

WORLD ENERGY STORAGE DAY

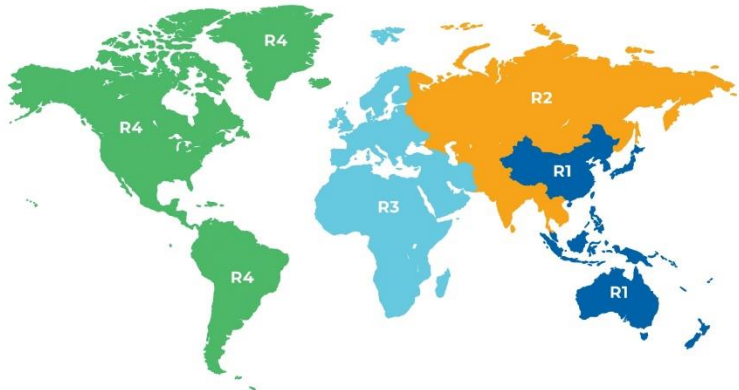
Virtual Global Conference & Expo

22 September, 2023
www.energystorageday.org

Join global thought leaders driving green energy and clean transportation.
Let's together celebrate the movement that can transform the planet.

Focus Segments

| | |
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| <p>Stationary Energy Storage</p> | <p>E-mobility and Enabling Infrastructure</p> |
| <p>Green Hydrogen</p> | <p>Manufacturing & Supply Chain</p> |



R1 to R4 Marathon sessions across four regions

75+ industry leaders from around the world

20,000+ international attendees & 30+ global partners

Discussion focused on Energy Storage, Green Hydrogen, e-mobility and Manufacturing & Supply Chain

