 51 Mlbs/yr⁽²⁾



U.S. Uranium = Energy and National Security

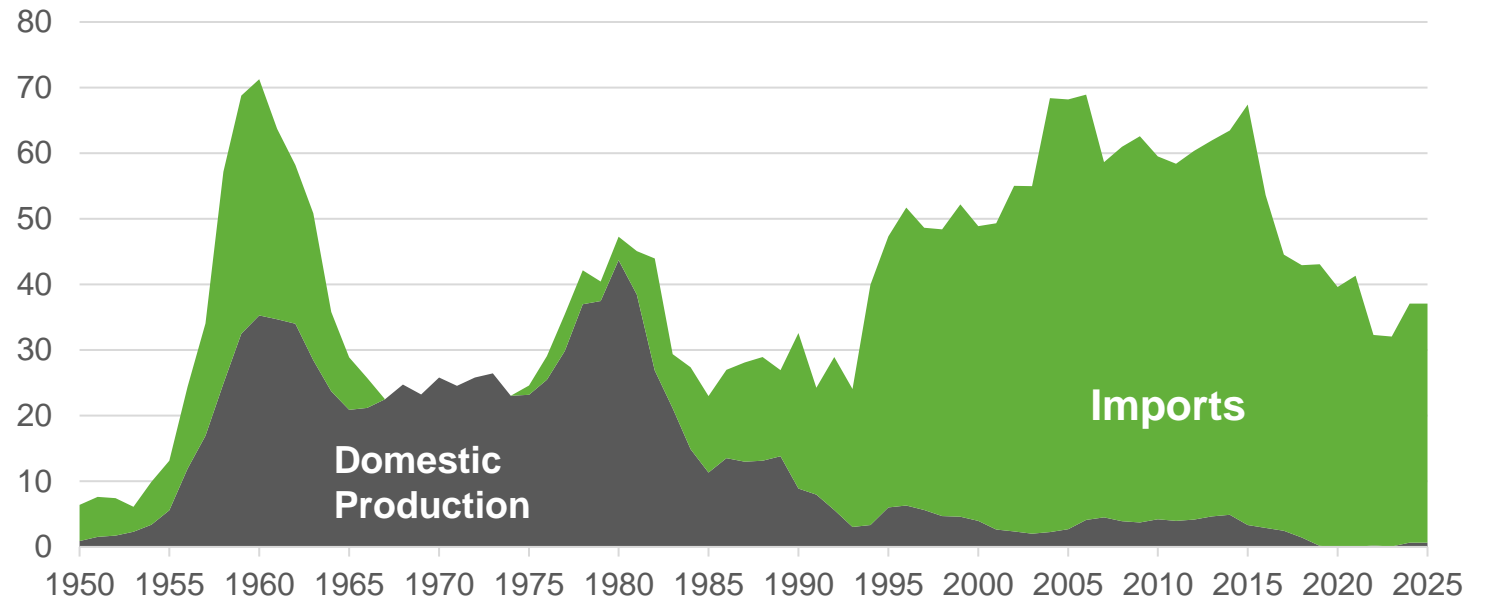
Repatriating the Upstream Nuclear Fuel Cycle

America relies heavily on uranium imports, meeting less than 2% of domestic needs. However, the U.S. is resource and cost competitive.



U.S. utilities represent the **largest global reactor fleet** and **world's largest consumer of uranium**, requiring 51 Mlbs/yr.⁽¹⁾

U.S. uranium supply to commercial nuclear reactors⁽²⁾
Million pounds U₃O₈



America's Nuclear Fuel Cycle Has a Structural Vulnerability

The United States is the only major nuclear power without a vertically integrated, domestically controlled supply chain from U_3O_8 to UF_6 , while China and Russia maintain state-backed, end-to-end capabilities.

The Trump Administration's goal to reach 400 GW nuclear capacity by 2050 will require an additional ~70,000 tU of domestic conversion supply

Russia and China are weaponizing the nuclear fuel cycle by controlling the West's supply

1 Domestic UF_6 Conversion Facility

8000_{tU} Current U.S. annual production gap

<50% U.S. reactor requirements met through domestic supply

46% Of global uranium conversion capacity

65% Of commercial enrichment services

100% Of commercial HALEU supply (via TENEX)

The U.S. Risks Running Out of U.S.-origin Unobligated Uranium

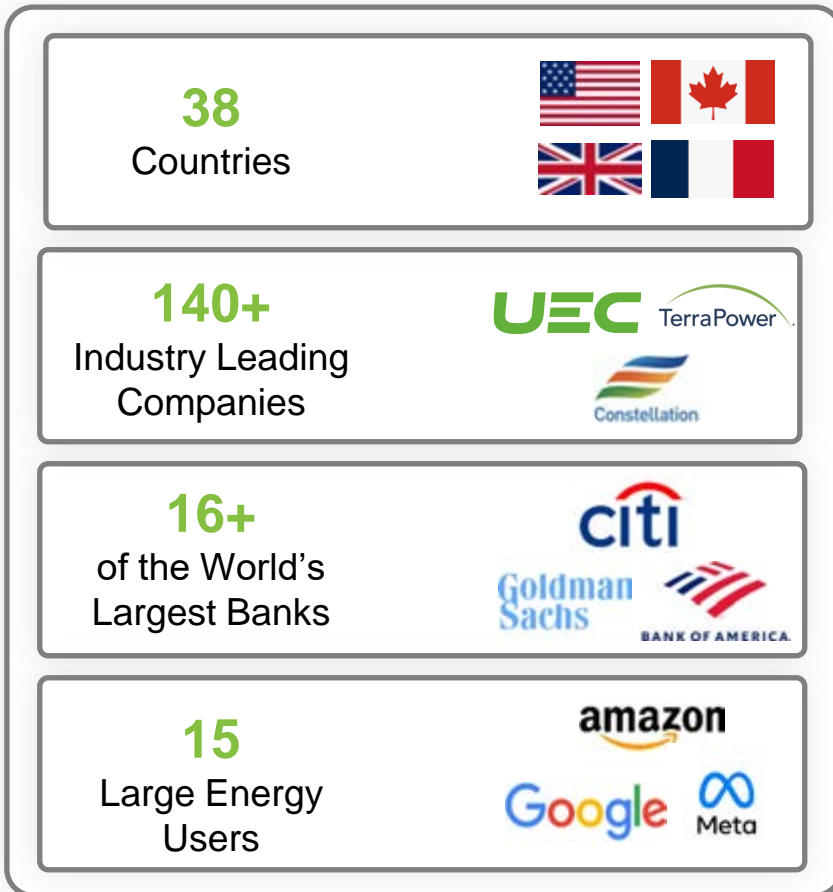
U.S. deterrent and naval propulsion must use **U.S.-origin, unobligated uranium**, sourced today from aging and declining stockpiles. Military requirements are **growing** into a **tight global uranium market**.

American Conversion capacity is the chokepoint — insufficient for commercial demand and **does not cover defense needs**. While continued reliance on **foreign nuclear fuel services** undermines supply security.

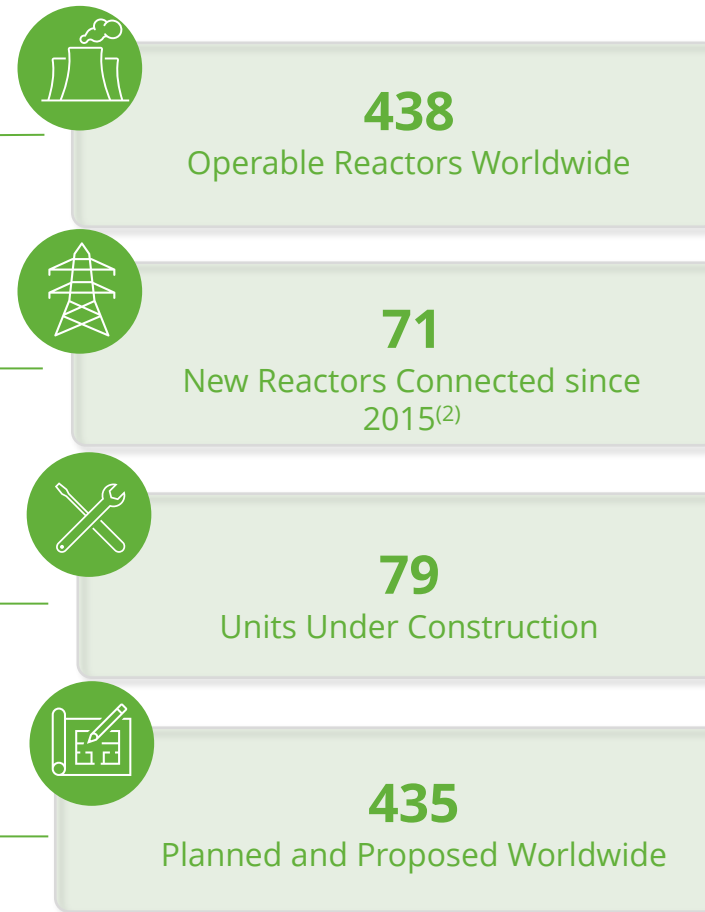


Global Pledge To Triple Nuclear Energy by 2050

Growing Global Commitment



Strong Nuclear Power Outlook⁽¹⁾



June 2025

World Bank ends decade long ban on financing nuclear energy, a momentous shift in global energy policy

Multiple reactor life extensions & updates

Domestic Uranium Takes Center Stage with Unprecedented Government Policy and Big Tech Demand for Nuclear Power

Bipartisan support to re-domesticate the uranium supply chain



UEC wins award from the U.S. Department of Energy to supply 300,000 lbs. U3O8 to the **strategic uranium reserve at a 20% Premium**



President Trump concludes **232 Investigation** assessing critical mineral and uranium vulnerabilities **matter of national security**



U.S. Government **bans Russian uranium**, cuts red tape and incentivizes **new nuclear technology**



Electricity demand from U.S. data centers is expected to double by 2028⁽¹⁾



Enters into PPA with Talen and invests in SMR Advancement



Invests \$1.6B to revive Three Mile Island



Signs 20-year deal with Constellation to power data centers



Invests in Terrapower to support the first Natrium Plant

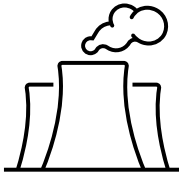


Unprecedented Bipartisan & White House Support

Investments in Nuclear, Domestic Uranium and Fuel Cycle Supply



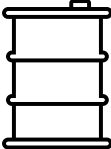
May 2025
 President Trump signs **four Executive Orders** representing an unprecedented level of policy support to **revitalize the U.S. Nuclear Industry**



U.S. government signs **\$80B investment** into new domestic **nuclear power plants**



U.S. – Japan Agreement includes **\$25B investment into SMRs & data centers**



U.S. government **designates Uranium** as a **critical mineral**



U.S. Government Section 232 Critical Minerals investigation **determines foreign uranium imports matter of national security**



U.S. Department of War and Department of Energy collaborate on the **Janus Program** to **deploy advanced reactors**

April 2026

Through the Defense Production Act (DPA) Nuclear Fuel Cycle Consortium, the federal government will work with the domestic nuclear fuel industry to **ensure the U.S. continues to have enough nuclear fuel**. Under the **“Nuclear Dominance – 3 by 33”** campaign, the Consortium aims to:

