



AMERICAN CLEAN  
RESOURCES

# RENEWABLE REVOLUTION

ACRG OVERVIEW

CLEAN AIR. CLEAN WATER. CLEAN LAND.

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# THE FUTURE.

American Clean Resources Group, Inc. ("ACRG") stands as a beacon of innovation in the realm of renewable and environmental development for both public and private properties within the United States and will lead us into the future of a decarbonized supply chain.

**TAWANA BAIN**  
CEO



AMERICAN CLEAN RESOURCES GROUP, INC.

Industry: Precious Metals & Mining

Stock Symbol: (OTC: ACRG)

Market Cap: \$84.0M

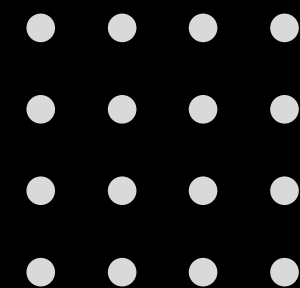
52 Week Range: \$1.00 - \$12.00

Recent Price February 20, 2024: \$8.50





# OUR TEAM



**Tawana Bain**

**CEO**



**J. Bryan Read**

**PRESIDENT**



**Sharon L. Ullman**

**CFO**

[Click to review bio's](#)





# FORWARD LOOKING STATEMENT

This document contains forward-looking statements within the scope of the safe harbor provisions as established by the U.S. Private Securities Litigation Reform Act of 1995. These forward-looking statements, excluding historical facts, represent the American Clean Resources Group, Inc. (the "Company") views and expectations. While the Company's management holds reasonable belief in the validity of these forward-looking statements, there can be no assurance that these expectations will prove accurate. These forward-looking statements inherently carry inherent risks and uncertainties that could result in future outcomes differing significantly from the Company's projections.

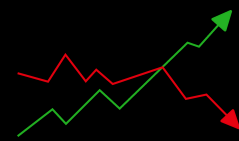
Some of these potential risks and uncertainties encompass interpretations or reinterpretations of geological data, unfavorable outcomes from exploration efforts, challenges in obtaining the necessary permits for future exploration, development, or production activities, broader economic conditions affecting the industries in which the Company operates, regulatory requirements, and approvals subject to uncertainty, fluctuations in mineral and commodity prices, final investment approvals, and the ability to secure financing on favorable terms, if at all.

For more comprehensive insight into the factors that may deviate actual results from these forward-looking statements, please refer to the Company's filings with the Securities and Exchange Commission, including the Annual Report on Form 10-K for the year concluding on December 31, 2022, as well as any subsequent regulatory filings throughout 2023. The Company does not undertake any obligation to update or revise the information contained or referenced in this document, reflecting its commitment to transparency and accuracy in disclosing forward-looking information.

Source: American Clean Resources Group, Inc.



# RECENT FILINGS



TRADING SYMBOL: ACRG



**10K**  
04.17.23

**8K**  
06.13.23

**Form 4**  
8.07.23

**Form 4**  
8.15.23

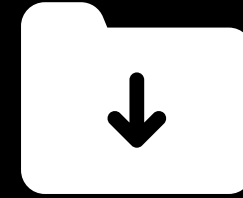
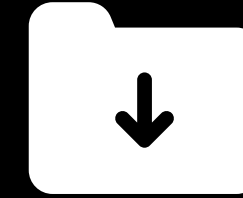
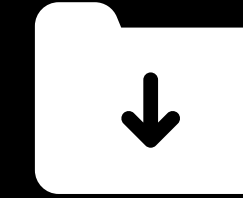
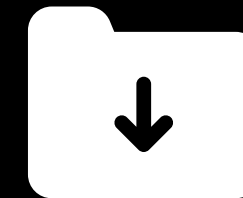
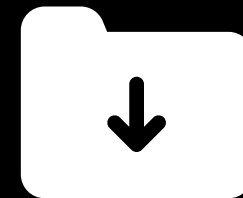
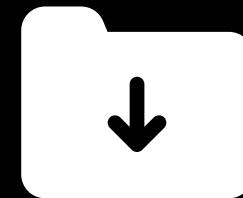
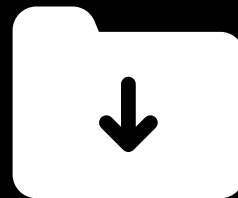
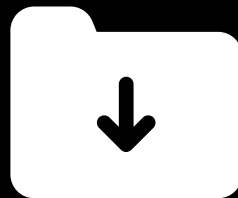
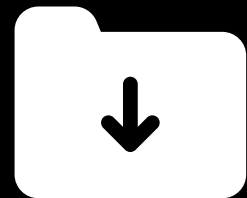
**13D**  
8.17.23

**8 K**  
9.12.23

**8 K**  
9.14.23

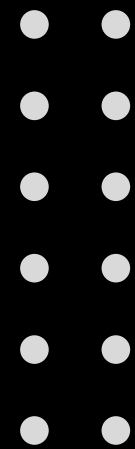
**8 K**  
9.19.23

**8 K**  
9.21.23



Year Ending 12.31.22

## ALL HISTORIC FILINGS



# OUR MISSION

American Clean Resources Group, Inc. ("ACRG"), an environmentally sustainable development platform, is at the forefront of renewable and environmental development in the United States, through comprehensive Resource Management and processing of precious minerals and metals in a carbon-neutral and environmentally safe manner. Dedicated to revolutionizing the new American Supply Chain by aiming to deliver goods with a net-zero environmental impact, ACRG is committed to advancing climate change reduction, strengthening the American Supply Chain, and aiming to lead one of the largest renewable energy projects in the U.S. ACRG leverages existing assets and pursues strategic acquisitions across air, water, and land domains to benefit both public and private properties within the United States.

