

**PROVISIONAL KNOWLEDGE HUB PROGRAMME**

**DAY 1:**

**1000 Hrs - 1200 Hrs - SUMMIT INAUGURATION CEREMONY**

**5<sup>th</sup> MAY 2020**

Summit Opening Keynote: Unpacking India's Energy Transition  
Followed by: Ribbon Cutting & VIP Exhibit Floor Tour

**1200 Hrs - 1230 Hrs - BREAK**

**KNOWLEDGE HUB PROGRAMME**

**THEATRE 1 -**

EFFECTIVE MANAGEMENT OF EXISTING ASSETS

**THEATRE 2 -**

GROWING DECENTRALISATION OF GENERATION

**1230 Hrs - 1330 Hrs - PARALLEL HUB SESSIONS**

**BUILDING IN FLEXIBILITY**

In a market with a growing renewable energy input, it is essential that operators of conventional power assets explore ways of building operational flexibility into their plants

**INNOVATIONS IN INDUSTRIAL SELF-GENERATION**

With the growth in energy demand from industrial facilities in India expected to continue, several key self-generation projects are showcased

**1330 Hrs - 1400 Hrs - BREAK**

**1400 Hrs - 1500 Hrs - PARALLEL HUB SESSIONS**

**NEW THINKING IN O&M**

Illustrated by real-life examples, innovative ideas in the area of O&M are presented and shared by experts

**NOVEL COMMERCIAL ON-SITE POWER**

Energy cost savings is a priority for India's commercial sector, such as for datacentres, with on-site power systems garnering interest. Here, a selection of case studies are showcased.

**1500 Hrs - 1530 Hrs - BREAK**

**1530 Hrs - 1630 Hrs - PARALLEL HUB SESSIONS**

**OPERATIONAL OPTIMISATION VIA DIGITALISATION**

Here, the enormous operational benefits that digitalisation can provide plant operators are explored

**OFF-GRID SOLAR UPDATE**

No-one can dispute India's huge solar potential, with off-grid solar arguably offering the best opportunity to provide universal access. The latest developments in this area from a technology and project perspective are showcased

**1630 Hrs - 1730 Hrs - NETWORKING RECEPTION ON EXHIBIT FLOOR**

**DAY 2:**

**1000 Hrs - 1100 Hrs - PARALLEL HUB SESSIONS**

**6<sup>th</sup> MAY 2020**

**REFURBISHMENT & MODERNISATION: PART ONE**

First of a two-part session where operators showcase several ground-breaking plant modernisation projects

**THE URBAN MICROGRID: OPPORTUNITIES EXPLORED**

The microgrid is a key part of the Smart City concept, and an installation of one can offer a multitude of benefits

**1100 Hrs - 1130 Hrs - BREAK**

**1130 Hrs - 1230 Hrs - PARALLEL HUB SESSIONS**

**REFURBISHMENT & MODERNISATION: PART TWO**

Second part of a two-part session where operators showcase several ground-breaking plant modernisation projects

**THE RURAL MICROGRID: POWER FOR ALL**

Electrifying every household remains a keystone goal for India's government, and it's important that microgrids' role in achieving this should not be under-estimated

**1230 Hrs - 1330 Hrs - BREAK**



**PROVISIONAL KNOWLEDGE HUB PROGRAMME**

THEATRE 1 - EFFECTIVE MANAGEMENT OF EXISTING ASSETS		THEATRE 2 - GROWING DECENTRALISATION OF GENERATION	
<b>DAY 2:</b>		<b>1330 Hrs - 1430 Hrs - PARALLEL HUB SESSIONS</b>	
<b>6<sup>th</sup> MAY 2020</b>			
<p><b>ACHIEVING STATE-OF-THE-ART EMISSIONS CONTROL</b> Four years after air pollution standards were introduced, there is enormous pressure on operators of coal-fired power plants to reduce their emissions. What technology solutions are available?</p>	<p><b>ENERGY STORAGE &amp; MICROGRIDS: CENTRAL TO DECENTRALISATION</b> Two of the most-exciting energy technology areas - microgrids and energy storage - are explored, along with their fundamental part in the "decentralisation of power generation" story</p>		
<b>1430 Hrs - 1530 Hrs - BREAK</b>			
<b>1530 Hrs - 1630 Hrs - PARALLEL HUB SESSIONS</b>			
<p><b>LATEST POWER PLANT TECHNOLOGIES</b> Showcasing the latest technology developments aimed at enhancing the performance of conventional power plants</p>	<p><b>ENERGY STORAGE TECH. BREAKTHROUGHS</b> With energy storage held up as the game-changer in a world with ever-greater input from intermittent renewables, the most-significant advances in this fast-evolving field are presented</p>		
<b>1630 Hrs - 1730 Hrs - NETWORKING RECEPTION ON EXHIBIT FLOOR</b>			
<b>DAY 3:</b>		<b>1000 Hrs - 1100 Hrs - PARALLEL HUB SESSIONS</b>	
<b>7<sup>th</sup> MAY 2020</b>			
<p><b>PLANT OPTIMISATION: CONTROL SYSTEMS &amp; TECHNOLOGY</b> Here, advanced technologies and systems that are providing state-of-the-art power plant control in the field are presented</p>	<p><b>HIGH-PERFORMANCE ENGINES</b> Key advances in engine technology that are pushing performance levels to new heights are presented and illustrated by real-life applications</p>		
<b>1100 Hrs - 1130 Hrs - BREAK</b>			
<b>1130 Hrs - 1230 Hrs - PARALLEL HUB SESSIONS</b>			
<p><b>PLANT OPTIMISATION: ADVANCES IN CONDITION MONITORING</b> Here, case studies that highlight the latest advances in condition monitoring, diagnostics and analytics for generation assets are shared</p>	<p><b>HIGH-PERFORMANCE IGTs</b> Key advances in industrial gas turbine (IGT) technology that are pushing performance levels to new heights are presented and illustrated by real-life applications</p>		
<b>1230 Hrs - 1330 Hrs - BREAK</b>			
<b>1330 Hrs - 1430 Hrs - PARALLEL HUB SESSIONS</b>			
<p><b>FUEL FLEXIBILITY OPPORTUNITIES EXPLORED</b> As demand for generating assets to utilize a variety of different fuels from operators continues to grow, how are OEMs responding?</p>	<p><b>DEEP DIVE INTO POWER-TO-X</b> An exploration of the Power-to-X concept that focuses on the decoupling of power from the electricity sector for use in other industry sectors, e.g. transportation or chemicals, and what opportunities exist in India</p>		
<b>END OF THE KNOWLEDGE HUB PROGRAMME</b>			

Organised by:



Lead International Partner:



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