- Catalyze a **secure** and cost-competitive domestic fuel supply chain
- **Accelerate** advanced reactor deployment and close the fuel cycle
- Explore how the DPA framework can be activated to grow and align workforce, finance, innovation and collaboration **in support of nuclear build out**



Strengthening America's Nuclear Fuel Supply Chain to Meet Emerging Demand for Domestic Uranium



TerraPower

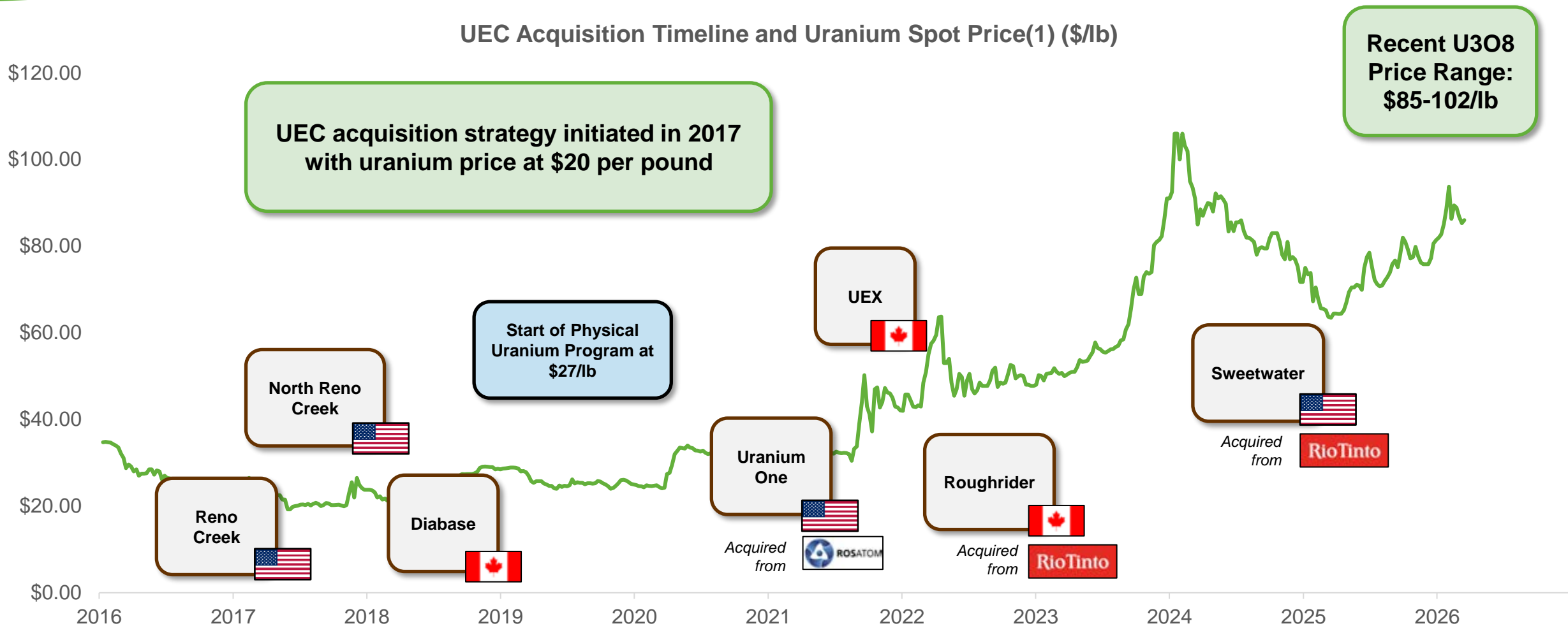


U.S. DEPARTMENT OF
ENERGY



RADIANT

Bottom of Cycle Acquisitions Creates Largest U.S. Uranium Company Positioned for Production Growth



Largest, Diversified Resource Base in the Western Hemisphere

Total Resources of 230.1 M lbs. U₃O₈ as M&I, 100.0 M lbs. U₃O₈ as Inferred, 175 M lbs. Historical⁽³⁾



Irigaray Hub and Spoke ISR Portfolio (S-K 1300 compliant) ^(1,4)		
Four Projects are Fully Permitted		
District	Attr. Resources (M lbs.)	
	M&I	Inferred
Wyoming	66.2	15.1

Sweetwater Hub and Spoke ISR Portfolio	
Fully Licensed Sweetwater Plant + Permitted & Exploration Stage uranium projects	
District	Historical ⁽³⁾
Wyoming	175 M lbs.

Texas Hub and Spoke ISR Portfolio (S-K 1300 compliant) ⁽¹⁾		
Three Projects are Fully Permitted		
District	Attr. Resources (M lbs.)	
	M&I	Inferred
Texas	12.96	9.95

Athabasca Basin (S-K 1300 compliant) ⁽²⁾		
Project Name	Attr. Resources (M lbs.)	
	M&I	Inferred
Roughrider	27.86	33.38
Shea Creek	33.18	13.78
Millennium	11.42	4.36
Horseshoe Raven	37.43	-
Christie Lake	-	16.84
Saskatchewan Total	109.88	68.36

Other Canadian Indirect Interests	
Wheeler River (Saskatchewan)	
Kiggavik (Nunavut)	

Growth Portfolio(S-K 1300 compliant) ⁽¹⁾		
Project Name	Attr. Resources (M lbs.)	
	M&I	Inferred
Anderson	32.06	-
Workman Creek	-	4.46
Arizona Total	32.06	4.46

Largest production profile in the U.S. with 12.1 M lbs./yr licensed capacity

- Commodity**
- Uranium
 - Titanium
 - Projects
 - Projects + Processing Plants
- Stage**
- ★ Production
 - Under Development
 - Exploration



(1) Refer to technical report summaries on SEDAR+ and EDGAR, or Company's website, for a detailed breakdown of S-K 1300 resources and Disclaimer on slide 2. (2) Refer to the appendix for detailed breakdown of current Canadian resources reported under S-K 1300. (3) Based upon internal studies and other historic data prepared by prior owners in regards to the projects and dated between 1984 and 2019. Such estimates are being treated by the Company as historical in nature and a qualified person has not done sufficient work to classify the historical estimates as current mineral resources. The Company is not treating them as current resource estimates and is disclosing these historic estimates for illustrative purposes and to provide readers with relevant information regarding the projects. In addition, such estimates were not prepared under S-K 1300 standards and the results of future estimates by the Company may vary from these historic estimates. (4) The Wyoming production of approximately 199,000 pounds as of October 31, 2025 has not been deducted from estimate

Four Production Growth Pillars

Scalable Hub-and-Spoke Platforms with Robust Development Portfolio⁽¹⁾

Irigaray Central Processing Plant

U.S. ISR Operations



66.2 M lbs. M&I & 15.1 M lbs. Inferred U₃O₈ resources⁽²⁾

- 4 M lbs./yr Licensed Production Capacity
- 17 Satellite Sites
- 4 Permitted Satellite Projects



Successfully Produced ~277K lbs since restart

Hobson Central Processing Plant

U.S. ISR Operations



12.96 M lbs. M&I & 9.95 M lbs. Inferred U₃O₈ resources

- 4 M lbs./yr Licensed Production Capacity
- 5 Satellite Sites
- 3 Permitted Satellite Projects



Burke Hollow In Production

Sweetwater Central Processing Plant

U.S. ISR & Conventional Development



175 M lbs. Pounds U₃O₈ Historical⁽³⁾

- 4.1 M lbs./yr Licensed Production Capacity
- 3 Permitted Projects
- 108k Acres of Prospective Land



Future Major Production Center ISR & Conventional

Roughrider Project

Canadian Conventional Development



\$946M Post Tax NPV₈⁽⁴⁾
PEA

- 40% IRR & Payback of 1.4 years
- AISC \$20.48/lb U₃O₈
- LOM annual production 6.8M lbs⁽³⁾⁽⁴⁾



\$395M EBITDA at \$85/lb U₃O₈
\$730M EBITDA at \$150/lb U₃O₈

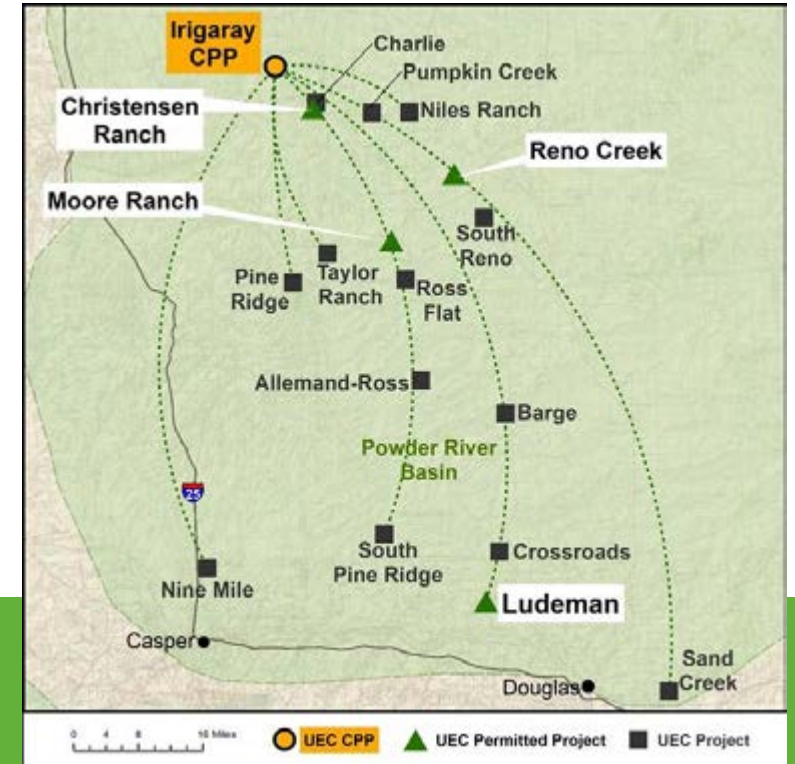
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(1) See slide 18 for a summary of resource estimates. Readers should review the applicable technical report summary, as identified on our recent Annual Report on Form 10-K, for important information on each project. (2) The Wyoming production of approximately 276,516 pounds as of April 30, 2026 has not been deducted from estimates. (3) Based upon internal charts and other historic data prepared by prior owners in regards to the projects and dated between 1984 and 2019. Such estimates are being treated by the Company as historical in nature and a qualified person has not done sufficient work to classify the historical estimates as current mineral resources. Historic estimates disclosed for illustrative purposes only and to provide readers with relevant information regarding the projects. Such estimates were not prepared under S-K 1300 standards. (4) The assessment is preliminary in nature, it includes inferred mineral resources that are considered too speculative geologically to have modifying factors applied to them that would enable them to be categorized as mineral reserves and there is no certainty that this economic assessment will be realized. Please refer to the technical report summary titled "S-K 1300 Initial Assessment Report – Roughrider Uranium Project Saskatchewan, Canada" dated November 6, 2024, a copy of which is available under UEC's profile at www.sec.gov, for further details.

