

Day	Time	Topic	Lead Speaker/Moderator	Speaker 1	Speaker 2	Speaker 3	Abstract							
Day 1	7:00 - 8:00	Set Up and Arrival / Final Meeting Preparations/Staff												
Day 1	8:00 - 8:30	Doors Open + LinkedIn Tonic + Prichy Puer Coffee - Delivered 7:30am	Rod Routh (Silicon Park)											
Day 1	8:30 - 8:45	Welcome Announcement												
Day 1	10:05 - 10:15	Keynote: Monetizing the Megawatt	Robert Warren (Silicon Park)				The pursuit of monetizing the megawatt has matured from isolated experiments into a broad-based industry-wide trend. This panel will discuss the evolution of the megawatt as a heating system, and grid-scale facilities, demonstrating mastery of combustion and energy storage. The panel will also highlight the role of the electric utility in the monetization of artificial intelligence, HPC workloads, and innovative generation sources signs an agreement with the Tennessee Valley Authority (TVA) to demonstrate the use of AI to help new power producers can collectively advance methods for capturing value from their assets.							
Day 1	10:15 - 10:45	New SMR and Nuclear Turn Atoms to Algorithms	Stephen Stover (TNGCC)	Dan Pratt (TVA)			We explore an emerging synergy between nuclear power, especially in next modular reactors (SMRs), and artificial intelligence (AI). The panel will discuss how to build and deploy new nuclear and SMR projects, co-located lithium mines and data centers to support AI research and development. We will also discuss how to use AI to predictively manage waste products and reduce costs associated with decommissioning aging tanks. New SMRs might one day enable decommissioned complex hubs, and what that means for the future of the industry. The panel will also discuss how the Tennessee Electric Cooperative Association (SVC) Justin Massie and National Grid's Michael D'Amato are working together to develop a framework for AI to support the achievement of America's nuclear innovation. Drawing on experiences in high level international forums, the panel will also discuss the role of AI in advancing nuclear innovation, and how the industry can benefit from AI to support the development of new energy densities, including thorium technology, nuclear waste burning and AI-for-C.							
Day 1	10:45 - 11:15	Bridging Policy, Academia, and Industry: Accelerating Nuclear Energy Innovation	Justin Massie (Tennessee Electric Cooperative Association)	Hank Hanchman (National President of American Nuclear Society)										
Day 1	11:10 - 11:45	How Do Open Source Innovations Change Mining?	Samuel000 (SSG Foundation)	Britt Rowan (Upstream Data)	Dylan Seltz (Energy)	Gas Barrels (Tennbar)	Panel Drawing from experiences in mining design, automation software, energy storage, and energy efficiency, the panel will discuss how open source innovations are possible, collaborative technologies are opening entry barriers, breaking down silos, and how the industry can benefit from open source innovations in mining, including in waste markets. Learn how grassroots innovation may impacts the entire energy chain.							
Bringing P	11:45 - 1:00	LUNCH	Silence @ Marcus											
	1:00 - 1:15	All-of-the-Above® for American Energy	Rod Routh (Silicon Park)	Senator Marsha Blackburn (US Senate)			Senator Marsha Blackburn explores how deregulation in federal policy can unleash the potential of all energy sources. She discusses the importance of the energy transition from her advocacy for an "all-of-the-above" strategy, she discusses long-standing energy issues, and the challenges of transitioning away from fossil fuels. She also discusses how energy and technological advancements in nuclear and renewables support 21st Century leadership in energy production. The panel will also discuss how to support energy infrastructure, create jobs, and bolster grid resilience in Tennessee and beyond.							
Day 1	1:25 - 1:45	User-Centred Design: Hard Lessons in Building Hardware	Robert Warren (Silicon Park)	Thomas Tempski (Silico)										
Day 1	1:50 - 2:15	Does All Lead Matter? Where Scale Meets Impact	Nina Moren (Simply Silicon)	Erik Herremans (Gridwise)	Steve Bartholomew (Upstream Data)	Tessa Kujala (Sunrun)	Panel Drawing from experience in solar, wind, and battery storage, the panel will discuss how different scales of demand can collectively shape our energy and environmental future.							
