



ENERGY SYMPOSIUM 2024 | AUGUST 13-14

Empowering the Future of Energy



Presented by AWS Women Reinventing Energy

George R. Brown Convention Center | Houston, TX

AUGUST 13

GEORGE BUSH BALLROOM, THIRD FLOOR

11:00 – 11:30 AM	Registration & Networking
11:30 AM – 12:45 PM	Welcome Luncheon
12:45 – 12:50 PM	Opening remarks Emceed by Caroline Dettman CMO, The Female Quotient Howard Gefen, General Manager, Energy& Utilities, AWS
12:50 – 1:00 PM	Empowering all voices The journey of AWS Women Reinventing Energy Samhita Shah, Global Head of Industry Marketing, E&U, AWS
1:00 – 1:30 PM	Keynote Are you AWARE—Embracing your power in tech Aisha Bowe, CEO, STEMBoard and Lingo
1:30 – 2:15 PM	Panel Conscious leadership Niloufar Molavi, Global Oil & Gas Leader, US ESG Tax Leader, PwC Silvestre Rincon, Project Portfolio Advisor & PRIDE Global Cultural Awareness Officer, Chevron Jason Schulweis, Chief Commercial Officer, The Female Quotient Katie Mehnert, Founder & CEO, ALLY Energy Moderated by Jay Shah, Head of Product Marketing for E&U, AWS
2:15 – 3:00 PM	Think you know when and how to say “NO?” Purva Upasak, Principal CSM, AWS Ida Machuca, Transformation Success Lead, AWS
3:00 – 3:30 PM	Responsible AI Amruta Karnik, Sr. Solution Architect, AWS
3:30 – 3:45 PM	Closing remarks by The Female Quotient
3:45 – 5:00 PM	Complimentary headshots 3rd Floor Atrium
4:30 – 6:00 PM	Executive reception



Thank you to our platinum sponsor



AUGUST 14, 2024

General Sessions

GEORGE BUSH BALLROOM, THIRD FLOOR | GEORGE R. BROWN CONVENTION CENTER

7:00 – 8:00 AM	Registration and Breakfast
	Opening Remarks Reinventing energy, together. Howard Gefen, General Manager, Energy & Utilities, AWS
8:00 – 9:30 AM	Customer keynotes Manuj Nikhanj, CEO, Enverus Pablo Koziner, Chief Commercial Officer, GE Vernova Keisha Garcia, VP Digital Foundations, Technical Programme Management & Head of Discipline, bp
9:30 – 10:00 AM	Fireside Chat Modernizing energy operations and advancing decarbonization with technology Moderator: Scott Sanderson, Global Business Development, E&U, AWS Panelists: Yanni Charalambous, CIO, Oxy Mike Avery, President, 1PointFive
10:00 – 10:30 AM	Generative AI Scott Rosecrans, VP of Generative AI Pursuits, AWS
10:30 – 11:00 AM	Panel Advancing sustainable and profitable growth in the energy transition, presented by AWS Women Reinventing Energy Moderator: Alaina Bookstein, Global Head of Strategic Partnerships for Energy, AWS Panelists: Jenny Koehler, US COO, PwC's Advisory Business Jennifer Stafford, SVP Customer Success, SAP NS2 Grace Kurian, Vice President, Technology Solutions & Operations, NextEra Energy
11:00 – 11:30 AM	Clean Energy Accelerator Pathways for powering rapid piloting of emerging technologies Hassane Elias Kassouf, Head WW Innovation Programs, E&U, AWS Shaima Sharif, Global Innovation Programs Lead, E&U, AWS
11:30 AM – 12:00 PM	Innovations in Energy Joseph Santamaria, Director Solution Architecture and Customer Success, E&U, AWS Ben Wilson, Director Product & Solutions, E&U, AWS
12:00 – 2:15 PM	Lunch and Spotlight Sessions
12:40 – 1:00 PM	Spotlight: Rapid Modernization of Energy Systems for Resilience and Security Richard Charlesworth, Senior Director, Slalom Tracy Derr, Managing Director, Slalom Jeff Miers, Director, Energy Partners, AWS Featuring: Slalom
1:05 – 1:25 PM	Spotlight: How Proprietary Data Collaboration is Accelerating Oil & Gas Emissions Reductions Raoul Leblanc, VP, Research and Analysis, S&P Global Ben Wilson, Director, Product & Solutions, E&U, AWS Featuring: S&P Global Commodity Insights
1:30 – 1:50 PM	Spotlight: Navigating the AI Evolution using Seeq Advanced Analytics on AWS Mark Pietryka, Senior Analytics Engineer, Seeq Featuring: Seeq
1:55 – 2:15 PM	Spotlight: Energizing AI: Power of Databricks & AWS at NOV Ali Marzban, Director of Data Science and Analytics, NOV Shiv Trisal, Global Manufacturing, Transportation, and Energy Industry GTM leader, Databricks Featuring: Databricks and NOV