Powder River Basin, Hub-and-Spoke Operations

Irigaray Central Processing Plant



4M lbs/yr

Licensed
Production
Capacity

4

Permitted
Projects

17

Satellite
Projects

Powder River Basin, Wyoming, Hub-and-Spoke Operations

Expanding Production Capacity at Irigaray CPP & Christensen Ranch

Continued Production Ramp Up while Maintaining Low-Cost Profile

- ✓ Since commissioning, Total Cost per Pound remains a leader in the domestic industry at \$39.30, including Cash Cost per Pound of \$32.40 across 276,516 pounds.
- ✓ During the third fiscal quarter, 32,195 pounds of uranium concentrate were produced at a Total Cost per Pound⁽¹⁾ of \$54.61 (Cash Cost per Pound⁽¹⁾ \$46.69).
- ✓ Total Cost per Pound rose in the third quarter as a result of lower production due to the timing of regulatory approvals for new header houses that started operating later in the quarter and an increase in State taxes.
- ✓ Three new header houses in Wellfield 11 began production towards the end of the quarter.
- ✓ Five additional header houses under construction, with one complete awaiting regulatory approval.



Irigaray CPP, Wyoming



Christensen Header House



Irigaray CPP Interior,
North and South Elution Circuits



Christensen Ranch
Plant Exterior

Powder River Basin, Wyoming, Hub-and-Spoke Operations

Development Advances at the Ludeman Satellite Project

UEC's Next Planned ISR Operation and Second Satellite to Irigaray CPP

- ✓ 9.7 Million lbs. Measured and Indicated Resources, and 1.3 Million lbs. Inferred resources.⁽¹⁾
- ✓ Fully licensed and permitted.
- ✓ 240-hole delineation drilling program complete.
- ✓ Engineering of the satellite ion-exchange plant progressed with the plant layout and pad design largely finalized and fabrication of the ion-exchange vessels ahead of schedule.



Construction of Ion-Exchange Plant

Powder River Basin, Wyoming, Hub-and-Spoke Operations Permitted, Construction Ready Growth Projects



Reno Creek ISR Project

- Largest, permitted, pre-construction ISR project in U.S.
- 26.0 M lbs. M&I | 1.5 M lbs. Inferred U_3O_8 ⁽¹⁾
- Licensed for 2.0 M lbs./year; Production permits in place
- 50 miles by road to Irigaray CPP



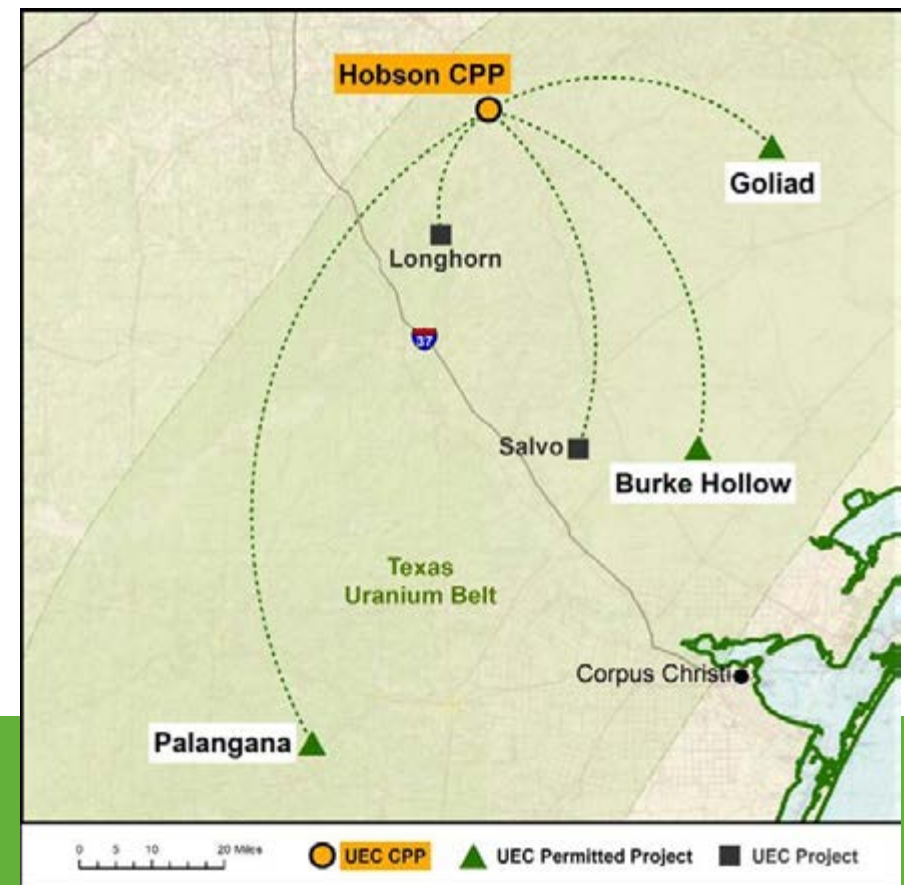
Moore Ranch ISR Project

- 3.21 M lbs. M&I | 0.04 M lbs. Inferred U_3O_8 ⁽¹⁾
- Permitted for 3 M lbs./yr for processing, to be constructed as a satellite to Irigaray CPP
- 40 miles by road to Irigaray CPP



South Texas Hub-and-Spoke Operations

Hobson Central Processing Plant



4M lbs/yr

Licensed
Production
Capacity

3

Permitted
Projects

5

Satellite
Projects

South Texas Hub-and-Spoke Operations

Burke Hollow Commences Production

America's Largest Greenfield ISR Project to Come into Production in Over a Decade

- ✓ 6.15 Million lbs. Measured and Indicated Resources, and 4.88 Million lbs. Inferred resources⁽¹⁾.
- ✓ Injection and recovery wells started, along with oxygen and carbon dioxide addition to initiate uranium recovery process.
- ✓ Satellite ion-exchange plant, including columns, resin, and water treatment systems with an overall capacity of 2,500 gallons per minute were commissioned.
- ✓ Wellfield development continued in phase 1A, with an additional 46 wells completed and tested for mechanical integrity facilitating installation of pumps and related piping and infrastructure.
- ✓ 14-year journey from discovery to production underscores the rarity and strategic value of permitted uranium mines globally, highlighting UEC's competitive advantage with 10 permitted projects.



Drill Rig at Burke Hollow



Resin Truck at Burke Hollow



Burke Hollow Satellite Site



Burke Hollow Satellite Site

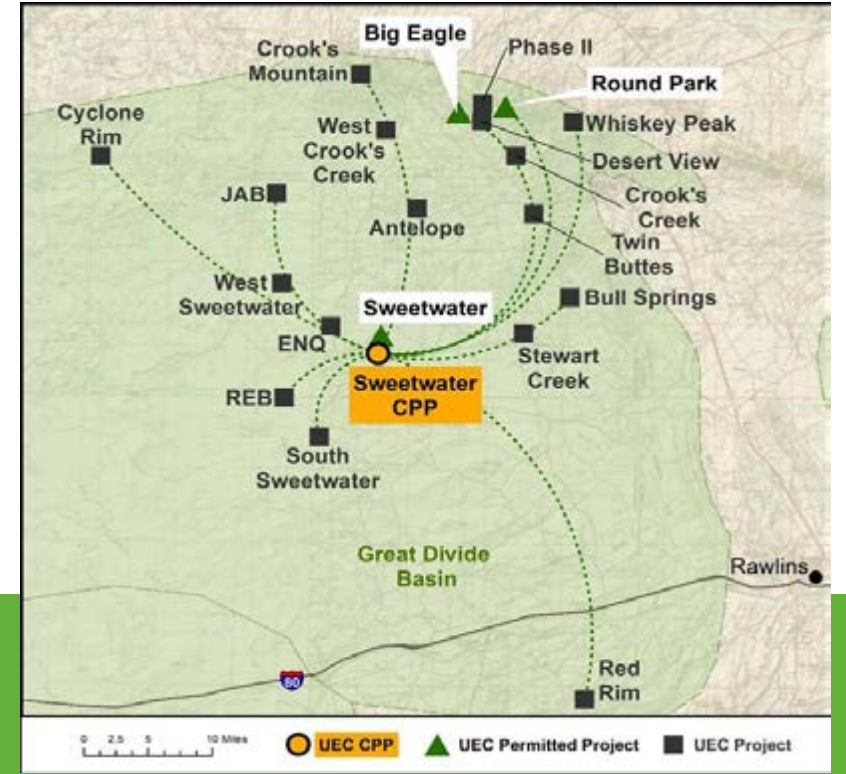
⁽¹⁾ See slide 40 for a summary of resource estimates. Readers should review the applicable technical report summary, as identified on our recent Annual Report on Form 10-K, for important information on each project.

Great Divide Basin Hub-and-Spoke Development

Sweetwater Central Processing Plant



Sweetwater Plant, Wyoming



4.1M lbs/yr

Licensed
Production
Capacity

4

Satellite
Projects

175M

Pounds in
Historical⁽¹⁾
Resources

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(1) Based upon internal studies and other historic data prepared by prior owners in regards to the projects and dated between 1984 and 2019. Such estimates are being treated by the Company as historical in nature and a qualified person has not done sufficient work to classify the historical estimates as current mineral resources. The Company is not treating them as current resource estimates and is disclosing these historic estimates for illustrative purposes and to provide readers with relevant information regarding the projects. In addition, such estimates were not prepared under S-K 1300 standards and the results of future estimates by the Company may vary from these historic estimates.



Acquisition of Wyoming Uranium Assets from Rio Tinto



Creates UEC's Third U.S. Hub-and-Spoke Production Platform

- Addition of Rio Tinto's Sweetwater Plant and **portfolio of permitted and exploration stage** uranium projects



Markedly Accretive Resource Growth

- Adding **~175 million pounds** of historic uranium resources⁽¹⁾
- **ISR amenable resources will be prioritized** for development (approx. 50% of resources)



Extensive Land Package, Geological Data and Exploration Optionality

- **Extensive geological database** from **~6.1 million feet of drilling**
- Creates portfolio of approximately **108,000 acres of land for prospective uranium discovery**



Highly Invested Asset Base with Operating Synergies

- Provides infrastructure and critical scale in the Great Divide Basin, with **opportunities to realize synergies**



Significant Scarcity Value and Production Optionality

- Rare opportunity to **acquire licensed facilities and permitted resource properties**, expediting production capabilities

