Sustainability Factsheet

Ur-Energy is contributing to a clean energy future by providing the crucial fuel needed for nuclear energy. Currently in the U.S., nuclear power generates almost 20% of the country's electricity. Nuclear power is a critical component of decarbonization strategies worldwide to lower greenhouse gas emissions in the effort to meet climate change objectives.

Ur-Energy is committed to producing uranium in a manner that minimizes environmental impact and returns the environment to conditions that existed prior to mining. As part of our focus on Health, Safety & Environment ("HSE"), Ur-Energy is committed to achieving excellence in sustainability in all aspects of its business, including environmental protection, health and safety, and equitable governance. We undertake to act responsibly as stewards of the resources in our charge, working for the well-being of our employees and the communities in which we live and operate.

This sustainability factsheet summarizes efforts undertaken in 2024 and our objectives for 2025 and 2026.

Nuclear Energy Benefits

471M

Metric tons of carbon emissions avoided each year

475,000

Well-paying, sustainable direct and indirect jobs in the nuclear industry

48%

Of America's carbon-free electricity is from nuclear, the largest source of clean energy

5

Uranium pellets (the size of a pencil eraser) generate one household's annual electricity, compared to 5 tons of coal

Source: Nuclear Energy Institute 2024

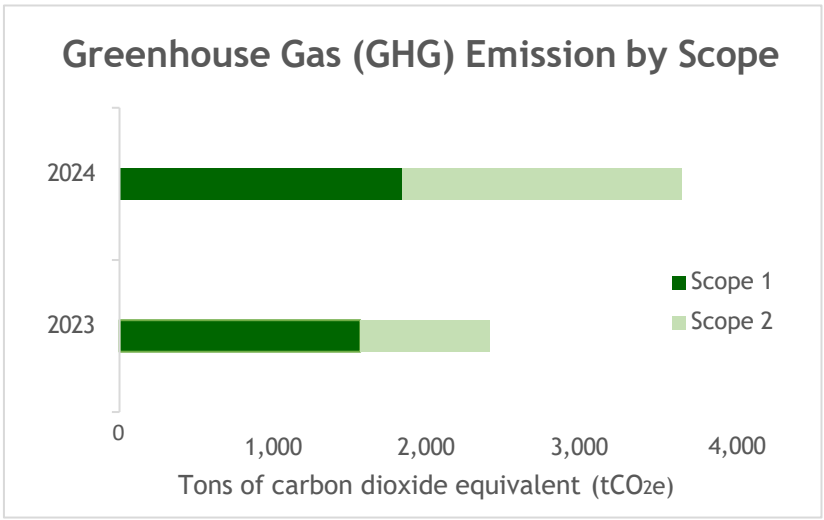
Ur-Energy is engaged in uranium recovery and processing activities, including the acquisition, exploration, development, and operation of high-value uranium mineral properties in the United States.

Environmental

Minimizing environmental impact by adhering to the highest environmental practices.

2025 - 2026 Objectives

- Increase the percentage of recycled groundwater
- Expand Greenhouse Gas ("GHG") calculations to Shirley Basin ISR
- Maintain zero significant environmental incidents
- Continue to research processes, practices, and technologies that will lead to improved environmental stewardship
- Continued adherence to our HSE Policy



99.3%

of groundwater used is recycled

500,000 +

gallons of water naturally elevated in uranium and other radionuclides, treated and returned to the environment using shallow well injection

18

average pounds of CO_2 emitted per pound of uranium produced*

*Based on production of at least 500,000 lbs

1Million

pounds of CO_2 injected into formation**

** CO_2 injected is not credited in GHG calculations

Environmental Data

Green House Gas Emissions	Units	2024	2023
Direct GHG emissions (Scope 1)	metric tons of CO_2 eq	1,850	1,576
Indirect GHG emissions (Scope 2)	metric tons of CO_2 eq	1,828	849
Total GHG emissions	metric tons of CO_2 eq	3,679	2,425
Total heat and electricity consumption	MWh	6,345	2,947
Water Consumption	**Units**	**2024**	**2023**
Total volume of water recovered from the wellfield	Mgallons	670	223
Total volume of water returned to wellfield	Mgallons	664	216
Total volume of water treated and returned to shallow aquifer	Mgallons	1.3	0.63
Other	**Units**	**2024**	**2023**
Reportable spills	number	3	4
Product transportation incidents	number	0	0
Noncompliance with environmental regulations	number	0	0
Total amount of 11e.(2) waste generated	cubic yards	136	50

Social

Maintain a culture of safety that prioritizes the well-being of our employees and strengthens the communities in which we operate.

