

Curtis Moore on Energy Fuels' competitive advantage in the North American rare earths market

written by InvestorNews | December 5, 2023

In an InvestorNews interview, Tracy Weslosky spoke with Curtis Moore, Senior VP of Marketing & Corporate Development at [Energy Fuels Inc.](#) (NYSE American: UUUU | TSX: EFR). Curtis discussed Energy Fuels' focus on monazite sand, highlighting its high neodymium-praseodymium (NdPr) content, which provides a cost processing advantage over other rare earths bearing ores like bastnaesite. He explained that monazite's value is enhanced by its higher concentration of NdPr, essential for permanent rare earth magnets used in EVs and wind turbines, and its higher concentration of heavy rare earths. Curtis noted that while monazite has higher uranium and thorium levels than bastnaesite, Energy Fuels can efficiently process these elements at their uranium mill. He emphasized Energy Fuels' unique advantage in handling the naturally occurring uranium and thorium in rare earth bearing ores, a significant challenge for other companies. This capability allows them to potentially monetize these elements, especially as thorium markets mature.

Curtis also addressed a key question he wishes people would ask more often: why Energy Fuels is likely to succeed in the rare earth sector where many others have failed? He attributed their potential success to their inherent advantages in processing rare earth bearing ores and producing advanced materials. These advantages include their experience with solvent extraction, a technology crucial for producing separated rare earth oxides,

and their existing infrastructure at the White Mesa Mill in Utah. Curtis highlighted their \$25 million investment in a rare earth separation circuit at the mill, which is expected to be operational in the first quarter of 2024, with a capacity to produce about 1000 metric tons of NdPr oxide per year, enough for 500,000 to 1,000,000 EVs annually. He expressed high confidence in their ability to succeed in the rare earth industry due to these factors.

To access the complete interview, [click here](#)

Don't miss other InvestorNews interviews. Subscribe to the InvestorNews YouTube channel by [clicking here](#)

About Energy Fuels Inc.

Energy Fuels is a leading US-based critical minerals company. The Company, as the leading producer of uranium in the United States, mines uranium and produces natural uranium concentrates that are sold to major nuclear utilities for the production of carbon-free nuclear energy. Energy Fuels recently began production of advanced rare earth element (“**REE**”) materials, including mixed REE carbonate, and plans to produce commercial quantities of separated REE oxides in the future. Energy Fuels also produces vanadium from certain of its projects, as market conditions warrant, and is evaluating the recovery of radionuclides needed for emerging cancer treatments. Its corporate offices are in Lakewood, Colorado, near Denver, and substantially all its assets and employees are in the United States. Energy Fuels holds two of America's key uranium production centers: the White Mesa Mill in Utah and the Nichols Ranch in-situ recovery (“**ISR**”) Project in Wyoming. The White Mesa Mill is the only conventional uranium mill operating in the US today, has a licensed capacity of over 8 million pounds of U_3O_8 per year, and has the ability to produce vanadium when

market conditions warrant, as well as REE products, from various uranium-bearing ores. The Nichols Ranch ISR Project is on standby and has a licensed capacity of 2 million pounds of U₃O₈ per year. The Company recently acquired the Bahia Project in Brazil, which is believed to have significant quantities of titanium (ilmenite and rutile), zirconium (zircon) and REE (monazite) minerals. In addition to the above production facilities, Energy Fuels also has one of the largest NI 43-101 compliant uranium resource portfolios in the US and several uranium and uranium/vanadium mining projects on standby and in various stages of permitting and development.

To learn more about Energy Fuels Inc., [click here](#)

Disclaimer: *Energy Fuels Inc. is an advertorial member of InvestorNews Inc.*

This interview, which was produced by InvestorNews Inc. ("InvestorNews"), does not contain, nor does it purport to contain, a summary of all material information concerning the Company, including important disclosure and risk factors associated with the Company, its business and an investment in its securities. InvestorNews offers no representations or warranties that any of the information contained in this interview is accurate or complete.

This interview and any transcriptions or reproductions thereof (collectively, this "presentation") does not constitute, or form part of, any offer or invitation to sell or issue, or any solicitation of any offer to subscribe for or purchase any securities in the Company. The information in this presentation is provided for informational purposes only and may be subject to updating, completion or revision, and except as may be required by applicable securities laws, the Company disclaims any intent or obligation to update any information herein. This

presentation may contain “forward-looking statements” within the meaning of applicable Canadian securities legislation. Forward-looking statements are based on the opinions and assumptions of the management of the Company as of the date made. They are inherently susceptible to uncertainty and other factors that could cause actual events/results to differ materially from these forward-looking statements. Additional risks and uncertainties, including those that the Company does not know about now or that it currently deems immaterial, may also adversely affect the Company’s business or any investment therein.