**3.5+ Million  
Tons at our  
Immediate  
Disposal.**



Carbon neutral  
precious minerals  
and metals

ACRGINCORP.COM



# THE OPPORTUNITY IS MASSIVE



Every American Born Will Need... **3.07 MILLION POUNDS** of minerals, metals, and fuels in their lifetime

60,662 lbs. CEMENT	11,154 lbs. CLAYS	235,074 lbs. COAL	993 lbs. COPPER	1,452 lbs. BAUXITE (ALUMINUM)
20,246 lbs. IRON ORE	840 lbs. LEAD	1.5 lb. LITHIUM	12,148 lbs. PHOSPHATE ROCK	1.18 Troy oz. GOLD
3.2 lbs. SILVER	1.34M lbs. STONE, SAND & GRAVEL	458 lbs. ZINC	1.36M lbs. OTHER MINERALS, METALS & FUELS	

Learn more: [MineralsEducationCoalition.org](https://MineralsEducationCoalition.org)

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**EVERY YEAR:** 40,209 pounds of new minerals must be provided for every person in the United States to make the things we use daily

10,603 lbs.	<b>Stone</b> is used to make roads, buildings, bridges, landscaping and other construction uses, and for numerous chemical uses.	13 lbs.	<b>Copper</b> is used in buildings, transportation, plumbing, electrical and electronic parts, and is integral in renewable energy production.
6,952 lbs.	<b>Sand and Gravel</b> are used to make concrete, asphalt, roads, blocks and bricks.	11 lbs.	<b>Lead</b> is primarily used in lead-acid batteries in vehicles and other power systems, such as in communications.
794 lbs.	<b>Cement</b> is used to make roads, sidewalks, bridges, buildings, schools and houses.	6 lbs.	<b>Zinc</b> is used to make metals rust-resistant, to make various metals and alloys, paints, rubber, and in skin creams, health care and nutritional supplements.
265 lbs.	<b>Iron Ore</b> is used to make steel for buildings, cars, trucks, planes, trains, and for other construction and containers.	30 lbs.	<b>Soda Ash</b> is used in all kinds of glass, powdered detergents, medicines, as a food additive, and for water treatment.
390 lbs.	<b>Salt</b> is used in various chemicals, for highway deicing, and in food and agriculture.	6 lbs.	<b>Manganese</b> is used to make almost all steel for construction, and in machinery and transportation.
159 lbs.	<b>Phosphate Rock</b> is used to make fertilizers to grow food and in animal feed supplements.	665 lbs.	<b>Other Nonmetals</b> are used in glass, chemicals, soaps, paper, computers, cell phones, and more.
146 lbs.	<b>Clays</b> are used to make floor and wall tile, dinnerware, kitty litter, bricks, cement and paper.	23 lbs.	<b>Other Metals</b> are used in electronics, TV and video equipment, recreation equipment, and more.
19 lbs.	<b>Aluminum (from bauxite)</b> is used to make buildings, beverage containers, autos and airplanes.	0.04 lb.	<b>Silver</b> is used in cars, solar technology, batteries and medical equipment.
0.02 lb.	<b>Lithium</b> – 80% of lithium mined is used to make batteries, increasingly important in many technological devices and electric vehicles.		

**Including These Energy Fuels**

- 1,111 gallons of Petroleum
- 95,633 cu. ft. of Natural Gas
- 3,077 lbs. of Coal
- 0.14 lb. of Uranium

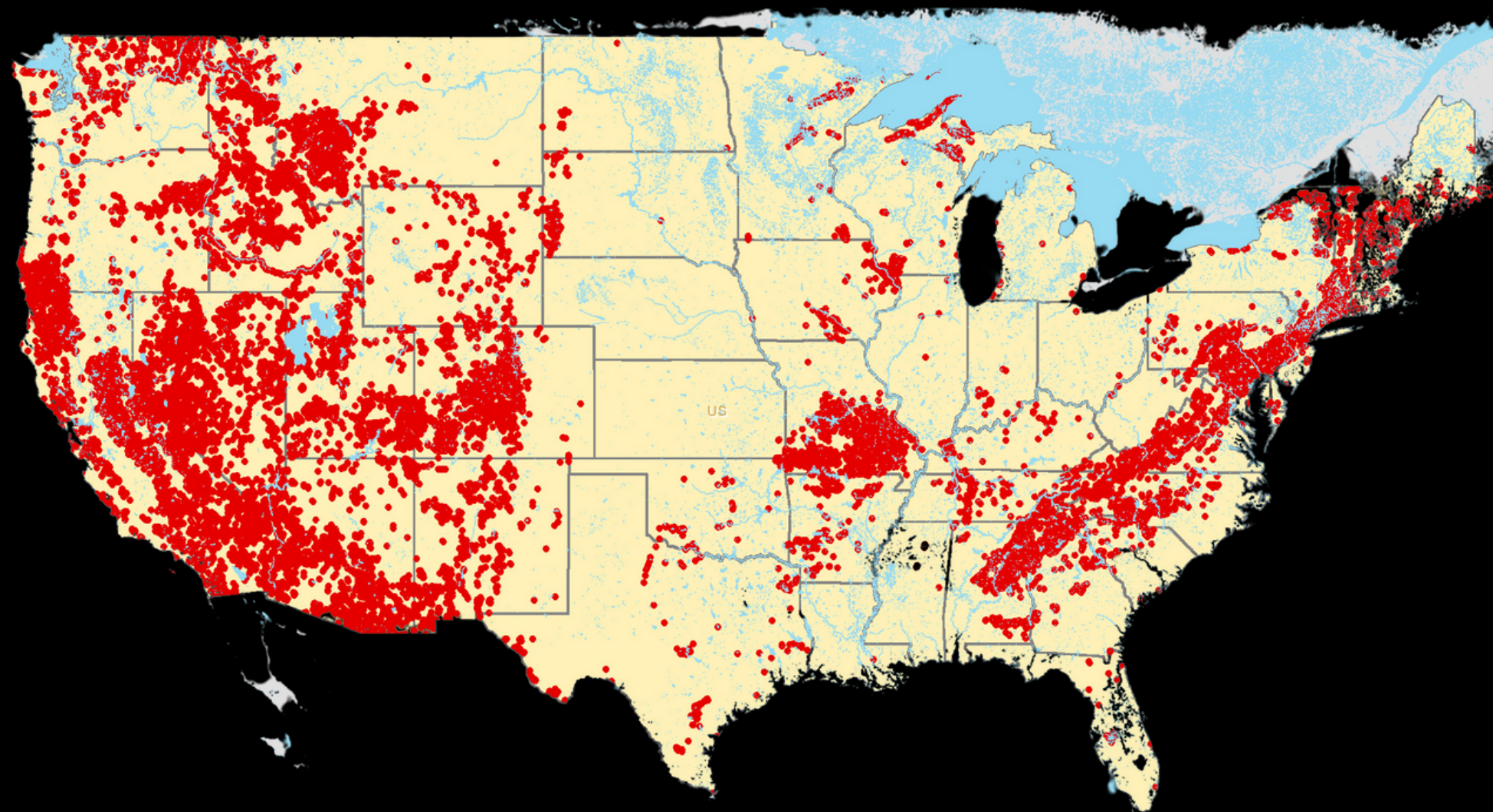
To generate the energy each person uses in one year.