Sweetwater Central Processing Plant

Advancing Sweetwater Mill and Properties

Accelerating Wellfield Development & Advancing FAST-41 Permitting

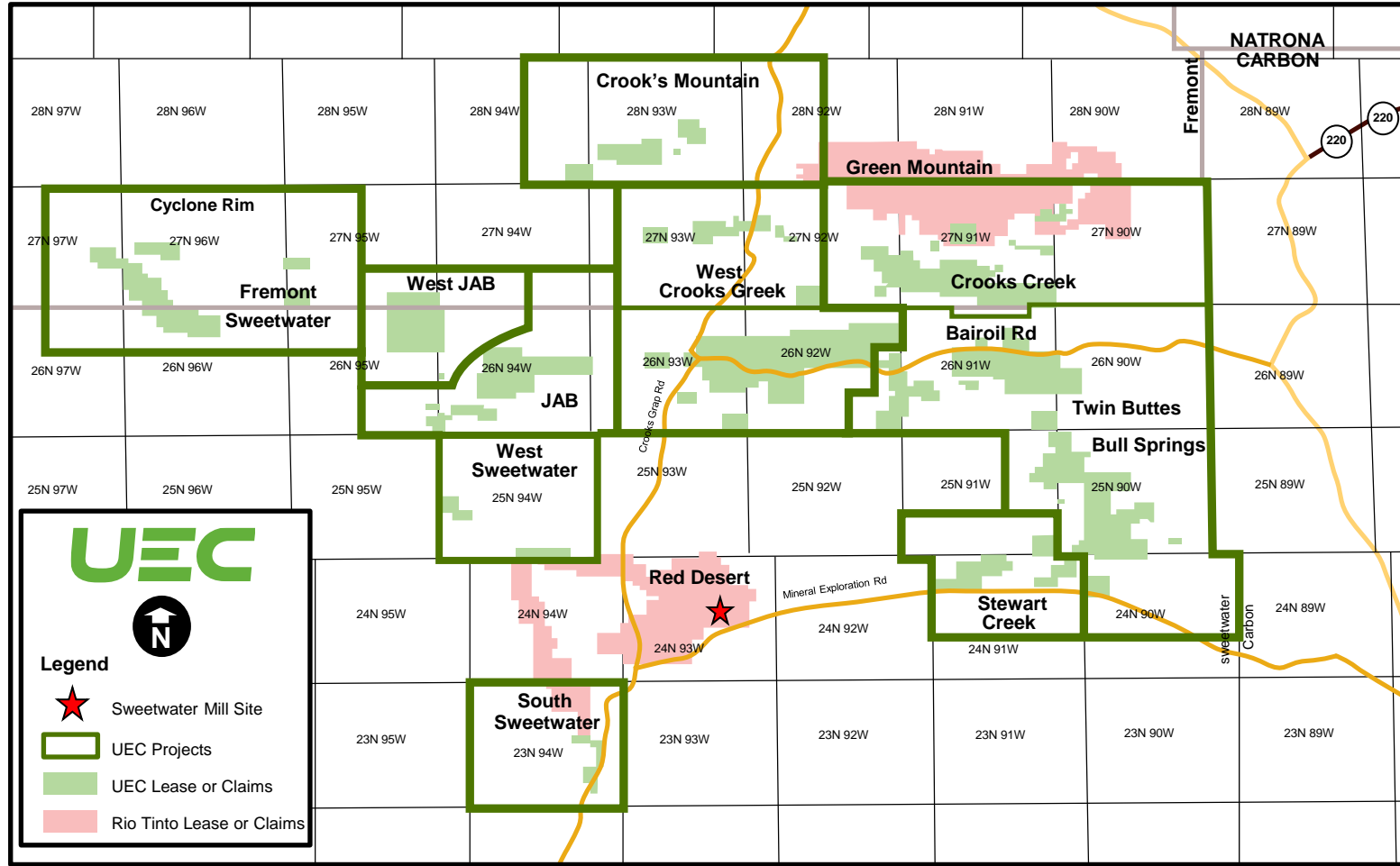
- ✓ Permitting milestone achieved with the finalization of the BLM's completeness review of UEC's Plan of Operations for ISR Operations.
- ✓ Commenced a 200-hole delineation drill program in the first two planned wellfields, which was completed in early May.
- ✓ A second 200-hole delineation drilling program is scheduled to begin in July 2026 for the third planned ISR wellfield.
- ✓ The Company commenced the assessment of refurbishment requirements for the Sweetwater Mill for both conventional and ISR operations.



**Largest Uranium complex in the U.S. –
Designated as a FAST-41 Transparency Project
In line with President Trump's Executive Orders**

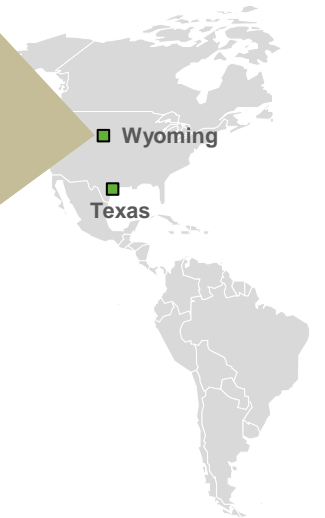
Sweetwater Project Added to FAST-41 Transparency Dashboard

Provides unmatched flexibility to scale production across the Great Divide Basin.



Home

Sweetwater Project

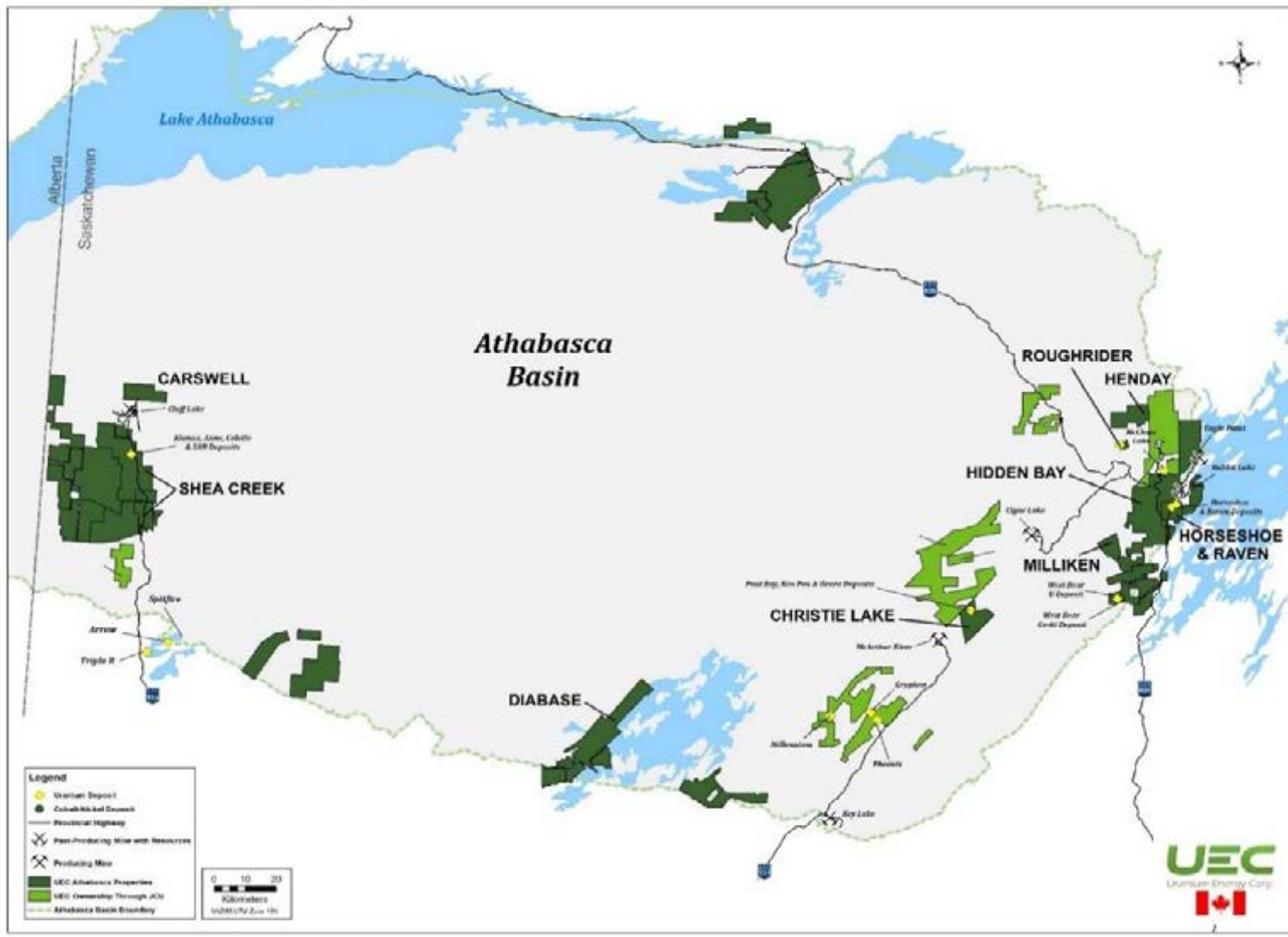


□ Projects + Processing Plants



Athabasca Basin, Canada

Scaling-up in the World's Most Prolific Uranium Mining District



Roughrider Project, Athabasca Basin

After Cameco and Orano, UEC controls the largest diversified resource base⁽¹⁾, hosted in multiple assets in Canada's Athabasca and Thelon Basins

109.9M_{lbs}
Attributable
M&I U₃O₈
Resources ⁽¹⁾

68.4M_{lbs}
Attributable
Inferred U₃O₈
Resources ⁽¹⁾

1.14M
Acres
Land position
for future
growth
opportunities

World Class Roughrider Project

Advancing Pre-Feasibility Study

Drilling Program >80% complete

- ✓ 80% of the 35,000-meter conversion core drilling program completed.
- ✓ Advancing technical studies.
- ✓ Working with SaskPower towards a Definition Phase Agreement for a high-voltage power connection, electrical load list and transmission interconnection service request has been provided.
- ✓ Advancing environmental studies and community engagement.



Roughrider

World Class Mine Plan with Leverage to Uranium Price

Initial Economic Assessment demonstrated **industry leading financial returns** in the **infrastructure rich** Eastern Athabasca Basin

Initial Assessment Report Physical Highlights ⁽¹⁾⁽²⁾		
Avg. LOM Annual Production	M lbs U ₃ O ₈	6.8
LOM Production	M lbs U ₃ O ₈	61.2
Mine Life	Years	9
Mill Processing rate	tonnes / day	400
Underground peak mining rate	tonnes / day	818
LOM tonnes processed	tonnes	1,205,000
LOM Avg. Head Grade	%U ₃ O ₈	2.36
Process Recovery	%	97.5
Capex (inc. mill & UG)	US\$	545M
AISC	US\$/lb U ₃ O ₈	\$20.48

Roughrider Project Financial Estimates based on Uranium Price ⁽¹⁾⁽²⁾			
Uranium Price (US\$ / lb U ₃ O ₈)	After-Tax NPV ₈	After-Tax IRR	Average Annual LOM EBITDA (US\$)
\$ 150 / lb U ₃ O ₈	US\$ 2.1 Billion	64%	\$ 730 Million
\$ 100 / lb U ₃ O ₈	US\$ 1.2 Billion	46%	\$ 473 Million
\$ 90 / lb U ₃ O ₈	US\$ 1.0 Billion	42%	\$ 421 Million
\$ 85 / lb U₃O₈	US\$ 0.9 Billion	40%	\$ 395 Million
\$ 50 / lb U ₃ O ₈	US\$ 0.3 Billion	21%	\$ 215 Million