Day 1	2:25 - 3:00	The Future of Managed Lead	Robert Warren (Silicon Park)	Nina Anir (LUC)	Joe Dillon (Aelon Energy)	Javier Hermosa (Silico)	The emerging intersection of AI computing, biology, and energy production presents opportunities for the future of energy. The panel will discuss how AI can be used to manage energy systems more efficiently, and how it can be used to predict and mitigate energy crises. The panel will also discuss how AI can be used to enhance energy storage and management, and how it can be used to improve energy efficiency and reduce energy waste.							
Day 1	3:00 - 3:25	The Financialization of Energy Assets	Cain Harper (Stockpile Media)	Dan Lawrence (OBB)	Rory Murray (ClearSpark)		As silicon mining and large scale miners, cost and generation evolve from mere commodity to financial instruments, the panel will discuss how these changes affect the market and capital in mining. They'll discuss how miners hedge revenue volatility, how miners are using AI to predict price movements, and how miners are using AI to manage risk in the market. Expect to learn insights into liquidity, and the path toward financial stability.							
Day 1	3:25 - 4:00	The State of Large Scale Miners	Mike Coyne (Foundry)	Douglas Ziegler (Silico)			A panel discussion on the state of large scale miners. The panel will discuss the challenges and opportunities facing these companies, and how they are adapting to the changing energy landscape. The panel will also discuss how the market is responding to the challenges and opportunities facing these companies.							
Day 1	4:00 - 5:30pm	Networking and Cocktail Reception	Dinner	Day 1 - 4:00 - 5:30pm										
Day 1	5:30 - 7:30pm	Wine & Beer Tasting												
Day 1	7:30 - 8:00pm	Hotel Bar After Party												
Day 2	8:00 - 8:30	Doors Open / Breakfast	Rod Routh (Silicon Park)											
Day 2	8:30 - 8:45	Welcome Back + Announcements	Rod Routh (Silicon Park)											
Day 2	10:00 - 10:15	Where Regulatory Advocacy Meets Energy Optimization	Zack Cohen (SFI)	Michael Sulman (White Oak Strategies)	Will Paul (Stuck)	Nina Herremans (Silico)	The panel brings together perspectives on utility regulation and statewide energy practices. We will dive into best practices in navigating the regulatory landscape, and how to effectively advocate for energy optimization. The panel will also discuss how to navigate the political spectrum to promote industry interests.							
Day 2	10:35 - 11:10	Free to Mine, Here and Abroad	Harry Sutcliffe (ClearSpark)	Philip Walton (Gridwise)	Natasha Paule (OCean)		Fossil U.S. continues to emerge markets, access to energy and regulatory challenges. The panel will discuss how energy access and energy security are becoming increasingly important, especially in developing countries from Latin America and the Middle East to Africa and Asia. We will consider various capital requirements, including the cost of energy infrastructure, and how to ensure that energy infrastructure is sustainable and efficient.							
Day 2	11:10 - 11:45	What [Technical] Problems are Left to Solve?	Tyler Stevens (Energ)	Michael Schmidt (SSG Foundation)	Econoscholar (SSG Foundation)	Ryan Kueter (Magma Firmware)	Panel Drawing from experience in energy storage, the panel will discuss how to solve technical problems in energy storage, including grid integration, cost reduction, and reliability. This panel covers themes of optimization, grid integration, cost, power, and reliability. The panel will also discuss how to solve technical problems in energy storage, including grid integration, cost reduction, and reliability.							
Day 2	11:45 - 12:30	Annual Closing Panel: What Comes Next in 2024	Mary Ann (FTC)	Tara Mason (California Edison)	Rory Murray (ClearSpark)	Jay DeLoach (Foundry)	Join us for the most recent round of the NGSC annual closing panel where we will discuss the latest trends in energy storage, grid integration, and the future of the industry. The panel will also discuss the latest news and developments in the industry, and the exciting new vision for 2024.							
Day 2	12:30 - 1:00	LUNCH												

Indicates listed through tyke elements