Workshops | 2:00 PM to 4:30 PM

MUST PRE-REGISTER

2:00 – 3:00 PM	Harness generative AI for Oil & Gas Laptop required	Room 320 A/B
3:30 – 4:30 PM	Harness generative AI for Power & Utilities Laptop required	Room 320 A/B
2:30 – 4:30 PM	AWS Security Jam for the Energy Sector Laptop required	George Bush Ballroom

Breakout Sessions | 2:15 PM to 4:40 PM

TRACK 1				
Powering a modern electric grid				
ROOM NAME: 310C				
2:15 – 2:45 PM	2:50 to 3:20 PM	3:20 to 3:35 PM	3:35 to 4:05 PM	4:10 to 4:40PM
Unlocking the power of grid resilience and customer connections Andrew Quick, Chief AI Officer, Entergy	Scalable SCADA for Power & Utility customers in the AWS Cloud Matthew Herpich, Managing Director, Conduit Power Oscar Tilburg, Director, Hitachi Energy	Break	Enabling operational excellence at Salt River Project David Dunton, Manager of Application Development, Salt River Project	Fireside Chat Scaling DER flexibility across the grid Venkata Tirupati, VP Grid Transformation, ERCOT John Padalino, General Counsel & Chief Administrative Officer, Bandera Electric Cooperative Xing Wang, Head WW Business Development for Grid Modernization, AWS
Entergy	Conduit Power Hitachi		Salt River Project	Bandera Electric ERCOT

TRACK 2				
Accelerating the energy transition				
ROOM NAME: 320C				
2:15 – 2:45 PM	2:50 to 3:20 PM	3:20 to 3:35 PM	3:35 to 4:05 PM	4:10 to 4:40PM
'RECO' — A world-first in purchasing in renewable energy at scale for the B2B sector Shannon Henwood, Chief Innovation Officer, Shell	Geo-data for cost-competitive offshore wind energy Deanne Hargrave, Geoscience Manager, Atlantic Shores Pawel Michalak, Global Innovation Director, Fugro	Break	Kinergy — How Origin Energy built a new Energy ISV from their VPP success Brendan Manzie, General Manger, Kinergy	Decarbonization on AWS Stan McHann, CTO Sparkmeter Hugh Scott, CEO, FlexGen Mark Smith, President, Cleanconnect.ai Chris Gabriel, Principal Solutions Architect, Energy & Sustainability, AWS
Shell Energy Australia	Atlantic Shores Fugro		Origin Kinergy	Cleanconnect.ai FlexGen Sparkmeter