2025 - 2026 Objectives

- Continue to effectively train employees to perform operations safely and efficiently. Promote engagement in the behavior-based safety program while maintaining at least 80% participation
- Implement a behavior-based safety program at Shirley Basin to proactively address and track safety concerns
- Continue to implement and adhere to the highest safety practices to reduce employees' exposure to radiation
- Achieve a TRIR lower than the industry average. Reduce TRIR by 30% each year until the objective is met

1500+ hrs

of job-specific training provided to Ur-Energy employees

68 mrem

Average dose at Lost Creek

~80%

Participation rate in the behavior-based safety program at Lost Creek

17.8

2024 total recordable incident rate (TRIR)

Social Data

Occupational Health and Safety

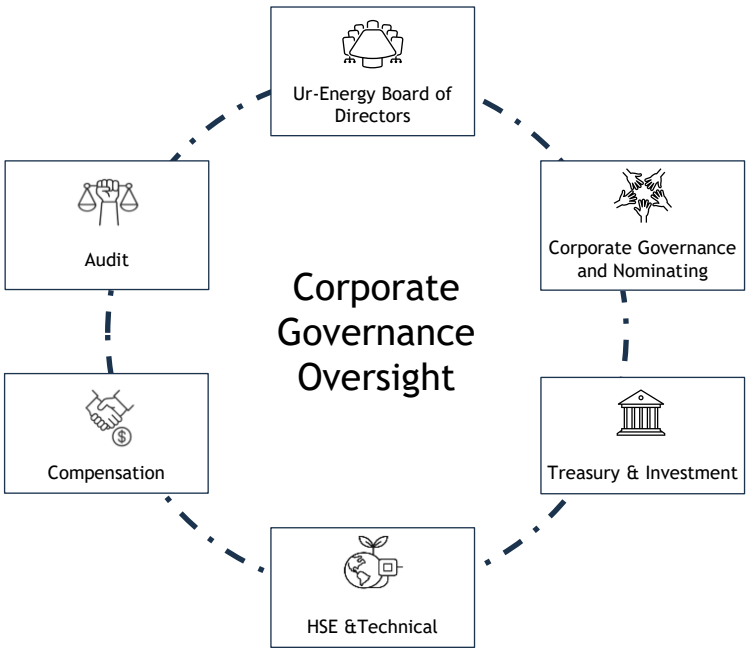
Occupational Health and Safety	Units	2024	2023
Number of fatalities	quantity	0	0
Total Recordable Incident Rate (TRIR)	quantity	17.77	9.12
Lost Time Incident Rate (LTIR)	quantity	13.03	5.47
Number of Hours Worked	quantity	168,825	109,613
Radiation Safety			
Average natural background radiation	mrem	310	310
Average annual total effective dose equivalent	mrem	68	82
Maximum annual total effective dose equivalent	mrem	300	345
Nuclear Regulatory Commission Occupational Limit	mrem	5000	5000

Governance

Upholding the highest standards of business conduct and ethics.

2025 - 2026 Objectives

- Continue to strengthen cybersecurity at project sites and remediate any vulnerabilities
- Conduct internal and external reviews of the company-wide IT system
- Review and update governance-related policies, and update to align with evolving standards



Governance

Clear and transparent policies can be found on our Governance website

Cybersecurity

Engage IT expert to assess vulnerabilities and implement system improvements

Internal Controls

Routine internal and third-party reviews ensure compliance with IT policies, security protocols, and industry standards