

# AGENDA: UrjaVarta2024

**Date:** 11<sup>th</sup> July 2024, Thursday | **Venue:** Bharat Mandapam, New Delhi

Inaugural Session	
08:30 – 09:30 AM	<b>Registration and Networking</b>
09:30 – 09:40 AM	<b>Welcome Address by the DG, DGH</b>
09:40 – 09:45 AM	<b>Short Documentary on Indian Energy Sector</b>
09:45 – 09:55 AM	<b>Opening Remarks by Secretary, MoPNG</b>
09:55 – 10:05 AM	<b>Launch by Hon'ble Minister, PNG</b> <ul style="list-style-type: none"> <li>• Centre for Hydrocarbon Efficiency and NewEnergy</li> <li>• Hydrocarbon Outlook 2023-24</li> <li>• Handbook for Environmental Guidelines for Upstream</li> </ul>
10:05 - 10:20 AM	<b>Keynote Address by Hon'ble Minister, PNG</b>
10:20 - 10:30 AM	<b>Closing Remarks by Additional Secretary, MoPNG</b>
10:30 - 10:45 AM	<b>Inauguration of Exhibition by Hon'ble Minister, PNG</b>
10:30 - 11:30 AM	<b>Networking Tea</b>
10:45 - 11:30 AM	<b>CXO Roundtable on "Emerging Energy Scenario in India"</b>
Strategic Summit	
<b>Panel I</b> 11:30 – 12:15PM	<b>Navigating New Frontiers: Unveiling India's Exploration Potential</b> In a rapidly evolving global landscape, where innovation and exploration pave the way for progress, India stands at the threshold of new possibilities. This panel seeks to delve into the theme of "Navigating New Frontiers," focusing specifically on unveiling India's exploration potential across various domains. From technological advancements to scientific endeavors, economic opportunities, and beyond, the panel aims to explore how India can harness its untapped potential to pioneer new frontiers and emerge as a global leader in exploration.
<b>Panel II</b> 12:15 – 01:00PM	<b>Policy Perspective: Navigating Energy Trilemma</b> In today's complex energy landscape, policymakers face the challenge of balancing three critical objectives: energy security, affordability, and environmental sustainability - known as the energy trilemma. This session aims to explore the policy perspective on navigating this trilemma, ensuring a sustainable and resilient energy future.

<b>01:00 - 02:00 PM</b>	<b>Networking Lunch</b>
<b>Panel III</b> 02:00 – 02:45 PM	<b>Fueling the Future: Strategic Financing in the Energy Sector</b> As the energy sector undergoes rapid transformation driven by technological innovation, climate imperatives, and evolving consumer preferences, strategic financing plays a pivotal role in shaping its trajectory. This session aims to explore the dynamics of strategic financing in the energy sector, focusing on emerging trends, innovative financing models, and the role of financial institutions in driving energy availability and affordability.
<b>Panel IV</b> 02:45 – 03:30 PM	<b>Production Enhancement: Challenges and Opportunities</b> In an era marked by increasing demand for energy and evolving market dynamics, the imperative to enhance production efficiency and capacity has become paramount across various industries. This session aims to delve into the challenges and opportunities associated with production enhancement, exploring innovative strategies, technologies, and best practices to optimize productivity while navigating complex operational landscapes.
<b>Panel V</b> 03:30 – 04:15 PM	<b>Developing Gas Markets and Connectivity with Consumers</b> This panel aims to explore the changing dynamics of gas markets, focusing on infrastructure development, market integration, policy frameworks, and consumer engagement. The session will discuss the challenges and opportunities in enhancing gas market connectivity and ensuring a reliable and efficient gas supply to end consumers.
<b>Panel VI</b> 04:15 – 05:00 PM	<b>Health, Safety and Environment (HSE) in Upstream</b> This session aims to delve into the critical intersection of health, safety, and prosperity within the realm of exploration and production operations. As the energy industry continues to evolve, ensuring the well-being of workers while maximizing operational efficiency and prosperity is of utmost importance. Through insightful presentations, case studies, and expert insights, this session will explore innovative strategies and best practices to foster a culture of safety, enhance occupational health standards, and drive sustainable growth in exploration and production endeavors.
<b>6:30 – 8:00 PM</b>	<b>Cultural Programme</b>
<b>8:00 PM Onwards</b>	<b>Networking Dinner</b>