© 2023 Minerals Education Coalition   [MineralsEducationCoalition.org](https://MineralsEducationCoalition.org)   SME Foundation





# THE SUPPLY AVAILABILITY IS SUBSTANTIAL



● *represent public sites dormant and/or abandoned mine sites*

Hundreds of millions of tons are currently located on over 62,000 public sites in the United States.



# WHAT'S IN OUR RESERVES?



**SILVER**

**6,000,000 -  
6,400,000 OZ**



**GOLD**

**38,000-  
44,000 OZ**



# THE PROJECT VISION



## TODAY



## THE FUTURE - ILLUSTRATIVE



Our initial focus will be on three key areas:

1. Processing of metals and minerals from tailings.
2. Renewable Energy Power Sales
3. Clean Water Technology Solutions.

Our Tonopah property, which spans 1,183 acres, plays a vital role in our overall strategy to excel in the toll, specialty, and custom milling sectors. We are proud to hold 387 Acre Feet of highly sought-after annual water rights, which equals approximately 126 million gallons per year, and a recently drilled well.



# STRATEGY



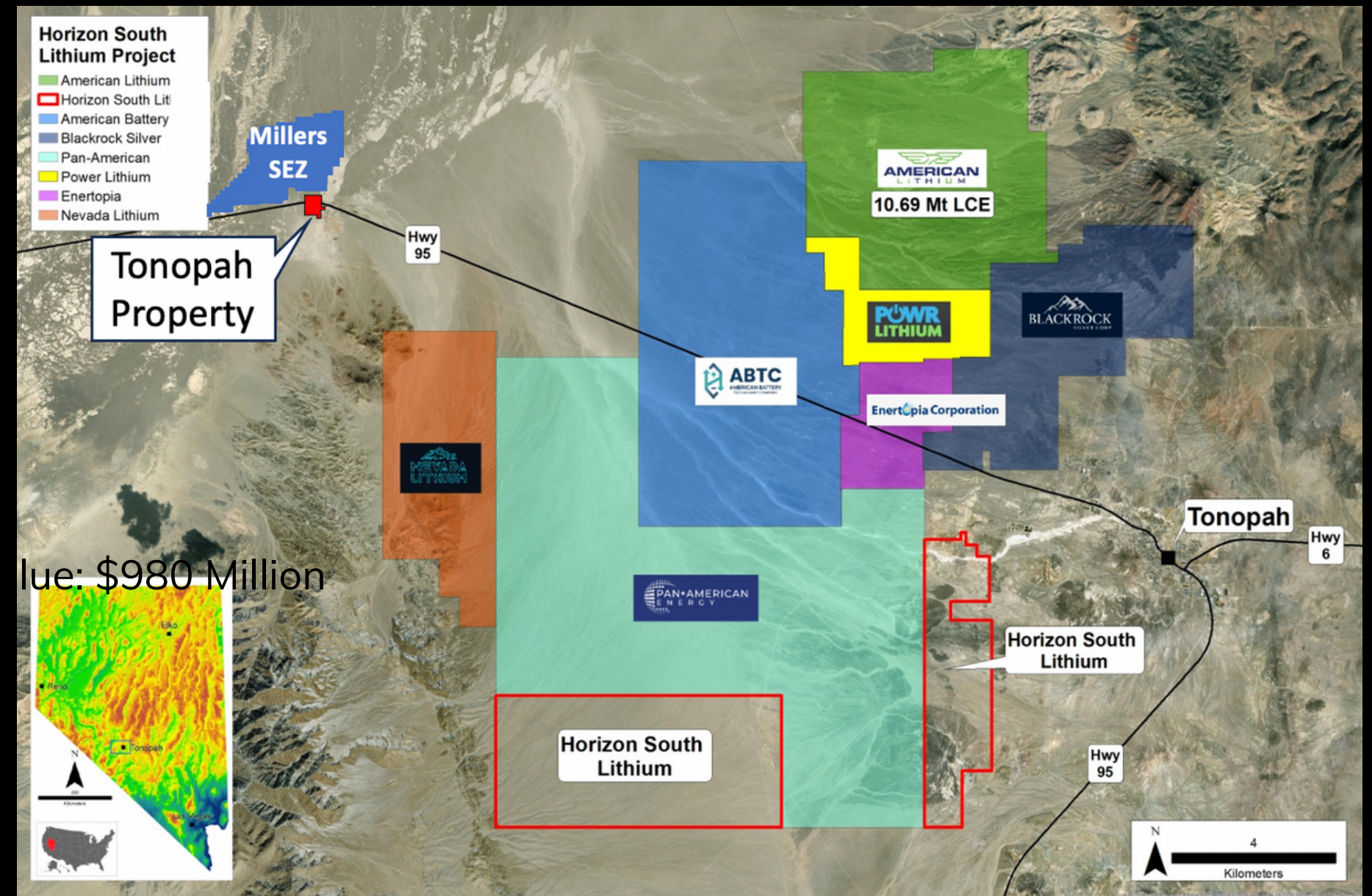
Millers (SEZ) is situated in the expanding Lithium Hub of Nevada. This positions us to become a global frontrunner in offering toll, specialty, and custom milling services for precious and rare earth metals not just for ourselves but for customers within a 50-mile radius, while simultaneously powering our neighbors with renewable energy including but not limited to American Battery Technology Company, Ioneer, and others noted below. This unique position allows us to cater to mining companies and stakeholders, riding the wave of heightened mineral exploration and the rising demand for these metals and alternative energy sources. Expand our platform by acquiring other organizations committed to clean air, water, and land.