Any projections given are principally intended for use as objectives and are not intended, and should not be taken, as assurances that the projected results will be obtained by the Company. The assumptions used may not prove to be accurate and a potential decline in the Company’s financial condition or results of operations may negatively impact the value of its securities. This presentation should not be considered as the giving of investment advice by the Company or any of its directors, officers, agents, employees or advisors. Each person to whom this presentation is made available must make its own independent assessment of the Company after making such investigations and taking such advice as may be deemed necessary. Prospective investors are urged to review the Company’s profile on [SedarPlus.ca](https://www.sedarplus.ca) and to carry out independent investigations in order to determine their interest in investing in the Company.

Byron W King talks to Energy Fuels and Ur-Energy about ramping up US uranium production

written by InvestorNews | December 5, 2023

In this InvestorIntel interview during PDAC 2022, host Byron W King is joined by [Energy Fuels Inc.](#)'s (NYSE American: UUUU | TSX: EFR) Vice President of Marketing and Corporate Development Curtis Moore, and [Ur-Energy Inc.](#)'s (NYSE American: URG | TSX: URE) Chairman, CEO, and President John Cash

In the interview, which can also be viewed in full on the InvestorIntel YouTube channel ([click here](#)), John and Curtis discuss world supply of uranium, which comes mostly out of Russia and Kazakhstan, and the capability of US producers to ramp up production quickly in case of increased demand or foreign supply problems. They also talk about the newly proposed, but short on details, \$4 billion US uranium support program that John Cash says will “probably be mostly focused on enrichment and conversion, but the feedstock for those two processes would likely come from domestic mines.”

Curtis talks about Energy Fuels' White Mesa Mill, the only conventional uranium mill left in the United States, which has been has recently been focused on rare earth elements, but he says “we're actually right now getting ready to switch over to producing uranium” as markets come back and Energy Fuels has sign a couple of long-term contracts with some US utilities.”

To access the full InvestorIntel interview, [click here](#)

Don't miss other InvestorIntel interviews. Subscribe to the InvestorIntel YouTube channel by [clicking here](#).

About Energy Fuels Inc.:

Energy Fuels is a leading U.S.-based uranium mining company, supplying U_3O_8 to major nuclear utilities. Energy Fuels also produces vanadium from certain of its projects, as market conditions warrant, and is ramping up commercial-scale production of rare earth element ("REE") carbonate. Its corporate offices are in Lakewood, Colorado, near Denver, and all its assets and employees are in the United States. Energy Fuels holds three of America's key uranium production centers: the White Mesa Mill in Utah, the Nichols Ranch in-situ recovery ("ISR") Project in Wyoming, and the Alta Mesa ISR Project in Texas. The White Mesa Mill is the only conventional uranium mill operating in the U.S. today, has a licensed capacity of over 8 million pounds of U_3O_8 per year, and has the ability to recycle alternate feed materials from third parties, to produce vanadium when market conditions warrant, and to produce REE carbonate from various uranium-bearing ores. Energy Fuels is also evaluating the potential to recover medical isotopes for use in targeted alpha therapy cancer treatments. The Nichols Ranch ISR Project is on standby and has a licensed capacity of 2 million pounds of U_3O_8 per year. The Alta Mesa ISR Project is also on standby and has a licensed capacity of 1.5 million pounds of U_3O_8 per year. In addition to the above production facilities, Energy Fuels also has one of the largest SK-1300/NI 43-101 compliant uranium resource portfolios in the U.S. and several uranium and uranium/vanadium mining projects on standby and in various stages of permitting and development.

To learn more about Energy Fuels Inc., [click here](#)

About Ur-Energy Inc.

Ur-Energy is a uranium mining company operating the Lost Creek *in-situ* recovery uranium facility in south-central Wyoming. We have produced, packaged, and shipped approximately

2.6 million pounds U_3O_8 from Lost Creek since the commencement of operations. Ur-Energy now has all major permits and authorizations to begin construction at Shirley Basin, the Company's second *in situ* recovery uranium facility in Wyoming and is in the process of obtaining remaining amendments to Lost Creek authorizations for expansion of Lost Creek. Ur-Energy is engaged in uranium recovery and processing activities, including the acquisition, exploration, development, and operation of uranium mineral properties in the United States. The primary trading market for Ur-Energy's common shares is on the NYSE American under the symbol "URG." Ur-Energy's common shares also trade on the Toronto Stock Exchange under the symbol "URE." Ur-Energy's corporate office is located in Littleton, Colorado and its registered office is located in Ottawa, Ontario.