Athabasca Growth Portfolio

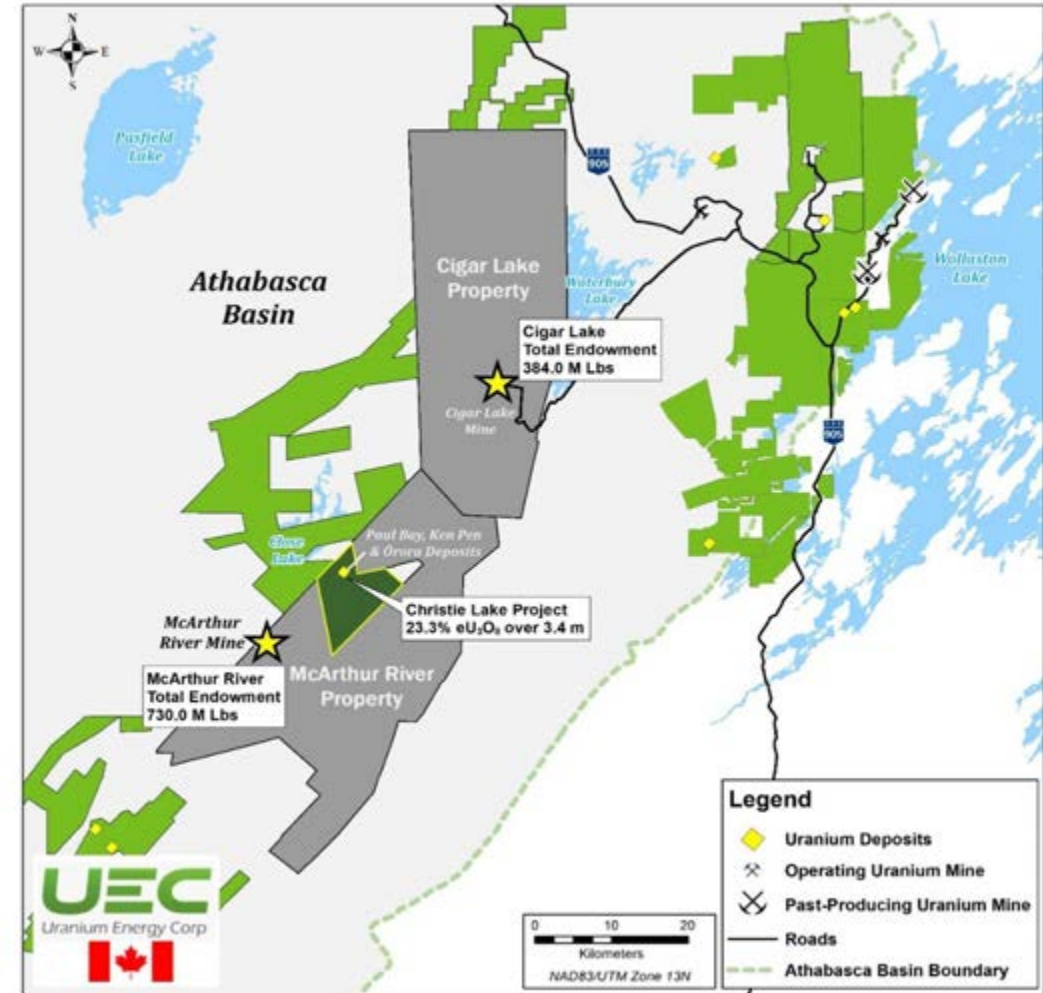
Strong Project Pipeline & Strategically Placed Assets

Christie Lake

- High-grade deposit along Cameco's McArthur River trend – the only exploration project not controlled by Cameco or Orano
- 20.35 M lbs. U_3O_8 in three existing deposits
- Exploration potential:
 - High-grade mineralized trend open to the east from drill hole that grades 68.7% eU_3O_8 over 2.1 m in CB-176A⁽¹⁾
 - No drill holes in untested south conductor

Additional Exploration Projects with Synergies

- **Horseshoe-Raven:** (100% ownership) 37.43 million Lbs. Indicated resources in 10,352,500 tonnes of ore. The project is ~40 km from potential Roughrider project and potential mill⁽²⁾
- **Hidden Bay:** (100% ownership) Exploration project representing the best brownfield exploration targets in the eastern Athabasca



Strong Joint-Venture Partnerships

Partnering with Established Uranium Miners allowing UEC to focus on Near-Term Growth
UEC exposure to 44.6 M lbs. Indicated, 18.2 M lbs. Inferred, and 21.5 M lbs. Historical



Millennium ~ 15.1%

- Millennium is an advanced uranium project located between Cameco's McArthur River Mine and Key Lake Mill in the Athabasca Basin
- Cameco's next global development project
- Hosts 75.9 M lbs. U_3O_8 of Indicated and 29.0 M lbs. U_3O_8 of Inferred resource (100% basis)⁽¹⁾



Shea Creek ~ 49.1%
Kiggavik ~ 16.9%

Shea Creek

- One of the largest undeveloped deposits in the Athabasca Basin
- Hosts 67.6 M lbs. U_3O_8 of Indicated and 28.1 M lbs. U_3O_8 of Inferred resources (100% basis)⁽²⁾

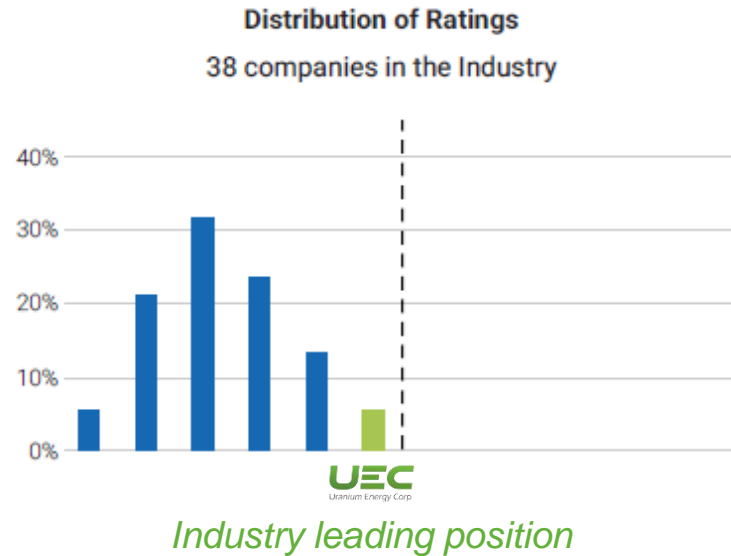
Kiggavik

- Kiggavik is an advanced uranium project located in Nunavut
- Hosts 127.3 M lbs. U_3O_8 of historical Indicated and 5.4 M lbs. U_3O_8 of historical Inferred resource (100% basis)⁽³⁾

(1) Based upon Cameco's annual information form for the year ended December 31, 2024, a copy of which is available under its profile at www.sedarplus.ca. This estimate was prepared by Cameco in accordance with National Instrument 43-101 and CIM Definition Standards which may not be comparable to resource estimates prepared under SK 1300. (2) See the technical report summary titled "Technical Report on the Shea Creek Project, Saskatchewan" with an effective date of October 31, 2022, available under UEC's profile at www.sec.gov. (3) Kiggavik resources as reported by Orano in their 2021 Activities Report available on their website at www.orano.group converted from tonnes U to pounds U_3O_8 and from %U to % U_3O_8 . The reader is cautioned that neither UEC or UEX are aware whether Orano's reporting of resources conforms to NI 43-101 and CIM guidelines. These are treated by the UEX and UEC as historic resource estimates. There are no other estimates available to UEC or UEX.

Industry Leader in Sustainability

- ✓ UEC is an industry leader, tied for 1st place in ISS's industry universe, based on its Sustainability Corporate Rating
- ✓ UEC holds leading ISS Quality Score and Corporate ratings for the Company's proactive sustainability practices⁽¹⁾



UEC At a Glance

Liquid Assets⁽¹⁾	\$794 million, no debt
Average Daily Traded Value - 3 months⁽³⁾	\$145 M
Shares Outstanding	493.3 M
Options + Stock Awards	7.0 M
Fully Diluted	500.3 M

Recent Activity	\$12.61 As of June 8, 2026
Market Cap	\$6.22 B As of June 8, 2026

Member of the **Russell 2000®** Index

Top Shareholders

UEC Team, T. Rowe Price Associates, Vanguard Group, Blackrock, Mirae Asset Financial, State Street Corp, Van Eck Associates, Geode Capital Management, Norges Bank, ALPS Advisors, Driehaus Capital Management

Analyst Coverage

Alexander Pearce, BMO Capital Markets
Katie Lachapelle, Canaccord Genuity
Brian Lee, Goldman Sachs
Heiko Ihle, H.C. Wainwright & Co.
Mohamed Sidibe, National Bank
Joseph Reagor, ROTH Capital Partners
Justin Chan, Sprott Capital Partners
Ralph Profiti, Stifel Canada
Craig Hutchison, TD Securities



(1) As at April 30, 2026. Liquid assets consist of cash, equity securities, subscription receipts, and uranium inventories. Does not include inventory in-process or dried and drummed concentrate at the Irigaray CPP. Market values for securities are based on applicable closing prices on April 30, 2026, and for uranium inventories are based on the spot price quoted on UxC ConverDyn on such date.

Over 900 Years of Combined Experience in the Uranium Industry



Amir Adnani
President, CEO, Director

An entrepreneur, founding CEO of UEC, founder and Co-Chairman of GoldMining Inc., with extensive experience building natural resource companies. Serves on the World Nuclear Association Board of Management.



Spencer Abraham
Chairman, Board of Directors

Served as a U.S. Senator from 1995 to 2001, as Secretary of Energy from 2001 to 2005 and previously as non-executive Chairman of Areva's U.S. board.



Scott Melbye
Executive Vice President

Over 40 years of experience in senior roles with uranium majors, Cameco, Uranium One, and Kazatomprom. President of Uranium Producers of America and former Chair of the World Nuclear Fuel Market.



Brent Berg
Senior VP of U.S. Operations

Former President of Cameco Resources, leading Cameco's U.S. uranium ISR operations in Wyoming and Nebraska. More than 21 years of experience in uranium production.



Donna Wichers
Senior VP - Production Growth

Former COO and board member of Uranium One Americas. Over 40 years of experience in senior roles with ISR and conventional uranium mines in the U.S.



Josephine Man
CFO, Secretary, Treasurer

Over 28 years of experience in financial reporting, corporate finance, mergers and acquisitions, and risk management. Previously served as CFO of Uranium Royalty Corp.



F.P. "Butch" Powell
VP of Marketing and Sales

More than 30 years' experience in the nuclear fuel industry – past Chair of the Nuclear Energy Institute's Fuel Suppliers Committee.



James Hatley
VP of Production - Canada

Over 25 years of mining experience incl. uranium and base metals mine development, construction, and operations. Led construction for Vale, developed McArthur River and Cigar Lake for Cameco Corp.



Scott Schierman
VP of Environment, Health & Safety - Wyoming

Over 40 years of experience in regulatory licensing and compliance in the uranium industry. Extensive experience with reclamation of conventional mill and uranium heap leach facilities.