## MINERAL WASTE REPROCESSING & ENERGY DISTRIBUTION

Reprocessing mineral waste from both current and previously closed mines and selling the excess energy from processing, is a step that ensures environmental compliance and contributes to the U.S.'s journey towards metal and mineral self-reliance and net zero.

## LEVERAGE ASSETS & ACQUISITIONS

Tapping into existing assets while eyeing future acquisitions. Leveraging businesses, which span the realms of air, water, and land to align our business model both vertically and horizontally.



= Tonopah Property controlled by American Clean Resources Group, Inc.



Market Value:  
\$933 Million



Market Value:  
\$980 Million



Market Cap:  
\$4.38 Billion



Market Value:  
\$207 Million



Market Value:  
\$74 Million



Market Cap:  
\$430 Million



Market Cap:  
\$175 Million



# THE KEY REVENUE DRIVERS



- Custom Processing and Toll Milling - Our Own Tailings
- Third-party, Customer Processing, and Toll Milling
- Renewable Energy Power Sales
- Clean Water Technologies

*We will also leverage Tax Credit Syndication & Federal Grants on a case-by-case basis*



# CORE SERVICES



- Custom Processing and Toll Milling: We will specialize in transforming mined materials into fine particulate forms, enhancing the extraction of valuable minerals like gold, silver, platinum, and other rare earth elements. Every process is tailored to meet the unique demands of each ore type.
- Toll-Processing Capabilities: Beyond milling, our services will extend to chemical distillation, drying, mixing, and more, positioning us as a comprehensive solution for industrial enterprises.
- Third-Party PPAs: We will not just power the future with clean, sustainable practices – we will also revolutionize the way you can benefit from it. Our unique value proposition lies in our unmatched capability to sell excess power from our cutting-edge renewable energy park through Third-Party Power Purchase Agreements (PPAs).
- Tax Credit Syndication - we're looking to pioneer a sustainable future while unlocking lucrative tax benefits for unaffiliated third parties through the construction of our state-of-the-art Renewable Energy Industrial Park thus providing another channel where our partners can thrive financially while contributing to a greener tomorrow.

## **Innovative Responsible Business aligned Services:**

Our Responsible Business strategy champions the milling and processing of legacy mining tailings. This initiative not only transforms typically discarded materials into valuable assets but also aids in rectifying environmental degradation, and establishes a new energy source for partners. Sprawled over 1,183 acres, our Tonopah property stands as a foundational pillar in our quest to dominate the toll, specialty, and custom milling spheres as well as 387 Acre Feet of sought-after annual water rights (about 126 million gallons per year) and a recently drilled well.



# CORE SERVICES CONTINUED



"As a publicly traded company committed to advancing environmental, social, and governance goals, we are proud to introduce a suite of services that will not only cater to the unique needs of industries but also align with responsible and sustainable practices. Our innovative offerings, including Custom Processing and Toll Milling, Toll-Processing Capabilities, Renewable Energy Power Sales through Third-Party Power Purchase Agreements (PPAs), and Tax Credit Syndication, represent a winning strategy for any organization striving to operate more responsibly.

Our services will exemplify how responsible business practices can be integrated into the core operations of any organization. By partnering with us, organizations will achieve financial success while simultaneously championing environmental responsibility, promoting social well-being, and adhering to governance best practices.