To know more about Ur-Energy Inc., [click here](#)

Disclaimer: Energy Fuels Inc. and Ur-Energy Inc. are advertorial members of InvestorIntel Corp.

This interview, which was produced by InvestorIntel Corp., (IIC), does not contain, nor does it purport to contain, a summary of all the material information concerning the "Company" being interviewed. IIC offers no representations or warranties that any of the information contained in this interview is accurate or complete.

This presentation may contain "forward-looking statements" within the meaning of applicable Canadian securities legislation. Forward-looking statements are based on the opinions and assumptions of the management of the Company as of the date made. They are inherently susceptible to uncertainty and other factors that could cause actual events/results to differ materially from these forward-looking statements. Additional risks and uncertainties, including those that the

Company does not know about now or that it currently deems immaterial, may also adversely affect the Company's business or any investment therein.

Any projections given are principally intended for use as objectives and are not intended, and should not be taken, as assurances that the projected results will be obtained by the Company. The assumptions used may not prove to be accurate and a potential decline in the Company's financial condition or results of operations may negatively impact the value of its securities. Prospective investors are urged to review the Company's profile on [Sedar.com](https://www.sedar.com) and to carry out independent investigations in order to determine their interest in investing in the Company.

If you have any questions surrounding the content of this interview, please contact us at +1 416 792 8228 and/or email us direct at info@investorintel.com.

The Uranium Bull in the Room – Why the Excitement is Back

written by InvestorNews | December 5, 2023

In this InvestorIntel PDAC 2022 Panel on “The Uranium Bull in the Room”, host Tracy Weslosky is joined by [Energy Fuels Inc.](#)'s (NYSE American: UUUU | TSX: EFR) Vice President of Marketing and Corporate Development Curtis Moore, [Appia Rare Earths & Uranium Corp.](#)'s (CSE: API | OTCQX: APAAF) CEO and Director Tom Drivas, [Standard Uranium Ltd.](#)'s (TSXV: STND | OTCQB: STTDF) CEO and Chairman Jon Bey, and [U308 Corp.](#) (NEX: UWE.H) President, CEO

and Director Dr. Richard Spencer.

In the video, which can also be viewed in full on the InvestorIntel YouTube channel ([click here](#)), Curtis Moore says that there was a lot of excitement at PDAC this year over uranium, with the spot price rising and nuclear power being an essential part of the world-wide commitment to carbon-free energy production. Dr Richard Spencer added that “you cannot get to net zero without nuclear” and that a “fundamental driver of the uranium space at the moment is the small modular reactors.”

Jon Bey points out that Canada is moving forward with plans for small modular reactors in several provinces, including Saskatchewan. “Isn’t it amazing the place where uranium is being mined is actually going to be powered by nuclear?”

The panel discusses how the Sprott Physical Uranium Trust has had an impact on the uranium market. Energy Fuels’ Curtis Moore observes that the Sprott fund “basically swept up a whole bunch of excess inventories that were floating around the market, being traded around and keeping the price depressed,” and has resulted now in “a nice uplift in the price.”

The drive to secure a domestic supply of uranium is also discussed, as well as the concerns about “Russia controlling about two-thirds of the world’s uranium resources.” Tom Drivas says that with current geopolitical uncertainties “even eastern European countries are looking to uranium outside of Russia.”

To access the full InvestorIntel interview, [click here](#)

Don’t miss other InvestorIntel videos. Subscribe to the InvestorIntel YouTube channel by [clicking here](#).

About Energy Fuels Inc.