Technical Conference	
<b>Session I</b> 11:30 – 12:15PM	<b>Production Optimization and Enhancement Technologies</b> In the ever-evolving landscape of the oil and gas industry, the adoption of emerging technologies is crucial for maximizing production efficiency, reducing costs, and optimizing asset performance. This session will feature a series of technical presentations by industry experts on cutting-edge technologies specifically tailored for enhancing production of hydrocarbon.
<b>Session II</b> 12:15 – 01:00PM	<b>Advancement in Drilling Technologies</b> Drilling technology plays a pivotal role in the exploration and extraction of hydrocarbon resources, driving efficiency, safety, and cost-effectiveness in the oil and gas industry. This session will feature presentations by industry experts on recent technical advancements in drilling, covering innovative tools, techniques, and methodologies aimed at optimizing drilling operations.
<b>01:00 - 02:00 PM</b>	<b>Networking Lunch</b>
<b>Session III</b> 02:00 – 02:45PM	<b>Decommissioning Best Practices</b> As oil and gas fields reach the end of their productive lives, decommissioning becomes a critical aspect of sustainable resource management and environmental stewardship. This session will feature presentations by industry experts on the future of decommissioning oil and gas wells, focusing on strategies, technologies, and regulatory considerations for safe and cost-effective decommissioning operations.
<b>Session IV</b> 02:45 – 03:30PM	<b>Unconventional Energy Sources – Potential and Challenges</b> Unconventional energy sources, such as Tight oil and gas, CBM, Shale Oil and Gas, Gas Hydrates etc. are gaining traction as optional resources to traditional fossil fuels. This panel will explore the potential and challenges associated with these energy sources.
<b>Session V</b> 03:30 – 04:15PM	<b>Energizing Role of Artificial Intelligence (AI) and Machine Learning (ML) in E&amp;P</b> Artificial Intelligence (AI) and Machine Learning (ML) are transforming the oil industry, optimizing processes, reducing costs, and enhancing decision-making. This panel will explore how these technologies are reshaping oil production.

**Technical Conference****Session VI**

04:15 – 05:00PM

**Opportunities and Challenges in Emerging Indian Offshore Basins**

India offshore basins offers significant opportunities due to their untapped hydrocarbon reserves and advancement in exploration technologies while this sector faces numerous challenges which underscores the need for a balanced approach to maximize the potential. This session will delve into how these opportunities can be harnessed while addressing the inherent challenges, paving the way for resilient and thriving offshore energy sector in India

6:30 – 8:00 PM

**Cultural Programme**

8:00 PM Onwards

**Networking Dinner**

**Date:** 12<sup>th</sup> July 2024, Friday | **Venue:** Bharat Mandapam, New Delhi

Strategic Summit	
<b>Spotlight Session by DGH</b> 10:00 – 10:45AM	<b>Emerging Opportunities for Investments in E&amp;P Sector</b> The exploration and production (E&P) sector remains pivotal in meeting global energy demands, and with evolving market dynamics and policy reforms, new opportunities for investment continue to emerge. This session will delve into the promising prospects for investment in the E&P sector, focusing on new blocks on offer and policy reforms that enhance ease of doing business.
<b>Panel VII</b> 10:45 – 11:30AM	<b>Decarbonizing E&amp;P: Challenges and Charting the Path Forward</b> As the world transitions towards a low-carbon future, decarbonizing the exploration and production (E&P) sector is imperative to mitigate climate change impacts. This session will focus on the challenges associated with decarbonizing E&P operations, with a particular emphasis on flare reduction and Carbon Capture and Storage (CCS) technologies, while charting the path forward towards sustainable energy practices.
<b>Panel VIII</b> 11:30 – 12:15PM	<b>Empowering Industry Landscape: Collaborative Resource Sharing</b> Collaborative resource sharing between large and small oil and gas producers presents a unique opportunity to optimize resource utilization, enhance operational efficiency, and foster industry collaboration. This session will explore the potential benefits, challenges, and best practices associated with collaborative resource sharing initiatives in the oil and gas industry.
<b>Panel IX</b> 12:15 – 1:00 PM	<b>Women in Oil and Gas sector</b> The session aims to bring spotlight to the critical role of women in the oil and gas industry, with a focus on exploration and production (E&P). This panel will explore the challenges, successes, and future opportunities for women in oil and gas sector.
<b>01:00 - 02:00PM</b>	<b>Networking Lunch</b>