# POSITIVE ECONOMIC AND SUPPLY CHAIN ADVANTAGES

- **Reduced Operating Costs:** Utilizing renewable energy for tailings reprocessing can significantly reduce energy costs. Lower operating costs can increase the economic viability of reprocessing projects.
- **Sustainability and Corporate Responsibility:** Employing renewable energy in tailings reprocessing aligns with many sustainability goals and corporate social responsibility initiatives, thereby attracting environmentally conscious investors and customers who prioritize sustainable and ethical investments. Access to capital can be facilitated by demonstrating a commitment to responsible resource management.
- **Resource Recovery:** Reprocessing tailings can recover valuable minerals and metals that were previously discarded as waste. These recovered resources can be sold or used in other manufacturing processes, creating additional revenue streams and reducing the need for new resource extraction, which can be costly and environmentally impactful.
- **Job Creation:** Tailings reprocessing projects, especially when coupled with renewable energy installations, can create jobs in various sectors, including mining, renewable energy development, and engineering. This can provide employment opportunities and stimulate economic growth in the region.







## CONTINUED...

- **Strengthened Supply Chain:** Reducing the need for new mining operations through tailings reprocessing can reduce supply chain vulnerabilities and dependencies. The United States can become less reliant on external sources of raw materials, which can be affected by geopolitical factors or market fluctuations.
- **Local Economic Development:** Reprocessing tailings with renewable energy can promote local economic development, as it often involves the construction and maintenance of renewable energy infrastructure. This includes jobs in engineering and manufacturing, installation, and maintenance. ACRG Is seeking the best locale for its Engineering, Procurement and Construction (EPC) headquarters.
- **Technology Innovation:** Investing in renewable energy for tailings reprocessing will drive innovation in both the mining and renewable energy sectors. New technologies and processes may be developed to make these operations more efficient and environmentally friendly, potentially creating intellectual property and export opportunities.
- **Reduced Environmental Liabilities:** By addressing mine waste pollution through reprocessing and utilizing renewable energy, companies can reduce long-term environmental liabilities and associated costs, such as water treatment and land remediation expenses.
- **Government Incentives:** Governments offer tax incentives and subsidies for renewable energy projects, further improving the economic viability of reprocessing tailings with renewable energy.