Energy Fuels is a leading U.S.-based uranium mining company,

supplying U_3O_8 to major nuclear utilities. Energy Fuels also produces vanadium from certain of its projects, as market conditions warrant, and is ramping up commercial-scale production of rare earth element (“**REE**”) carbonate. Its corporate offices are in Lakewood, Colorado, near Denver, and all its assets and employees are in the United States. Energy Fuels holds three of America’s key uranium production centers: the White Mesa Mill in Utah, the Nichols Ranch in-situ recovery (“**ISR**”) Project in Wyoming, and the Alta Mesa ISR Project in Texas. The White Mesa Mill is the only conventional uranium mill operating in the U.S. today, has a licensed capacity of over 8 million pounds of U_3O_8 per year, and has the ability to recycle alternate feed materials from third parties, to produce vanadium when market conditions warrant, and to produce REE carbonate from various uranium-bearing ores. Energy Fuels is also evaluating the potential to recover medical isotopes for use in targeted alpha therapy cancer treatments. The Nichols Ranch ISR Project is on standby and has a licensed capacity of 2 million pounds of U_3O_8 per year. The Alta Mesa ISR Project is also on standby and has a licensed capacity of 1.5 million pounds of U_3O_8 per year. In addition to the above production facilities, Energy Fuels also has one of the largest SK-1300/NI 43-101 compliant uranium resource portfolios in the U.S. and several uranium and uranium/vanadium mining projects on standby and in various stages of permitting and development.

To learn more about Energy Fuels Inc., [click here](#)

About Appia Rare Earths & Uranium Corp.

Appia is a Canadian publicly-listed company in the rare earth element and uranium sectors. The Company is currently focusing on delineating high-grade critical rare earth elements and gallium on the Alces Lake property, as well as exploring for high-grade uranium in the prolific Athabasca Basin on its

Otherside, Loranger, North Wollaston, and Eastside properties. The Company holds the surface rights to exploration for 105,026 hectares (259,525 acres) in Saskatchewan. The Company also has a 100% interest in 12,545 hectares (31,000 acres), with rare earth element and uranium deposits over five mineralized zones in the Elliot Lake Camp, Ontario.

To learn more about Appia Rare Earths & Uranium Corp., [click here](#)

About Standard Uranium Ltd.

Standard Uranium is a mineral resource exploration company based in Vancouver, British Columbia. Since its establishment, Standard Uranium has focused on the identification and development of prospective exploration stage uranium projects in the Athabasca Basin in Saskatchewan, Canada.

Standard Uranium's Davidson River Project, in the southwest part of the Athabasca Basin, Saskatchewan, is comprised of 21 mineral claims over 25,886 hectares. Davidson River is highly prospective for basement hosted uranium deposits yet remains relatively untested by drilling despite its location along trend from recent high-grade uranium discoveries.

To learn more about Standard Uranium Ltd., [click here](#)

About U308 Corp.

U308 Corp. is focused on the development of the Berlin Deposit in Colombia. Apart from uranium for clean, nuclear energy, the Berlin Deposit contains battery commodities; nickel, phosphate and vanadium. Phosphate is a key component of lithium-ion ferro-phosphate ("LFP") batteries that are being used by BYD, Tesla and a growing list of electric vehicle manufacturers. Nickel is a component of various lithium-ion batteries, while vanadium is

the element used in vanadium redox flow batteries. Neodymium, one of the rare earth elements contained within the Berlin Deposit, is a key component of powerful magnets that are used to increase the efficiency of electric motors and in generators in wind turbines.

The Company's mineral resource estimate for the Berlin Deposit was made in accordance with National Instrument 43-101. The preliminary economic assessment ("PEA") on the Berlin Deposit showed positive economics and highlighted areas in which both operating, and capital costs could be reduced to enhance the economics of the deposit. Extensive metallurgical test work showed that revenue streams would be dominated by uranium, phosphate, nickel, vanadium and rare earth elements, of which only two were considered in the economic assessment.

A PEA is preliminary in nature, it includes inferred mineral resources that are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as mineral reserves, and there is no certainty that the preliminary economic assessment will be realized.

To learn more about U308 Corp., [click here](#)

Disclaimer: *Energy Fuels Inc., and Appia Rare Earths & Uranium Corp. are advertorial members of InvestorIntel Corp.*

This interview, which was produced by InvestorIntel Corp., (IIC), does not contain, nor does it purport to contain, a summary of all the material information concerning the "Company" being interviewed. IIC offers no representations or warranties that any of the information contained in this interview is accurate or complete.

This presentation may contain "forward-looking statements"

within the meaning of applicable Canadian securities legislation. Forward-looking statements are based on the opinions and assumptions of the management of the Company as of the date made. They are inherently susceptible to uncertainty and other factors that could cause actual events/results to differ materially from these forward-looking statements. Additional risks and uncertainties, including those that the Company does not know about now or that it currently deems immaterial, may also adversely affect the Company's business or any investment therein.

Any projections given are principally intended for use as objectives and are not intended, and should not be taken, as assurances that the projected results will be obtained by the Company. The assumptions used may not prove to be accurate and a potential decline in the Company's financial condition or results of operations may negatively impact the value of its securities. Prospective investors are urged to review the Company's profile on [Sedar.com](https://www.sedar.com) and to carry out independent investigations in order to determine their interest in investing in the Company.

