



World Meets Energy

SMART ENERGY WEEK March 2024



Transforming Businesses, Building a Sustainable World

GREEN TRANSFORMATION WEEK March 2024

[Dates] February 28 (Wed) - March 1 (Fri), 2024 10:00 - 18:00 (10:00 - 17:00 on Mar. 1)

[Venue] Tokyo Big Sight, Japan [Organiser] RX Japan Ltd.

Exhibitors' Presentation

FREE

Many exhibitors will present their latest products and technical information inside the exhibition halls.

Venue: Inside the Exhibition Halls

(no pre-registration necessary.)

[NOTE] You may not be able to attend a seminar when the room reaches its full capacity.
Please note that some seminars may not have interpretation.



Image

Feb. 28th [Wed]

Feb. 29th [Thu]

Mar. 1st [Fri]

Feb. 28 [Wed]

※ Please note that programs are subject to change.

Power Distribution Technologies for a Reliable and Resilient

G&W Electric

Next-Generation Power Systems Seminar

Discuss Decarbonization, Decentralization, and Digitalization trends and technology to address these growing challenges.

Date/Time: Feb. 28 [Wed] 10:30 - 11:00 **Venue:** East-P Next-Generation Power Systems Seminar Venue
Presentation Language: English

Decarbonizing Truck and LCV mobility with H2 & Batteries

Plastic Omnium S.A.S.

Hydrogen Energy Application Seminar

Plastic Omnium's complete range of hydrogen and battery-electric mobility solutions for light and heavy duty vehicles

Date/Time: Feb. 28 [Wed] 10:30 - 11:00
Venue: West-C Hydrogen Energy Application / Zero Emission Thermal Power Generation Seminar Venue
Presentation Language: English

Enhancing the OWF asset values throughout the lifetime

Cwind Taiwan, TIWTC and IOG Group 股份有限公司

Wind Power Seminar

Drawing from the experiences in Taiwan, how would integrated services benefit Japanese Offshore wind industry.

Date/Time: Feb. 28 [Wed] 10:30 - 11:00 **Venue:** West-D Wind Power Seminar Venue
Presentation Language: English

DENZA's Wind Construction and O&M Business

DENZA K.K.

Wind Power Seminar

Introducing DENZA's wind power construction and O&M business, based on experience in Japan, Taiwan, Vietnam, and India.

Date/Time: Feb. 28 [Wed] 10:30 - 11:00 **Venue:** West-E Wind Power Seminar Venue
Presentation Language: Japanese

FIT/FIP申請に必須。太陽電池モジュールの含有物質情報提供

Japan Photovoltaic Energy Association

Solar Power Generation Seminar

今後FIT/FIP申請時に必要となる、太陽電池モジュールの含有物質情報の提供方法について解説いたします。

Date/Time: Feb. 28 [Wed] 11:30 - 12:00 **Venue:** East-F Solar Power Generation Seminar Venue
Presentation Language: Japanese

蓄電池ビジネスのこれから ～制度から運用方法まで一挙解説～

FPS INC.

Decarbonisation Management Achievement Seminar

2024年は長期脱炭素電源オークション、需給調整市場、太陽光併設型など様々な蓄電池ビジネスが展開、それらを一挙解説致します。

Date/Time: Feb. 28 [Wed] 11:30 - 12:00 **Venue:** East-S Decarbonisation Management Seminar Venue
Presentation Language: Japanese

When a Gigafactory becomes a reality

Symbio S.A.S.

Hydrogen Energy Application Seminar

Symbio FC solutions pioneering efficient & competitive zero-emission mobility

Date/Time: Feb. 28 [Wed] 11:30 - 12:00
Venue: West-C Hydrogen Energy Application / Zero Emission Thermal Power Generation Seminar Venue
Presentation Language: English

How MOL takes part in Offshore wind power business.

Mitsui O.S.K. Lines LTD.

Wind Power Seminar

We will introduce how shipping companies is entering the offshore wind power business.