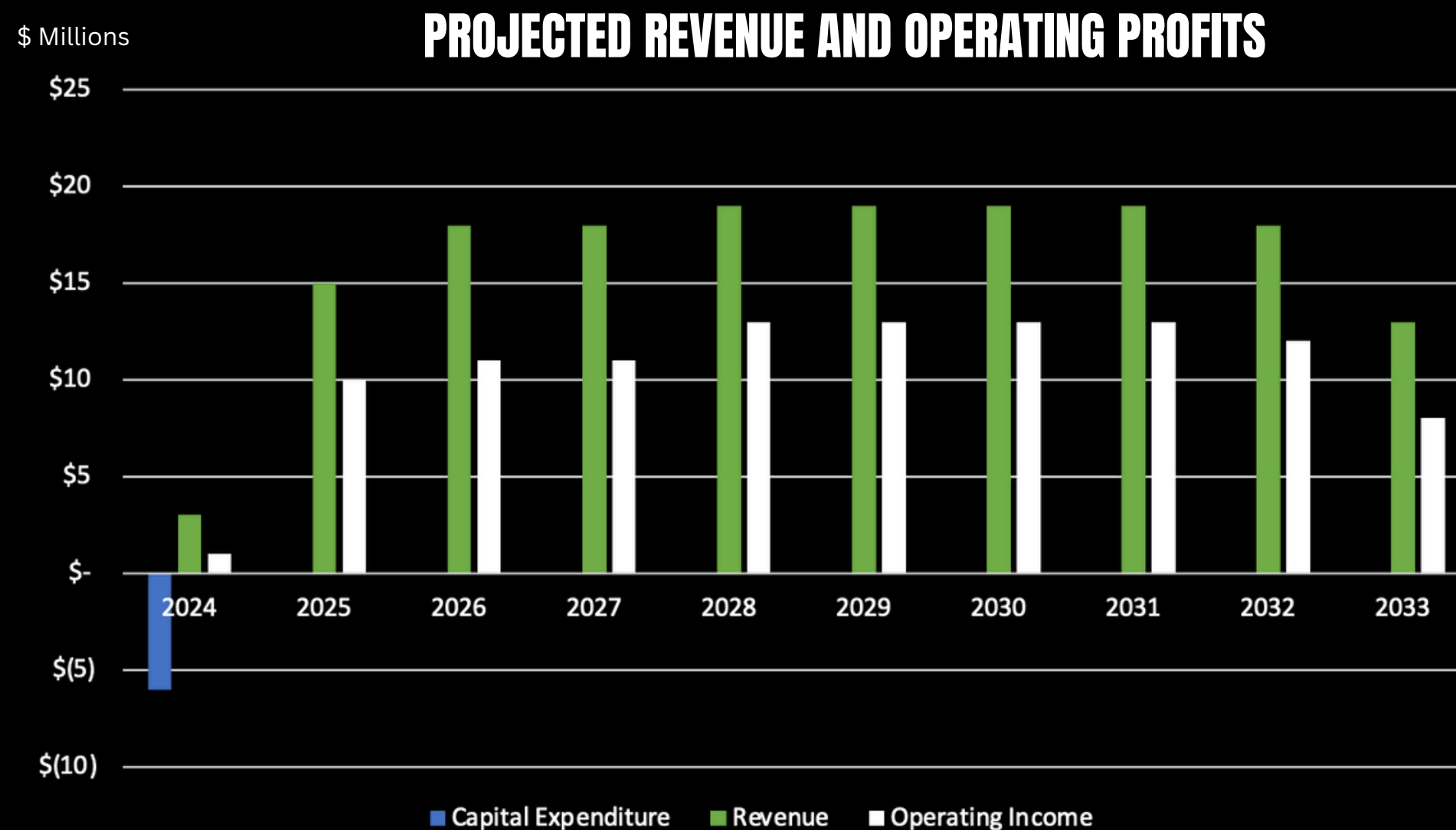


## CONTINUED...

- **Abundant Clean Energy Supply:** Our state-of-the-art renewable energy park generates a surplus of clean, green energy. By partnering with us, you gain access to a consistent and substantial source of renewable power, reducing your reliance on traditional fossil fuels.
- **Sustainability and Environmental Impact:** By choosing our PPA, you actively contribute to a more sustainable future. We prioritize environmental responsibility, and every unit of electricity you purchase from us is a step toward reducing your carbon footprint.
- **Energy Independence:** Secure your energy future with our reliable power supply. Our renewable energy park ensures a consistent and uninterrupted energy flow, reducing the vulnerability of your operations to energy market fluctuations.
- **Tailored Solutions:** We understand that every organization's energy needs are unique. Our PPAs are flexible and customizable to match your specific requirements, ensuring that you get precisely the power you need, when you need it.
- **Regulatory Compliance:** Our operations adhere to all relevant energy regulations and standards, ensuring that you receive power from a trusted and compliant source.
- **Long-term Partnership:** We're not just your energy provider; we're your long-term partner in sustainability. Our commitment to excellence and innovation means you can rely on us for a clean, efficient, and forward-looking energy solution.



# CUSTOM PROCESSING AND TOLL MILLING - OUR OWN TAILINGS



Notes: Figures are in Millions. ACRG's projections exclude potential revenue from third-party tailings processing and future acquisitions. However, they anticipate a 5.5 million-ton increase in reserves by 2025 from nearby third-party tailing reserves within a 50-mile radius, extending the project life. The Millers location's proximity to abandoned mines suggests the possibility of future additional reserves.



**\$42,000,000**



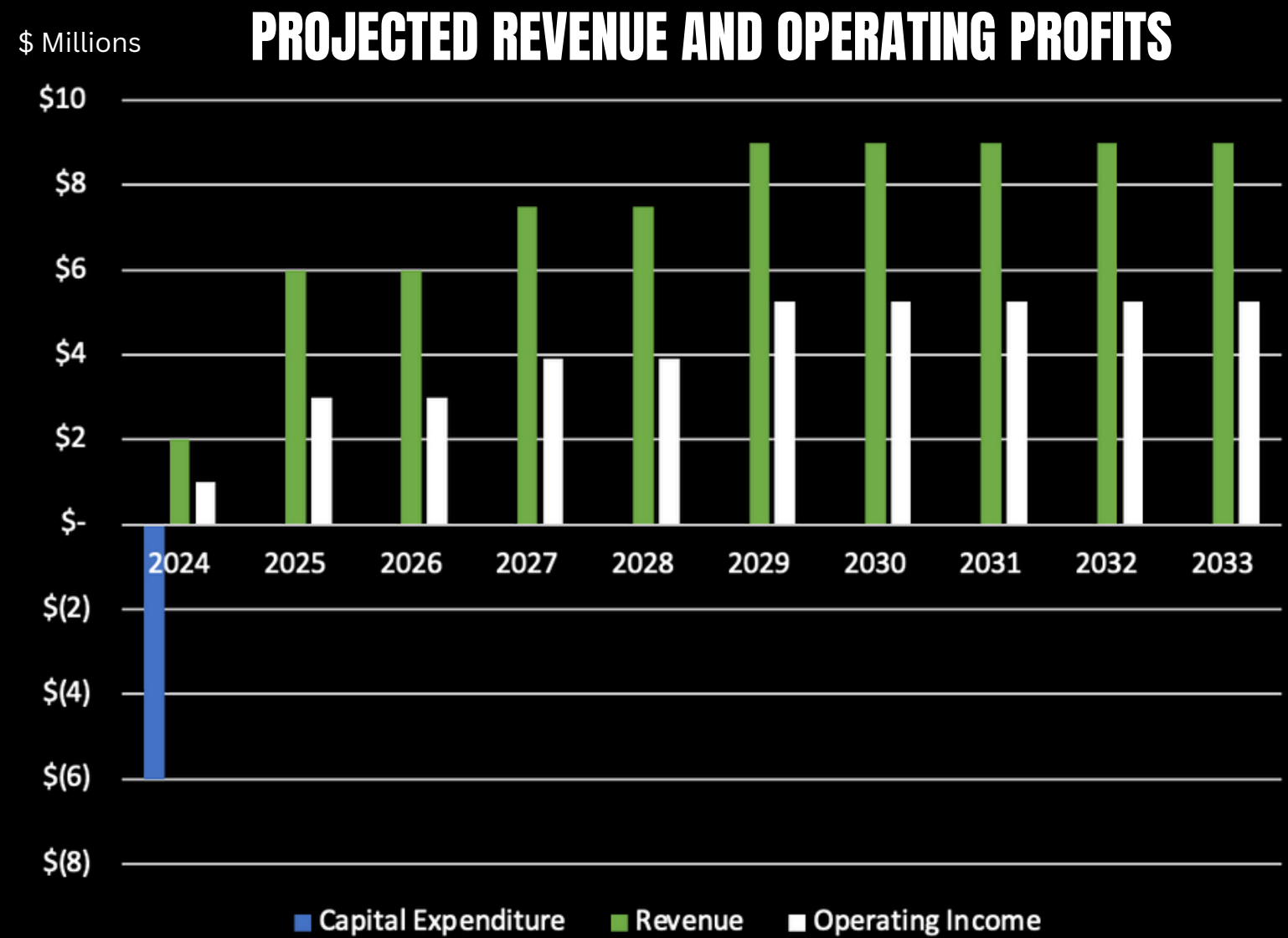
**\$63,000,000**

Total Operating Profit: \$100 - \$110 Million  
 Project Life: 10 Years. Operating profit allocation assumes \$65 million gold and \$95 million silver net metal value

Source: The NV02 Millers Tailings Final Characterization Report prepared by a Qualified Person. January 7th, 2021. All value calculations cited in this report are based on London Metal Exchange spot prices of \$18/oz for silver and \$1500/oz for gold. These prices were established in June 2020. Current spot prices are materially higher than these mid-2020 prices, increasing the CMV of the Millers resource.  
 2 Discrepancies in calculations are the result of rounding in expected value calculations and significant figures shown in tables



# THIRD-PARTY, CUSTOMER PROCESSING, AND TOLL MILLING



Total Operating Profit: \$41 million.  
Total revenues: \$74 million.