If you have any questions surrounding the content of this interview, please contact us at +1 416 792 8228 and/or email us direct at info@investorintel.com.

We're Back — PDAC mood

positive in spite of sagging market

written by Stephen Lautens | December 5, 2023

After an absence of more than two years, PDAC was back this week. Even lingering Covid concerns and soft markets couldn't dull the enthusiasm at the world's largest mining and investor trade show back in person for the first time since 2020.

Attendance was down from pre-pandemic highs with the official count placing this year at almost 17,500 visitors (compared to in-person 23,000 attendees in 2020), but you wouldn't have known it from the first day's crush at registration. Either surprised or out of practice, PDAC officials struggled to sign in thousands of people who showed up on the opening day. At one point police shut the outer doors to the Metro Convention Centre because the registration floor was over the safe capacity. Once inside there was still an over half hour wait for pre-registered attendees to get their badges. But miners and investors are by necessity a patient lot, and none of the first day's initial delays dampened the enthusiasm of being back in person.

For years the industry and investors have tried to judge market sentiment for the coming year by the "mood on the floor". The mood at PDAC 2022 was decidedly upbeat and enthusiastic, even as the S&P/TSX and the Venture Composite Indexes dropped between Monday and Wednesday as people were packing up their booths. The buoyant mood might have been the result of the joy of seeing people again, but there was a genuine feeling of optimism for the gold, nickel, silver and critical materials sectors, especially among the large number of companies who had secured financing this spring for continued exploration and development in 2022.

As a PDAC media sponsor, InvestorIntel found a number of old favorites and hidden gems on the trade show floor, some of which we will be bringing to the attention of our readers in the next few weeks. Some companies have been quietly expanding and developing their projects during Covid and now deserve a wider audience.



The InvestorIntel PDAC Panel Series: “The Uranium Bull in the Room” with moderator Tracy Weslosky and panelists Dr. Richard Spencer from U308 Corp., Tom Drivas from Appia Rare Earths and Uranium, Curtis Moore from Energy Fuels, and Jon Bey from Standard Uranium.

We also took the opportunity to catch up with some leading CEOs and industry experts for an update and analysis on markets, commodities and progress on properties. These informative panel discussions will be available as videos next week on InvestorIntel.com and our [YouTube channel](#).

If the energy and enthusiasm (not to mention the packed hospitality suites) of PDAC 2022 is any indicator, market sentiment is extremely high for a good second half of this year. It's not a very scientific measurement, but at this point, we'll take it.

Lifton with Energy Fuels'

Moore on Trump and who has the largest uranium capacity in the US

written by InvestorNews | December 5, 2023

"We have three production facilities. We have the White Mesa Mill in southeast Utah that is operating today...It has a capacity of producing 8 million pounds a year. We have an in-situ recovery (ISR) facility in Wyoming called the Nichols Ranch facility. It has a licensed capacity of 2 million pounds a year. Then we have Alta Mesa in-situ facility in South Texas which has produced about a million pounds per year. Nobody has as much capacity as we have...Uranium has not necessarily been on the government's watchlist until recently. When President Trump came into office, he issued a critical minerals list and there was finally a recognition that uranium is critical not just for the US national security but also for US energy security. There were 35 minerals on that list including vanadium. We are one of the major producers of vanadium in the United States. So, two of the minerals on that list are produced by Energy Fuels." States Curtis Moore, VP of Marketing and Corporate Development at [Energy Fuels Inc.](#) (NYSE American: UUUU | TSX: EFR), in an interview with InvestorIntel's Jack Lifton.

Curtis went on to say that the US consumes about 47 million pounds of uranium per year but the country produced just 172,000 pounds of uranium last year which is not sufficient to supply even one nuclear reactor. Energy Fuels is the largest producer of uranium in the United States and has the only producing conventional uranium mill in the U.S. Curtis also said that the US imports close to 40% of its uranium from Kazakhstan, Russia, and Uzbekistan which are geopolitical rivals of the country.

Uranium price is about \$25 per pound which below the cost of production of almost all of the US uranium producers. The heavily subsidized state-owned enterprises of Russia and China are flooding the market which is having an impact on the national security of the countries like the United States.

To access the complete interview, [click here](#)

Disclaimer: Energy Fuels Inc. is an advertorial member of InvestorIntel Corp.