Craig Wall
VP of Environment, Health & Safety - Texas

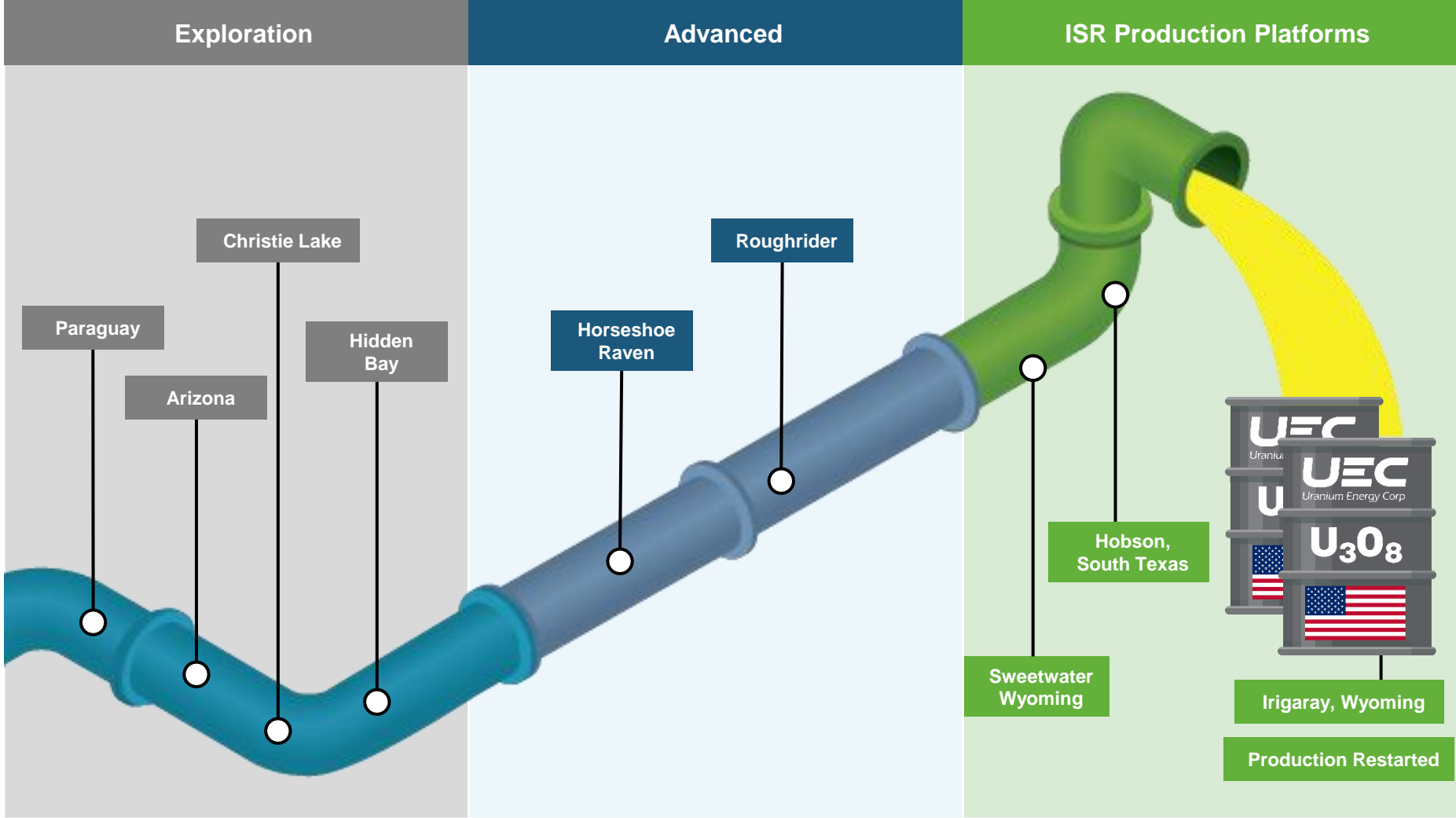
Over 15 years of permitting ISR projects in the U.S. ESG project manager. Chairman of Texas Mining & Reclamation Association uranium sub-committee.

Creating Value by Delivering on a Robust Pipeline

330.1 Million lbs. (230.1 M&I / 100.0 Inf.) Plus 175 Historical^(1,2)

- Minority Asset Interests:
- **Millennium** (15.0% interest – operated by Cameco)
 - **Kiggavik** (16.9% interest – operated by Orano)
 - **Shea Creek** (49.1% interest – operated by Orano)
 - **Wheeler River** (5.0% interest – operated by Denison)

- Minority Equity Interests:
- **Uranium Royalty Corp.** (13.5%)
 - **Anfield Energy Inc.** (32.4%)



URANIUM ENERGY CORP | NYSE AMERICAN: **UEC** | URANIUMENERGY.COM



(1) Does not include the Kiggavik, Wheeler River, or West Bear project resources. Refer to the appendix for a detailed breakdown of resources reported under S-K 1300, note the Disclaimer on Slide 2, and refer to the Company's technical report summaries on SEDAR+ and EDGAR. (2) Based upon internal studies and other historic data prepared by prior owners in regards to the projects and dated between 1984 and 2019. Such estimates are being treated by the Company as historical in nature and a qualified person has not done sufficient work to classify the historical estimates as current mineral resources. The Company is not treating them as current resource estimates and is disclosing these historic estimates for illustrative purposes and to provide readers with relevant information regarding the projects. In addition, such estimates were not prepared under S-K 1300 standards and the results of future estimates by the Company may vary from these historic estimates.

Uniquely Positioned with 100% Unhedged Production and Significant Growth Pipeline

- Positioned to become the first and only U.S. vertically integrated Company with mining, processing, refining and conversion capabilities
- Advancing the Phased Ramp-Up of Low-Cost U.S. ISR operations
-  12.1 M lbs of combined U.S. Licensed Production Capacity from 3 Central Processing Plants
-  Advancing the High-grade Roughrider Project with Initial Assessment Economic Study reporting \$946M Post Tax NPV₈
- Largest resource portfolio in the U.S. and one of the largest in North America: Total resources of 330.1 M lbs. U₃O₈ (230.1 M&I / 100.0 Inf.) with 175 M lbs Historical
- Robust Financial Position with \$794 million in liquid assets⁽¹⁾
- Geopolitical events and energy security have placed a premium on North American supply

(1) As at April 30, 2026. Liquid assets consist of cash, equity securities, subscription receipts, and uranium inventories. Does not include inventory in-process or dried and drummed concentrate at the Irigaray CPP. Market values for securities are based on applicable closing prices on April 30, 2026, and for uranium inventories are based on the spot price quoted on UxC ConverDyn on such date.



Appendix

UEC U.S. and Paraguay Resource Summary⁽¹⁾



PROJECTS	Measured Resources			Indicated Resources			M+I	Inferred			Exploration Target			Historic**		
	Tons ('000)	Grade (% U ₃ O ₈)	lbs. U ₃ O ₈ ('000)	Tons ('000)	Grade (% U ₃ O ₈)	lbs. U ₃ O ₈ ('000)	lbs. U ₃ O ₈ ('000)	Tons ('000)	Grade (% U ₃ O ₈)	lbs. U ₃ O ₈ ('000)	Tons ('000)	Grade (% U ₃ O ₈)	lbs. U ₃ O ₈ ('000)	Tons ('000)	Grade (% U ₃ O ₈)	lbs. U ₃ O ₈ ('000)
ARIZONA																
Anderson				16,175	0.099	32,055	32,055									
Los Cuatros														30,000	0.02	12,000
Workman Creek								1,981	0.113	4,459						
NEW MEXICO																
Dalton Pass														2,530	0.09	4,430
C de Baca																500
WYOMING																
Reno Creek	14,990	0.043	12,920	16,980	0.039	13,070	25,990	1,920	0.039	1,490						
Irigaray				3,881	0.076	5,899	5,899	104	0.068	141						
Christensen Ranch ⁽³⁾				6,555	0.073	9,596	9,596			0						
Moore Ranch	2,675	0.06	3,210				3,210	46	0.047	44						
Ludeman	2,674	0.091	5,017	2,660	0.088	4,697	9,714	866	0.073	1,258						
Allemand-Ross	246	0.083	417	32	0.066	42	459	1,275	0.098	2,496						
Barge				4,301	0.051	4,361	4,361			0						
Jab/West Jab	1,621	0.073	2,335	253	0.077	392	2,727	1,402	0.06	1,667						
Charlie				1,255	0.12	3,100	3,100	411	0.12	988						
Clarkson Hill							0	957	0.06	1,113						
Nine Mile Lake							0	3,405	0.04	4,308						
Red Rim				337	0.17	1,142	1,142	473	0.16	1,539						
Sweetwater Complex																175,000
Remaining Wyoming District																72,476
TEXAS																
Burke Hollow	581	0.086	964	3,329	0.083	5,191	6,155	2,596	0.104	4,883	3,000 to 6,000	0.03 to 0.06	1,800 to 7,200			
Goliad	1,595	0.053	2,668	1,504	0.102	3,492	6,160	333	0.195	1,224						
La Palangana				232	0.134	643	643	302	0.18	1,001						
Salvo								1,200	0.08	2,839						
PARAGUAY																
Yuty				9,074	0.050	8,962	8,962	2,733	0.04	2,203						
Oviedo							0				28,900 to 53,800	0.04 to 0.05	23,100 to 56,000			
TOTALS	24,382		27,531	66,568		92,642	120,173	20,004		31,639	31,900 to 69,800	0.04 to 0.06	24,900 to 63,200	32,530	0.1*	264,406

(1) Note to Investors. Measured, Indicated and Inferred Resources are estimated in accordance with SEC SK-1300. (*) Weighted averages. (**) The foregoing historical resource estimates were completed prior to the implementation of SK-1300. A qualified person has not completed sufficient work to classify the historic mineral resources as current mineral resources, and the estimate should not be relied upon. (2) Exploration Target: is a statement or estimate of the exploration potential of a mineral deposit in a defined geological setting where the statement or estimate, quoted as a range of tonnage and a range of grade (or quality), relates to mineralization for which there has been insufficient exploration to estimate a mineral resource. (3) Does not include inventory in-process or finished inventory at the Irigaray Central Processing Plant.

Canadian Attributable Resource Summary

S-K 1300 Resources ⁽¹⁾						
Project	Indicated Resources			Inferred Resources		
	Tonnes (000's)	Grade (% U ₃ O ₈)	M lbs. U ₃ O ₈	Tonnes (000's)	Grade (% U ₃ O ₈)	M lbs. U ₃ O ₈
Roughrider	699	1.81	27.86	619	2.45	33.38
Christie Lake	-	-	-	488	1.57%	16.84
Horseshoe-Raven	10,353	0.16%	37.43	-	-	-
Shea Creek	1,009	1.49%	33.18	616	1.01%	13.78
Millennium	217	2.39%	11.42	62	3.19%	4.36
Total	12,278	0.41%	109.89	1,785	1.74%	68.36