Presenting Partner



Organising Partner



Media Partner



Gold Partner



Bronze Partner



Net Zero Partner



Supporting Partner



Startup Ecosystem Partner



| Australia Time (ACST) | Japan Time (JST) | India Time (IST) | Europe (CEST) | US EST | Hall 1 | Hall 2 | Hall 3 | | |
|-----------------------|------------------|------------------|---------------|----------|---|---|---|--|--|
| 10:00 AM | 9:30 AM | 6:00 AM | 2:30 AM | 8:30 PM | R1- Manufacturing & Supply Chain | | | | |
| 10:30 AM | 10:00 AM | 6:30 AM | 3:00 AM | 9:00 PM | | | | | |
| 11:00 AM | 10:30 AM | 7:00 AM | 3:30 AM | 9:30 PM | | | | | |
| 11:30 AM | 11:00 AM | 7:30 AM | 4:00 AM | 10:00 PM | Break | | | | |
| 12:00 PM | 11:30 AM | 8:00 AM | 4:30 AM | 10:30 PM | R1 – E-Mobility | | | | |
| 12:30 PM | 12:00 PM | 8:30 AM | 5:00 AM | 11:00 PM | | | | | |
| 1:00 PM | 12:30 PM | 9:00 AM | 5:30 AM | 11:30 PM | | | | | |
| 1:30 PM | 1:00 PM | 9:30 AM | 6:00 AM | 12:00 AM | | | | | |
| 2:00 PM | 1:30 PM | 10:00 AM | 6:30 AM | 12:30 AM | R1- Stationary | R2-Manufacturing & Innovation | | | |
| 2:30 PM | 2:00 PM | 10:30 AM | 7:00 AM | 1:00 AM | | | | | |
| 3:00 PM | 2:30 PM | 11:00 AM | 7:30 AM | 1:30 AM | | | | | |
| 3:30 PM | 3:00 PM | 11:30 AM | 8:00 AM | 2:00 AM | Break | Break | | | |
| 4:00 PM | 3:30 PM | 12:00 PM | 8:30 AM | 2:30 AM | R1 - Green Hydrogen | R2 – E-Mobility | Energy Storage Safety Consultation Workshop | | |
| 4:30 PM | 4:00 PM | 12:30 PM | 9:00 AM | 3:00 AM | | | | | |
| 5:00 PM | 4:30 PM | 1:00 PM | 9:30 AM | 3:30 AM | | | | | |
| 5:30 PM | 5:00 PM | 1:30 PM | 10:00 AM | 4:00 AM | Break | | | | |
| 6:00 PM | 5:30 PM | 2:00 PM | 10:30 AM | 4:30 AM | R3- Manufacturing & Innovation | R2- Stationary | | | |
| 6:30 PM | 6:00 PM | 2:30 PM | 11:00 AM | 5:00 AM | | | | | |
| 7:00 PM | 6:30 PM | 3:00 PM | 11:30 AM | 5:30 AM | | | | | |
| 7:30 PM | 7:00 PM | 3:30 PM | 12:00 PM | 6:00 AM | Break | Break | | | |
| 8:00 PM | 7:30 PM | 4:00 PM | 12:30 PM | 6:30 AM | R3 – E-Mobility | R2- Green Hydrogen | Global Startup Showcase | | |
| 8:30 PM | 8:00 PM | 4:30 PM | 1:00 PM | 7:00 AM | | | | | |
| 9:00 PM | 8:30 PM | 5:00 PM | 1:30 PM | 7:30 AM | | | | | |
| 9:30 PM | 9:00 PM | 5:30 PM | 2:00 PM | 8:00 AM | | | | | |
| 10:00 PM | 9:30 PM | 6:00 PM | 2:30 PM | 8:30 AM | R3- Stationary | Special Address by Earth Day Network | | | |
| 10:30 PM | 10:00 PM | 6:30 PM | 3:00 PM | 9:00 AM | | | | | |
| 11:00 PM | 10:30 PM | 7:00 PM | 3:30 PM | 9:30 AM | | | Skill development & Capacity Building for Clean Energy Transition | | |
| 11:30 AM | 11:00 PM | 7:30 PM | 4:00 PM | 10:00 AM | Break | | | | |
| 12:00 AM | 11:30 PM | 8:00 PM | 4:30 PM | 10:30 AM | R3- Green Hydrogen | | | | |
| 12:30 AM | 12:00 AM | 8:30 PM | 5:00 PM | 11:00 AM | | | | | |
| 1:00 AM | 12:30 AM | 9:00 PM | 5:30 PM | 11:30 AM | | | R4-Manufacturing & Innovation | | |
| 1:30 AM | 1:00 AM | 9:30 PM | 6:00 PM | 12:00 PM | Break | | | | |
| 2:00 AM | 1:30 AM | 10:00 PM | 6:30 PM | 12:30 PM | Special Session on Energy Storage for 3X Renewable | Break | | | |
| 2:30 AM | 2:00 AM | 10:30 PM | 7:00 PM | 1:00 PM | | | R4 – E-Mobility | | |
| 3:00 AM | 2:30 AM | 11:00 PM | 7:30 PM | 1:30 PM | | | | | |
| 3:30 AM | 3:00 AM | 11:30 PM | 8:00 PM | 2:00 PM | | | | | |
| 4:00 AM | 3:30 AM | 12:00 AM | 8:30 PM | 2:30 PM | | | | | |
| 4:30 AM | 4:00 AM | 12:30 AM | 9:00 PM | 3:00 PM | | R4- Stationary | | | |
| 5:00 AM | 4:30 AM | 1:00 AM | 9:30 PM | 3:30 PM | | | | | |
| 5:30 AM | 5:00 AM | 1:30 AM | 10:00 PM | 4:00 PM | | | | | |
| 6:00 AM | 5:30 AM | 2:00 AM | 10:30 PM | 4:30 PM | | Break | | | |
| 6:30 AM | 6:00 AM | 2:30 AM | 11:00 PM | 5:00 PM | | R4- Green Hydrogen | | | |
| 7:00 AM | 6:30 AM | 3:00 AM | 11:30 PM | 5:30 PM | | | | | |
| 7:30 AM | 7:00 AM | 3:30 AM | 12:00 AM | 6:00 PM | | | | | |