500 tons per day toll milling operation. 300 operating days per year.

\$40.00 toll milling fee per ton until 2027, \$50.00 per ton until 2029, \$60.00 per ton thereafter.

Toll milling fee increase due to ACRG's ability to select higher value tailings resulting from increased awareness within a 50-mile radius from current and dormant mining operations plus tailing owners.

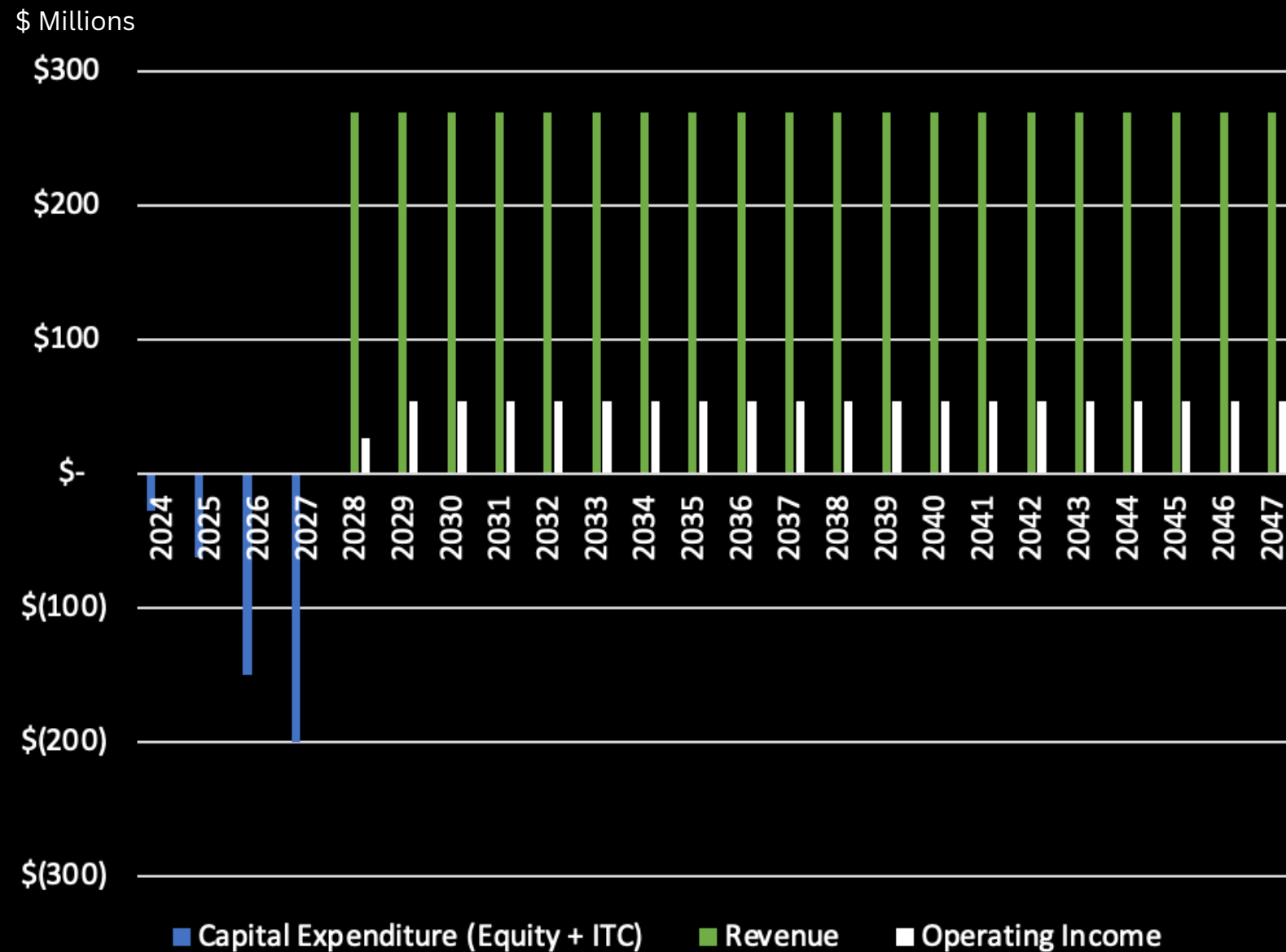
Notes: Values shown are in Millions over a 10-year period. Toll milling margin is expected to increase from 50% in 2025 and 2026, to 56% in 2027 and 58% from 2029 going forward (\$20.00, \$28.00, and \$35.00 per ton respectively).





# RENEWABLE ENERGY POWER SALES (2GW)

## PROJECTED REVENUE AND OPERATING PROFITS



2 GW with \$0.0575 per kWh

Total Operating Profit: \$1.05 Billion.

Total revenues equal \$5.4 Billion over a 20-year PPA contract life.