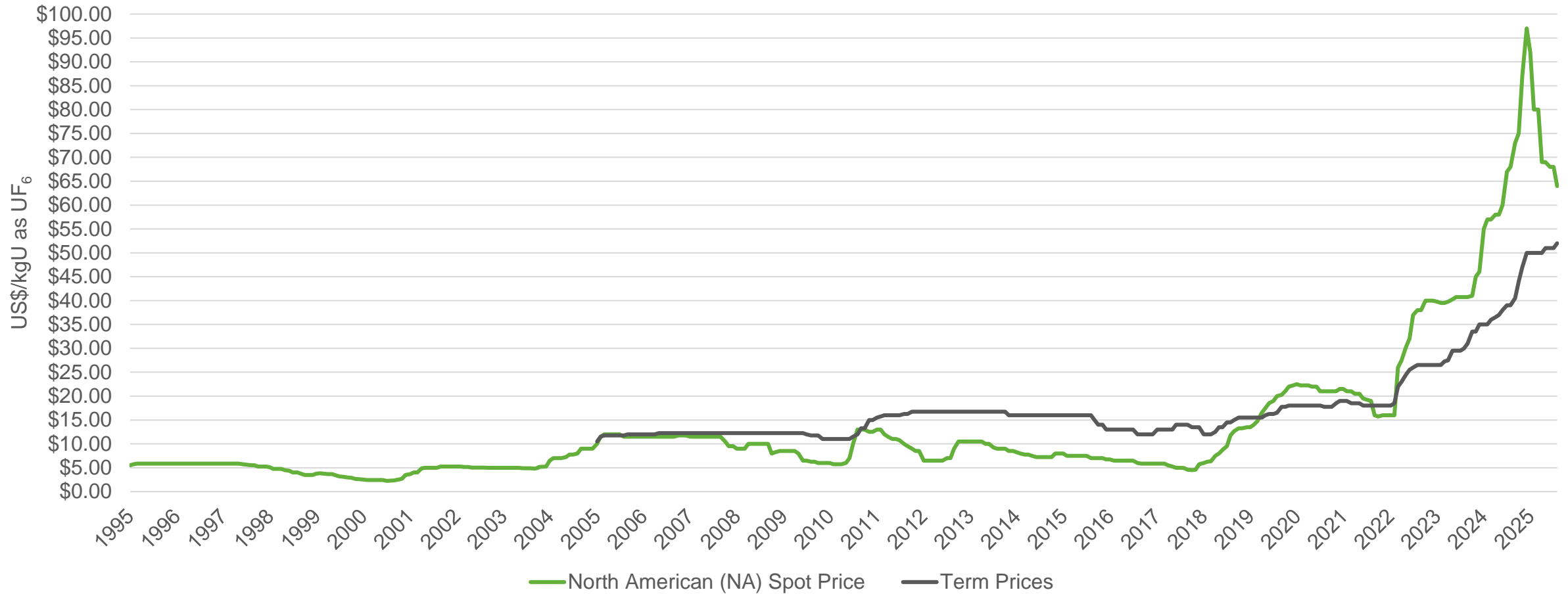
Fundamentals Favor Significant Price Appreciation

Prices Still Well Below Previous Highs

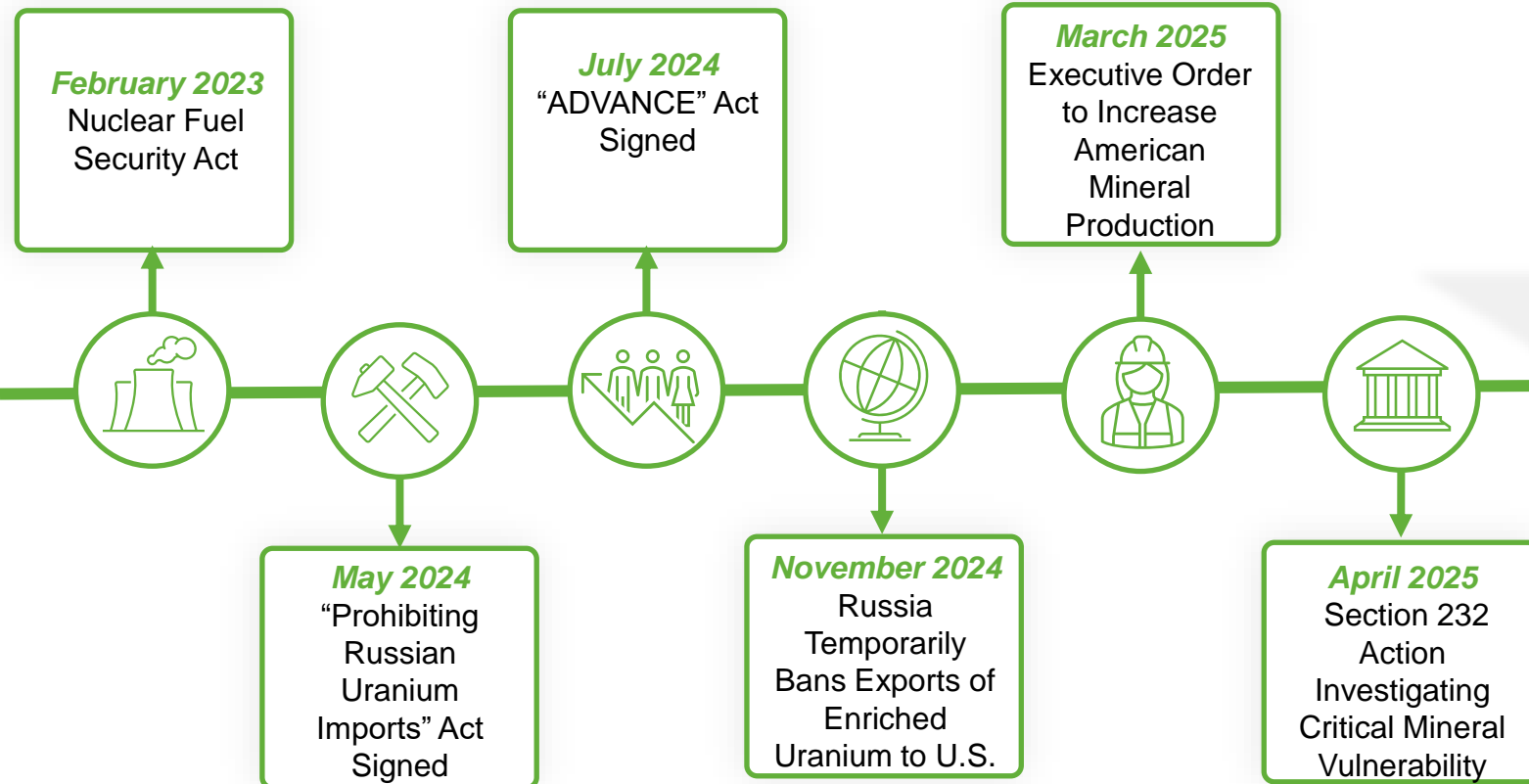


Historical Ux Conversion Prices 1995-2025

Ux Conversion Prices, 1995-2025⁽¹⁾



Unprecedented Bipartisan & White House Support Resulting in Investments to Increase Domestic Uranium & Fuel Cycle Supply



May 2025

- Four Executive Orders Represent an Unprecedented Level of Policy Support to Revitalize the U.S. Nuclear Industry, including
- Targets **4x Increase in Nuclear Capacity by 2050**,
 - Reinvigorates the **Nuclear Industrial Base**,
 - **Accelerates Permitting Reform** and
 - **Invests in Advanced Reactors**



Emerging U.S. Government and SMR Demand for American Uranium



UEC and TerraPower announce a memorandum of understanding (“MOU”) with the objective of reestablishing domestic supply chains of uranium fuel

- This MOU will allow TerraPower and UEC to explore the potential supply of uranium for TerraPower’s first-of-kind Sodium reactor and energy storage system
- Wyoming’s Governor Mark Gordon stated: “This MOU is a great step forward for the Wyoming uranium industry”



IRIGARAY PLANT – WYOMING HUB & SPOKE OPERATIONS

UEC wins award from the U.S. Department of Energy to supply 300,000 lbs. U3O8 to the strategic uranium reserve at a 20% Premium (based on spot market price at the time)

- This award established the U.S. strategic uranium reserve which is part of Government’s goal of supporting America’s nuclear fuel supply chain
- Strategic uranium reserve expected to be a \$1.5 billion dollar program



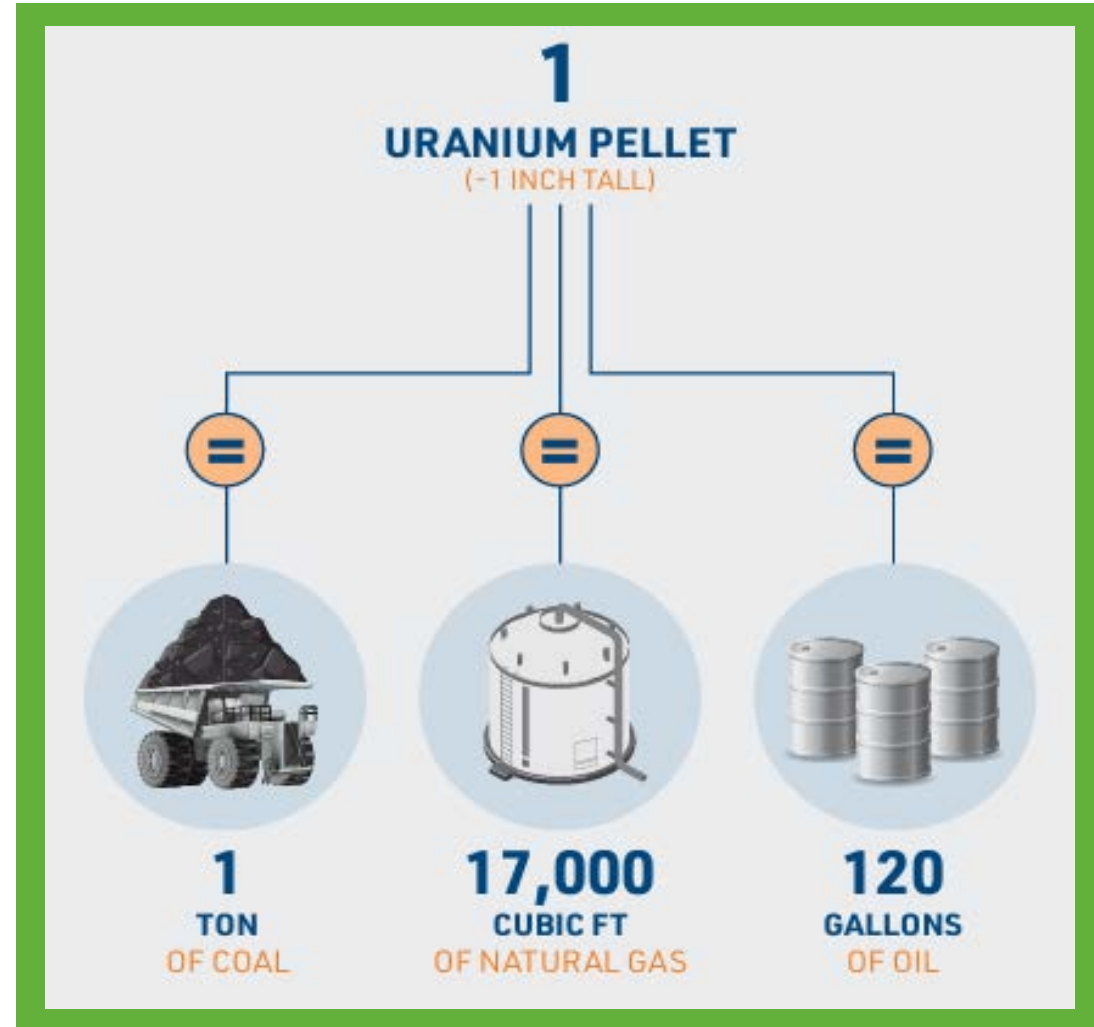
HOBSON PLANT – TEXAS HUB & SPOKE OPERATIONS

Uranium's Energy Density is its Greatest Strength

One of nuclear energy's key attributes is its energy intensity.