Presenting Partner

R1
ASIA PACIFIC



| R1 (Australia & New Zealand, Singapore, Philippines, Indonesia, Japan, China, South Korea) | |
|---|---|
| 10:00 - 17:30 ACST 09:30 - 17:00 JST & KST 02:30 - 10:00 CET 6.00- 13.30 IST | |
| Time (ACST) 10:00 - 11:30 | MANUFACTURING & SUPPLY CHAIN SESSION |
| Moderator | Akash Saraf, Senior Consultant, Customized Energy Solutions |
| | Mohan Yellishetty, Co-Founder, Critical Minerals Consortium, Monash University |
| | Richard Macoun, Research Director, Future Battery Industries CRC |
| | Isaac Ra, Senior Vice President, Enchem |
| | Peter Chou, VP Sales, KATOP |
| | |
| 11:30-12:00 | BREAK & Access to the Networking tables |
| | |
| 12:00 - 13:30 | E-MOBILITY SESSION |
| Moderator | Harsh Thacker, Director & Analyst- Emerging tech, Customized Energy Solutions |
| | Pimpa Limthongkul, President, Thailand Energy Storage Technology Association (TESTA) |
| | Kasturi Gomatham, Global Head of Battery Swapping (E-Mobility), Shell |
| | Edwin Chow, Asia-Pacific Regional Sector Head, Auto and Engineering & Manufacturing, DHL |
| | |
| 13.30 – 14:00 | BREAK & Access to the Networking tables |
| | |
| 14:00 - 15:30 | STATIONARY ENERGY STORAGE SESSION |
| Moderator | Vinayak Walimbe, Vice President, Emerging Technologies, Customized Energy Solutions |
| | John Grimes, CEO, Smart Energy Council |
| | Isabel Chatterton, Director & Regional Industry Head, International Finance Corporation (IFC) |
| | Achal Sondhi, VP Growth- APAC, Fluence |
| | |
| 15:30-16:00 | BREAK & Access to the Networking tables |
| | |
| 16:00-17:30 | GREEN HYDROGEN SESSION |
| Moderator | Nehal Divekar, Manager - Consulting, Emerging Technologies, Customized Energy Solutions |
| | Ohira Eiji, Director, New Energy and Industrial Technology Development Organization (NEDO) |
| | Brendan Norman, Co-Founder & CEO, H2X |
| | Mahshid Zaresharif, Hydrogen Solutions Development Specialist, Siemens Energy |
| | |

R2

INDIA, SAARC, RUSSIA



| R2 (India, SAARC, Russia) | |
|--|---|
| 10: 00 – 17: 30 IST 07: 30 – 15: 00 MSK | |
| Time (IST) 10:00 - 11:30 | MANUFACTURING & SUPPLY CHAIN SESSION |
| Moderator | Dr. Rahul Walawalkar, President & MD, Customized Energy Solutions India & President, India Energy Storage Alliance |
| | Dr. Hanif Qureshi, Joint Secretary, Department of Heavy Industry (DHI) |
| | MM Venkata Krishna, Chief Marketing Officer, ISBU, Amara Raja Batteries Ltd. |
| | Anjani Sri Mourya Sunkavalli, Founder & MD, Altmin |
| | Vishal Chaturvedi, Director of New Business Initiatives, Ola Electric |
| 11:30-12:00 | BREAK & Access to the Networking tables |
| 12:00 - 13:30 | E-MOBILITY SESSION |
| Moderator | Gurusharan Dhillon, Director - eMobility Services, Customized Energy Solutions, India |
| | Swapnil Jain, CTO, Ather Energy |
| | Anant Nahata, MD, EXICOM |
| | Anmol Jaggi, Founder, Blu Smart |
| 13:30 - 14:00 | BREAK & Access to the Networking tables |
| 14:00 - 15:30 | STATIONARY ENERGY STORAGE SESSION |
| Moderator | Netra Walawalkar, Vice President, Customized Energy Solutions India |
| | Ghanshyam Prasad, Chairperson, Central Electricity Authority (CEA), Ministry of Power |
| | Umang Maheshwari, Director, Solutions Deployment, The Global Energy Alliance for People and Planet |
| | Alexander Hogeveen Rutter, Private Sector Specialist, International Solar Alliance |
| | Mani Khurana, Senior Energy Specialist, The World Bank |
| | Sanskriti Dubey, Senior Manager, Market Growth & Communications, Fluence |
| 15:30-16:00 | BREAK & Access to the Networking tables |
| 16:00 - 17:30 | GREEN HYDROGEN SESSION |
| Moderator | Pawan Mulukutla, Director, Integrated Transport, Electric Mobility and Hydrogen, WRI India |
| | Dr. Ranjit Pai, Scientist 'E'/Director, Technology Mission Division, DST, Government of India |
| | Dr. Ajinkya Kamat, Innovation Fellow, India Energy Storage Alliance (IESA) |
| | Dr. K. Selvaraj, Senior Principal Scientist, Catalysis and Inorganic Chemistry Division, CSIR – NCL, National Chemical Laboratory (NCL) |
| | Prof. Aravind Kumar Chandiran, Associate Professor, Department of Chemical Engineering & Head, Centre for Photo and Electrochemical Energy Sciences (C-PEC), IIT Madras |