<p><b>Panel X</b> 02:15 – 03:00PM</p>	<p><b>Digital Transformation in Upstream Operations</b></p> <p>The upstream sector of the oil and gas industry is undergoing a profound transformation driven by digital technologies, paving the way for enhanced efficiency, productivity, and decision-making capabilities. This session will delve into the various aspects of digital transformation in upstream operations, exploring the latest trends, challenges, and opportunities in leveraging digital technologies to optimize exploration, production, and reservoir management activities such as IoT-enabled smart sensors for equipment monitoring, AI-powered predictive maintenance systems, blockchain for transparent supply chain management, and cloud computing for data storage and analysis.</p>
<p><b>Valedictory</b></p>	
<p><b>Awards Session</b> 03:00 – 04:00PM</p>	<p><b>This session is to recognize best put efforts and award the following categories.</b></p> <ol style="list-style-type: none"> <li>1. Best Managed Asset/Block</li> <li>2. Outstanding Contribution to Health, Safety and Environment</li> <li>3. Energy Efficiency Innovation Award</li> <li>4. Best Managed Small Field</li> <li>5. Best Paper</li> </ol>
<p><b>Closing Ceremony</b> 04:00 – 05:00PM</p>	<p>Here we end the event with a closing ceremony highlighting the review of day one and day two with a final thank you and farewell message, encouraging attendees to stay connected and engaged until the next gathering.</p>

<b>Technical Conference</b>	
<b>Session VII</b> 10:00 – 10:45AM	<b>Advances in Subsea Technologies</b>  Subsea technologies are critical for offshore oil and gas exploration, renewable energy installations, and underwater infrastructure. This panel will explore recent advances in subsea technologies, highlighting innovations and their impact on the industry.
<b>Session VIII</b> 10:45 – 11:30AM	<b>Unlocking Potential: Revival of Non-flowing Wells</b>  Reviving non-flowing oil wells, also known as "shut-in", "sick" or "abandoned" wells, presents a significant opportunity to increase oil production. This panel will explore the methods, technologies, and economic implications of revitalizing these wells.
<b>Session IX</b> 11:30 – 12:15PM	<b>Towards Net Zero: New Energy Sources</b>  As the world transitions towards a net-zero carbon emissions future, the exploration and adoption of new energy sources are crucial. This panel will explore emerging energy sources that have the potential to contribute to achieving net-zero emission targets.
<b>Session X</b> 12:15 – 01:00PM	<b>Advances in Reservoir and Well Management</b>  Effective reservoir and well management are essential for optimizing oil and gas production, maximizing recovery rates, and ensuring operational efficiency. This panel will explore recent advancements in reservoir and well management practices and technologies.
<b>01:00 - 02:00 PM</b>	<b>Networking Lunch</b>
<b>Session XI</b> 02:15 – 03:00PM	<b>Advancements in Geophysical Technologies for Oil and Gas Exploration</b>  India upstream sector is evolving with introduction of advanced technologies ensuring strong economic growth and energy security. This session will delve into the transformative impact of cutting-edge geophysical methods on exploration and production of hydrocarbons apprising its critical role in addressing challenges of modern oil and gas exploration.
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# Exhibition Gallery

**Date:** 11<sup>th</sup> - 12<sup>th</sup> July 2024, Thursday and Friday

**Venue:** Bharat Mandapam, New Delhi

The Exhibition Gallery will showcase technical paper and presentations from various stakeholders – Industry, Service Providers and Academia, to present a holistic point of view on the following themes.

## Production Optimization and Enhancement Technologies

Advancement in Drilling Technologies

Decommissioning Best Practices

Unconventional Energy Sources – Potential and Challenges

Energizing Role of Artificial Intelligence (AI) and Machine Learning (ML) in E&P

Advances in Reservoir and Well Management

Advances in Subsea Technologies

Towards Net Zero – New Energy Sources

Unlocking Potential: Revival of non-flowing wells

Opportunities and Challenges in Emerging Indian Offshore Basins

Advancements in Geophysical Technologies for Oil and Gas Exploration