2 GW solar facility constructed on Millers Solar Energy Zone (SEZ).

\$0.0575 per kWh PPA with 20-year term.

\$2.2 billion project value with 20% equity investment (including 30% ITC)

Source: Bureau of Land Management – Solar Energy Permitting and Program Resources, Department of Energy and Industry data.

Notes: Values shown are in Millions over a 20-year period. Operating capacity of 2 GW at peak with 6.4 peak hours per day. 11,110 acres used out of a total 13,430 acres suitable for solar farm operations. Peak capacity of 0.18 MW per acre. \$1.1 million capital expenditure per MW capacity. Assumes no terminal value after the 20-year PPA Term. Capital expenditure represents investment and ITC credit contribution and excludes project debt of \$1,760 million.

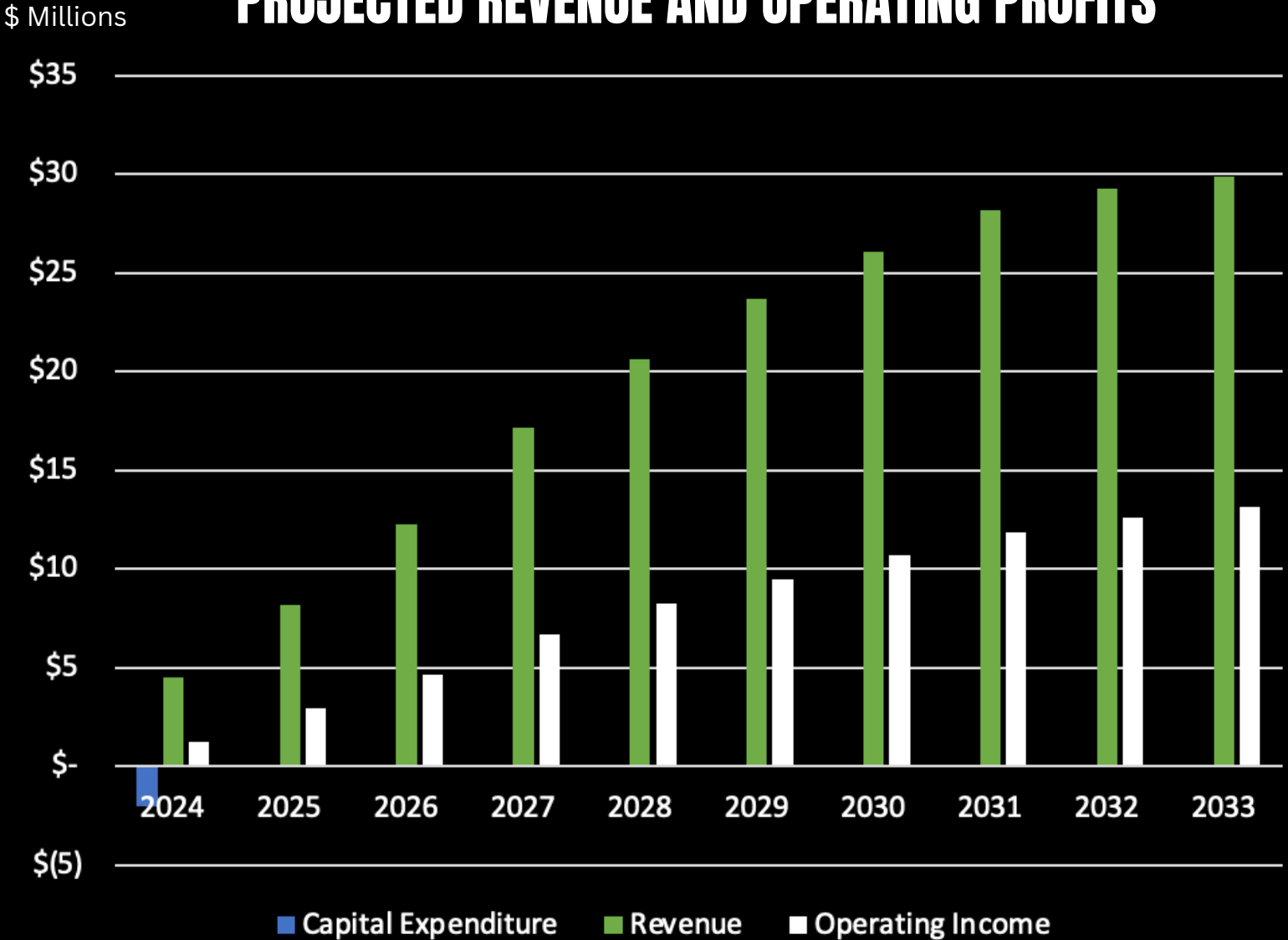
The total max capacity based on current technology and acres available is 2.4 GW.



# CLEAN WATER TECHNOLOGY - \*SWIS



## PROJECTED REVENUE AND OPERATING PROFITS



Total Operating Profit: \$82 Million.

Total revenues equal \$200 million with a total of 8 million units sold.

Units sold represent new installation units as well as replacement and lost units, resulting in an installed base of 5 million units by 2034 (>4% of US households). Industrial and other commercial applications are not included.

Source: SWIS management, supplier and industry data, and USAFacts.org.

Notes: Values shown are in Millions over a 10-year period. Financial projections outline the first 10 years of SWIS operations. Projections assume increasing operating income margin from 35% to 45% as SWIS database management services increase from 15% of the revenue mix to 30% of the revenue mix

\*SWIS - Storm Water Intelligence System



# GET CONNECTED WITH US



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THE FUTURE - ILLUSTRATIVE