R3

EUROPE, MIDDLE EAST AND AFRICA



| R3 (Europe, UK, Middle East, Africa) | |
|---|--|
| 10:30 - 18:00 CEST 09:30 - 17:00 UTC 10:30 - 18:00 SAST 12:30 - 20:00 UAE 10:30- 18:00 BST 14.00-21.30 IST | |
| Time (CEST) 10:30 - 12:00 | MANUFACTURING & SUPPLY CHAIN SESSION |
| Moderator | Harsh Thacker, Director & Analyst- Emerging tech, Customized Energy Solutions Gery Bonduelle, Executive Vice President- Sales, Freyr AS Phoebe O'Hara, Analyst, Battery Raw Materials, Fastmarkets Wouter IJzermans, Executive Director, Batteries European Partnership Association (BEPA) Andrew Deadman, International R&D Partnership Manager, The Faraday Institution |
| 12:00 - 12:30 | BREAK & Access to the Networking tables |
| 12:30 - 14:00 | E-MOBILITY SESSION |
| Moderator | Ashok Thakur, Director, Customized Energy Solutions Europe Rene Schroeder, Director, Eurobat Fabio Sacchi, VP EV Logistics Business and Commercial Development, DHL Lars Carlstrom, Founder & Executive Chairman, Italtolt Warren Ondanje, Managing Director, Africa E-Mobility Alliance Abilash ET Nair, Head - Smart Mobility & Smart Buildings, Saeed & Mohammed Al Naboodah Group |
| 14:00-14:30 | BREAK & Access to the Networking tables |
| 14:30 - 16:00 | STATIONARY ENERGY STORAGE SESSION |
| Keynote | Francesco La Camera, Director-General, International Renewable Energy Agency (IRENA) |
| Moderator | Avanthika Satheesh, Director-Emerging Technologies- MENA, Customized Energy Solutions Jacopo Tosoni, Head of Policy, European Association for Storage of Energy (EASE) Upma Koul, Vice President, Sumitomo SHI FW Kenichiro Kitamura, Chief Representative - Middle East. Japan Bank for International Cooperation (JBIC) Mikhail Nikomarov, CEO, Bushveld Energy Julia Souder, CEO, Long Duration Energy Storage Council (LDES) |
| 16:00-16:30 | BREAK & Access to the Networking tables |
| 16:30-18:00 | GREEN HYDROGEN SESSION |
| Moderator | Frank Wouters, Senior VP, Reliance & Mena Hydrogen Jonas Moberg, CEO, The Green Hydrogen Organisation Thierry Lepercq, President, HyDeal Ambition, Founder, Soladvent Bernd Frank, Director, MKS Atotech Laurent Antoni, Executive Director, International Partnership for Hydrogen and Fuel Cells in the Economy (IPHE) Tudor Constantinescu, Principal Advisor, European Commission Agnel Cheruvathoor, Senior Sales Management, Sustainable Energy Systems/Hydrogen, Siemens Energy |

R4
**UNITED STATES,
 LATIN AMERICA
 AND CANADA**



| R4 (USA, Canada, Latin America (Brazil, Chile, Argentina)) | |
|---|---|
| 11:00 – 18:30 EST 20.30—04.00 IST | |
| Time (EST) 11:00-12:30 | MANUFACTURING & SUPPLY CHAIN SESSION |
| Moderator | Dr. Rahul Walawalkar, President & MD, Customized Energy Solutions India & President, India Energy Storage Alliance |
| | Dr. Prabhakar Patil, Former CEO, LG Chem Power |
| | Roger Lin, Vice President, Global Marketing & Government Relations, Ascend Elements |
| | Vikram Handa, MD, Epsilon Carbon |
| | Brian Engle, Director, Business Development, Electrification, Amphenol |
| | Celina Mikolajczak, Chief Battery Technology Officer, Lyten* |
| | Dr. Daniel Abraham, Senior Materials Scientist, Argonne National Laboratory* |
| | |
| 12:30-13:00 | BREAK & Access to the Networking tables |
| | |
| 13:00-14:30 | E-MOBILITY SESSION |
| Moderator | Juliette Do, Director E-Mobility, Customized Energy Solutions |
| | Xavier Moreau, Lead, Strategy and Business Development, Nuuve |
| | Tracy Li, Director of BTM Electrification as a Service for Fleets, Duke Energy |
| | Zach Woogen, Senior Policy Manager, Vehicle Grid Integration Council (VGIC) |
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| 14:30 – 15:00 | BREAK & Access to the Networking tables |
| | |
| 15:00 - 16:30 | STATIONARY ENERGY STORAGE SESSION |
| Moderator | Dr. Imre Gyuk, Chief Scientist, Energy Storage Research, Department of Energy (DOE), USA |
| | Dr. Judy Jeevarajan, Vice President and Executive Director, Electrochemical Safety Research Institute (ESRI), UL Research Institutes |
| | Ann Yu, Senior Consultant, Emerging Technologies, Customized Energy Solutions |
| | Alfredo Vieira, Evaluation Specialist, Climate Investment funds |
| | Bud Collins, CEO, American Energy Storage Innovations, Inc. |
| | Dr. Vincent Sprenkle, Strategic Advisor, Energy Storage, Electrochemical Materials and Systems Group, Pacific Northwest National Laboratory |
| | |
| 16:30 – 17:00 | BREAK & Access to the Networking tables |
| | |
| 17:00 - 18:30 | GREEN HYDROGEN SESSION |
| Moderator | Andreas Sakellaris, Director, Emerging Technologies East, Customized Energy Solutions |
| | Janice Lin, Founder and President, Green Hydrogen Coalition |
| | John Henderson, VP, Doral Energy |
| | Devraj Banerjee, Sr. Director, Ambient Fuels |
| | Tim Sasseen, Ballard Power Systems, Director, Market Development and Public Affairs North America |
| | Jeffrey Benoit, VP, Clean Energy Solutions, Power Systems Manufacturing LLC |
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Special Sessions