One uranium pellet produces as much energy as 1 ton of coal, 17,000 ft³ of natural gas and 120 gallons of oil.¹

- ✓ Compact and economic to transport.
- ✓ Lower mining footprint compared to many other minerals.
- ✓ Fuel costs make up only a small portion of nuclear electricity generation costs.
- ✓ Energy density results in limited waste.²



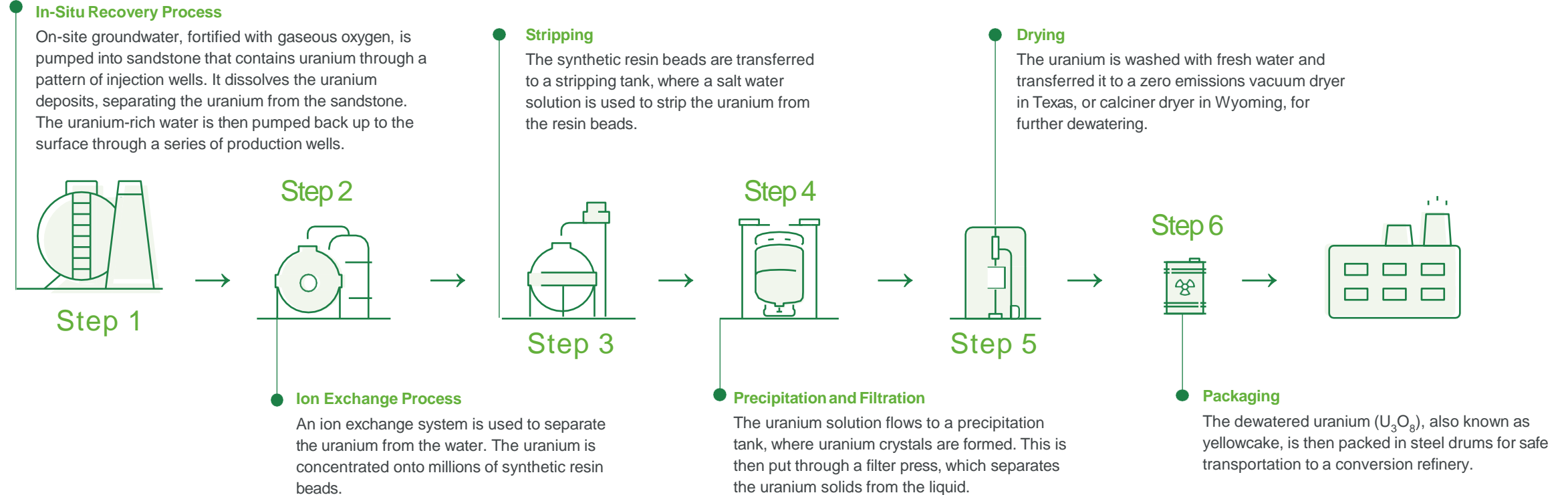
The Environmentally Friendly In-Situ Recovery Method

[VISIT OUR WEBSITE FOR MORE INFORMATION](#)

ISR is considered considerably more environmentally friendly compared to alternative, traditional mining approaches, as the ISR process does not require blasting or waste rock movement, resulting in less damage to the environment, minimal dust, and no resulting tailings or tailings facilities. Further, ISR is more discrete and, therefore, land access does not typically have to be restricted, and the area may be restored to its pre-mining usage faster than when applying traditional mining methods.

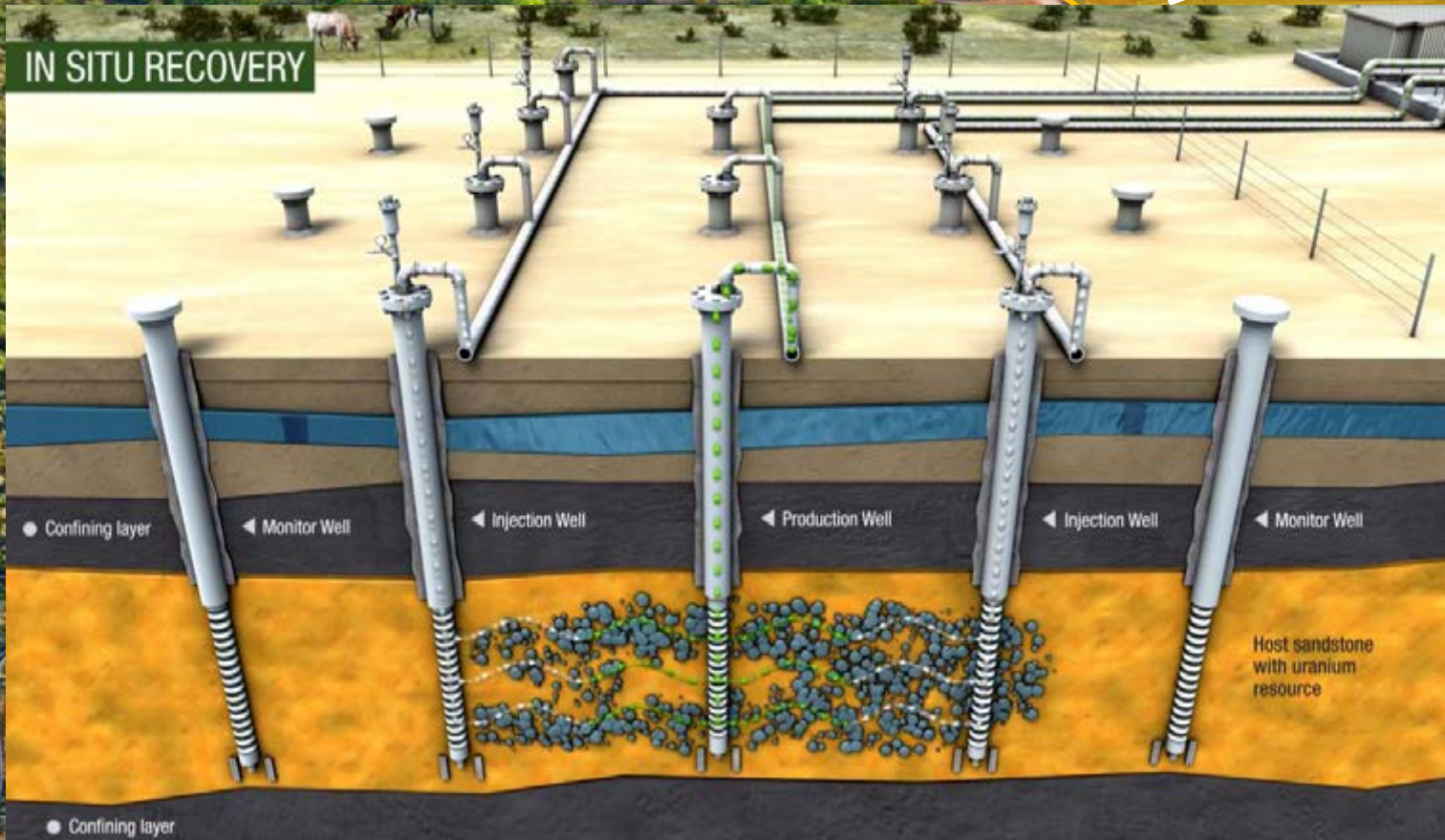
In-Situ Recovery Process

On-site groundwater, fortified with gaseous oxygen, is pumped into sandstone that contains uranium through a pattern of injection wells. It dissolves the uranium deposits, separating the uranium from the sandstone. The uranium-rich water is then pumped back up to the surface through a series of production wells.



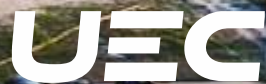
In-Situ Recovery Overview

Low Cost & Environmentally Friendly



*Watch how the
In Situ Recovery (ISR)
Technology works*

[Click Here](#)

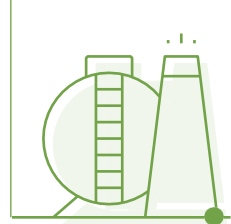


UEC's Role in the Nuclear Energy Value Chain

In-Situ Recovery

Uranium ore is extracted from the ground. UEC uses the cost-effective and environmentally friendly in-situ recovery method, which pumps on-site groundwater, fortified with gaseous oxygen, carbon dioxide and sodium bicarbonate, into the sandstone that contains the uranium through a pattern of injection wells. This solution dissolves the uranium, separating the uranium from the sandstone.

The uranium-filled water is surfaced through production wells. Using our ion exchange system and uranium-specific ion exchange resins, we separate the uranium from the water. We then transport the uranium-laden ion exchange resin to the Central Processing Plant where the uranium is stripped from the resin and concentrated into yellowcake.



Step 1

Step 2



Conversion

The drums of yellowcake are transported to a refinery, where the U_3O_8 (yellowcake) is converted to a uranium hexafluoride (UF_6) solid or gas.

Enrichment

The utility that purchases our refined uranium transports the UF_6 to an enrichment plant. There, the Uranium-235 isotope ($U-235$) of the UF_6 is enriched to 4%-5%. New small modular reactors ("SMRs") require fuel enriched to 19%-20% $U-235$.



Step 3

Step 4



Fuel Fabrication

Once the uranium has been enriched, it is transported to another facility for fabrication into solid fuel pellets – small cylindrical metallic pellets about the size of a Tic Tac – which are stacked together into sealed metal tubes called fuel rods. These rods are bundled together to form a fuel assembly for the reactors.

Reactors

Nuclear reactors, which use the enriched uranium for fuel, are the heart of a nuclear power plant. They contain and control nuclear chain reactions that produce heat through a physical process called fission. That heat is used to make steam that spins the turbine to create carbon-free electricity.



Step 5



Step 6

Distribution

That electricity is distributed along power lines to the end users.

Electrical Users

End users receive safe, reliable, clean energy to power their homes, businesses and industrial plants.



Step 7

FIND OUT MORE
ABOUT OUR ISR
PROCESS

Other Sources
of Electric Power





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Fax: (361) 888-5041

President and CEO:
Amir Adnani

Executive Vice President
Scott Melbye

Investor Relations:
Bruce J. Nicholson, CFA

UEC: NYSE American

Non-GAAP Measures

This presentation includes reference to "Total Cost per Pound", "Cash Cost per Pound", "Non-Cash per Pound" and "Production-Based Royalties, Ad Valorem and Severance Tax per Pound", which do not have standardized meanings under GAAP. We define: (i) Total Cost per Pound as the addition to in-process inventory and uranium concentrates from extraction (each a component of inventories on the consolidated balance sheets) for the applicable period divided by the quantity (in pounds) of precipitated uranium and dried and drummed U_3O_8 produced in such period; (ii) Cash Cost per Pound as the addition to in-process inventory and uranium concentrates from extraction (each a component of inventories on the consolidated balance sheets), excluding depreciation, depletion and amortization, for the applicable period divided by the quantity (in pounds) of precipitated uranium and dried and drummed U_3O_8 in such period; (iii) Non-Cash Cost per Pound as the difference between Total Cost per Pound and Cash Cost per Pound; and (iv) Production-Based Royalties, Ad Valorem and Severance Tax per Pound (a component of Cash Cost per Pound) as the production-based royalties, ad valorem and severance tax accrued for the applicable period divided by the quantity (in pounds) of precipitated uranium and dried and drummed U_3O_8 produced in such period. We believe that, in addition to conventional measures prepared in accordance with GAAP, certain investors and other stakeholders also use this information to evaluate our operating and financial performance. The use of these performance measures is intended to provide additional information and should not be considered in isolation or as a substitute for measures of performance prepared in accordance with GAAP. Our definition of these measures may differ from other mining companies and therefore may not be comparable. These non-GAAP measures should be read in conjunction with our consolidated financial statements for the applicable periods.