TRACK 3				
Transforming energy with generative AI				
ROOM NAME: 330A/B				
2:15 – 2:45 PM	2:50 to 3:20 PM	3:20 to 3:35 PM	3:35 to 4:05 PM	4:10 to 4:40PM
Elevating safety and efficiency with Continental's Generative AI solutions Mike Yarbrough, Sr. Manager, Data & Content Solutions, Continental Resources Brian Morris, Principal Architect, Continental Resources Kumar Satyam, Partner, Data, Analytics, and AI, PwC	Accelerating operational excellence using Generative AI: a TC Energy Story Jason Sidhu, Director Business Research and Development, TC Energy Alina Kalinina, Operational Excellence Specialist, TC Energy Irina Anderson, GenAI Strategy and Delivery Lead, TC Energy	Break	Gen AI Strategy at NextEra: Data & Innovation Gitika Walter, Director HR IT, NextEra Josh Gary, IT Director, Enterprise Data Program, NextEra	Panel Session Generative AI & Energy — a new era of possibilities Moderator: Joseph Santamaria, Director Solution Architecture and Customer Success, E&U, AWS Xiaojun Huang, Modeling, Optimization and Data Science Chief, ExxonMobil Julianna Toms, Director of Computational Sciences and Engineering for Energy at Halliburton Scott Rosecrans, VP of Generative AI Pursuits, AWS
Continental Resources PwC	TC Energy		NextEra Energy	Halliburton ExxonMobil AWS

TRACK 4				
Modernizing enterprise systems				
ROOM NAME: 340A/B				
2:15 – 2:45 PM	2:50 to 3:20 PM	3:20 to 3:35 PM	3:35 to 4:05 PM	4:10 to 4:40PM
Accelerating velocity and improving security with AWS Bryan Pate, Hosting and Platforms Manager, ExxonMobil	Fueling Phillips 66 journey to enhanced data security and cyber resiliency Mitchell Pitts, Sr. Account Executive, Cohesity Terry Potts, Sr. Leader, Storage & IV, Phillips 66	Break	Modernizing energy trading on AWS Sarita Das, Principal Architect, bp Gas and Power Trading International	Building an Energy Data Mesh at Enterprise Scale using Native AWS Services
ExxonMobil	Cohesity Phillips66		bp	OXY Pariveda

TRACK 5				
Unlocking subsurface potential				
ROOM NAME: 310A				
2:15 – 2:45 PM	2:50 to 3:20 PM	3:20 to 3:35 PM	3:35 to 4:05 PM	4:10 to 4:40PM
An Open Collaboration for HPC Acceleration Moderator: Ben Wilson, Director, Products & Solutions, AWS Klass Koster, VP Subsurface Innovation, OXY Francesco Menapace, GM Technology Innovation, Shell Mikhail Gurevich, CTO, Energy, EPAM Kent Stevens, Digital Program Manager, Shearwater Geoservices	Enhancing Reservoir Simulation Workflows Karthik Mukundakrishnan, Director of Research and Development, Stone Ridge Marc Spieler, Sr., Managing Director Energy, NVIDIA Dan Kahn Sr. Technical Program Manager, AWS	Break	From mapping the subsurface to mapping the future with data and AI Patricia Manceron, Global Artificial Intelligence and INNOVATION FACTORI Manager at SLB Ben Wilson, Director Product & Solutions, E&U, AWS	Generative AI supercharged with Energy Data Insights for the OSDU Data Platform Mik Isernia, Head of Strategic Partnership, Onward Anna Dubovik, Head of Subsurface, wAlw
OXY Shell EPAM Shearwater	NVIDIA Stone Ridge Technology		SLB AWS	ThinkOnward (a Shell Company) wAlw

TRACK 6				
Optimizing energy operations with cloud				
ROOM NAME: 310B				
2:15 – 2:45 PM	2:50 to 3:20 PM	3:20 to 3:35 PM	3:35 to 4:05 PM	4:10 to 4:40PM
Visualizing a new way of working with Digital Reality Ecosystem Michael Hotaling, Global Operations Excellence Digital Manager, ExxonMobil	Optimizing drilling and completions on AWS Juan Sierra, D&C Performance Manager, Oxy David Johnson, Team Lead: D&C Digital Transformation, Oxy	Break	Revolutionizing autonomous inspections with robots Dr. Robert MacKenzie, CTO Solutions, ANYbotics Gilbert Chahine, Worldwide Business Development, AWS	Unleashing generative AI in the oilfield: Real-world lessons learned from upstream deployment Moderator: Robert Campbell, Worldwide Partner Development Manager, AWS Sebastiano Barbarino, Managing Director Digital production, Baker Hughes Fabio Mazzocchetti, CTO, Energy, EPAM
ExxonMobil	OXY		ANYbotics SLB	Baker Hughes EPAM