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| | Special Address by Earth Day Network |
| | Planet vs. Plastics |
| | 22:00 - 22:20 ACST 21: 30 – 21: 50 JST 18:00 - 18:20 IST 14:30 - 14:50 CEST 08:30- 08:50 EST |
| Moderator | Debi Prasad, Executive Director, IESA |
| | Karuna Singh, Regional Director Asia, Earth Day Network |
| | Prabhjot Sodhi, Senior Programme Director, Centre for Environment Education |
| | Tom Cosgrove, Chief Creative and Content Officer, EARTHDAY.ORG |

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| | ESS Safety Stakeholders Consultation |
| | <i>Supported by the World Bank and Customized Energy Solutions</i> |
| | 16:00 - 17:30 ACST 15:30 – 17:00 JST 12:00 - 13:30 IST 08:30 - 10:00 CEST 02:30- 04:00 EST |
| Welcome | Mani Khurana. Senior Energy Specialist, The World Bank |
| Keynote | Dr. Judy Jeevarajan, Vice President and Executive Director, Electrochemical Safety Research Institute (ESRI), UL Research Institutes |
| Moderator | Aditya Prasad, Energy Consultant, Customized Energy Solutions |
| | Pankaj Batra, Sr. Advisor, IRADE, Ex-Chairman, CEA |
| | Bharat Reddy, CTO, Axis Energy |
| | Aditya Trivedi, Chief Commercial Officer, 5B Industries India Private Limited |
| | V. Manjunath, Standards Manager – South Asia and Sub-Saharan Africa, Distinguished Member of Technical Staff – William Henry Merrill Society, UL Standards & Engagement* |

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| | Energy Storage for 3X Renewable by 2030 |
| | <i>Supported by Global Renewables Alliance, LDES Council</i> |
| | 02:00 - 03:30 ACST 1: 30 – 03: 00 JST 22:00 - 23:30 IST 18:30 - 20:00 CEST 12:30- 14:00 EST |
| Moderator | Debi Prasad Dash, Co-Chair, WESD Global Network, Executive Director, IESA |
| | Trigya Singh, Senior Coordinator, Global Renewables Alliance (GRA) |
| | Julia Souder, CEO, Long Duration Energy Storage Council (LDES) |
| | Stephen Crosher, CEO, RheEnergise |
| | Michael Simpson, CCPO, Cheesecake Energy |
| | GWEC / UNIDO* |
| | Julian Zingel, Business Development and Sales Manager for Energy Storage Solutions, Siemens Energy |

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| | Skill Development and Capacity Building for Clean Energy Transition |
| | 23:30 - 01:00 ACST 22: 00 – 23: 30 JST 18:30 - 20:00 IST 15:00 - 16:30 CEST 09:00- 10:30 EST |
| Moderator | Dr. Rahul Walawalkar, President & MD, Customized Energy Solutions India & President, India Energy Storage Alliance |
| Keynote | Dr Ashok Jhunjhunwala, Professor, IITM (Need of capacity building for clean energy transition) |
| | Dr Parveen Dhamija, Advisor, SCGJ (Scientist G, MNRE) (Priority areas for energy storage skill development and challenges faced) |
| | Vijay Dhar, NABWC, NaatBatt (Strategies to overcome lack of skilled workforce) |
| | Dr. Pratap Sanap, Head - Research & Innovation, Neilsoft, Executive Committee Member, Smart India Hackathon. |
| | Dr Chetan Singh Solanki, Professor- IIT Bombay, Founder- Energy Swaraj Foundation |