Date/Time: Feb. 28 [Wed] 11:30 - 12:00 **Venue:** West-D Wind Power Seminar Venue
Presentation Language: Japanese

Achieving Net Zero! How to reduce Scope 3 of GHG emissions

NTT DATA Japan CO.

Decarbonisation Management Achievement Seminar

ネットゼロ達成に向けて、脱炭素経営の第一歩「であるGHG排出量の算定・可視化」。特にScope3排出量算定について解説致します。

Date/Time: Feb. 28 [Wed] 12:30 - 13:00 **Venue:** East-S Decarbonisation Management Seminar Venue
Presentation Language: Japanese

Liquid Hydrogen supply chain

Air Liquide Japan GK.

Hydrogen Energy Application Seminar

The combination of carbon-free hydrogen production and liquid hydrogen distribution will be key for hydrogen export.

Date/Time: Feb. 28 [Wed] 12:30 - 13:00
Venue: West-C Hydrogen Energy Application / Zero Emission Thermal Power Generation Seminar Venue
Presentation Language: English

Site survey for offshore wind development

Fugro

Wind Power Seminar

The lecture introduces the method for de-risking for offshore wind project.

Date/Time: Feb. 28 [Wed] 12:30 - 13:00 **Venue:** West-D Wind Power Seminar Venue

Presentation Language: Japanese

CTV+ our Business development in the offshore wind

TOKYO KISEN CO., LTD.

Wind Power Seminar

Tokyo Kisen will present the latest business development: Design, SOV, Ocean tug, VR simulator, Marine coordination

Date/Time: Feb. 28 [Wed] 12:30 - 13:00 **Venue:** West-E Wind Power Seminar Venue

Presentation Language: Japanese

太陽光+蓄電システムの最適なエネルギーマネジメントシステム

meteocontrol Japan CORP.

Solar Power Generation Seminar

今後需要拡大が期待される産業用蓄電併設型太陽光、系統蓄電システム向け制御システムをわかりやすく説明します。

Date/Time: Feb. 28 [Wed] 13:30 - 14:00 **Venue:** East-F Solar Power Generation Seminar Venue

Presentation Language: Japanese

粉体空気輸送装置 空気輸送だけど、空気に触れない!?

HIGUCHI INC.

Next-Generation Battery Seminar

不活状態を維持したまま「粉体原料供給」-「装置から装置への粉体輸送」-「充填」が可能なDEC社@スイスの粉体輸送装置をご紹介します

Date/Time: Feb. 28 [Wed] 13:30 - 14:00 **Venue:** East-L Next-Generation Battery Seminar Venue

Presentation Language: Japanese

カーボנקレジットの基礎から最新状況まで～生成の現場から～

Faeger CO.

Decarbonisation Management Achievement Seminar

カーボנקレジットとは?日本の企業に求められる排出量削減に対しどう見極め活用すべきか?生成の現場から最新状況をレポート

Date/Time: Feb. 28 [Wed] 13:30 - 14:00 **Venue:** East-S Decarbonisation Management Seminar Venue

Presentation Language: Japanese

ルテニウムをベースとした PEM 水電解用の新規触媒のご紹介

Heraeus K.K.

Hydrogen Energy Application Seminar

希少なイリジウムの供給課題に対応する、混合酸化物のコンセプトに基づいた安定性の高い新しいルテニウム触媒をご紹介します。

Date/Time: Feb. 28 [Wed] 13:30 - 14:00

Venue: West-C Hydrogen Energy Application / Zero Emission Thermal Power Generation Seminar Venue

Presentation Language: Japanese

Drilling solutions for offshore wind foundations & landfalls

Herrenknecht AG CORPORATION

Wind Power Seminar

Offshore wind farms require mechanized solutions to drill offshore foundations and to install export cable landfalls.

Date/Time: Feb. 28 [Wed] 13:30 - 14:00 **Venue:** West-E Wind Power Seminar Venue

Presentation Language: English

Innovative Conductive Carbon Additives (CB/CNT) from Cabot

Cabot Corporation CO.

Next-Generation Battery Seminar

Cabot's versatile Solutions address high energy density; high power and performance-cost needs for LIB customers.

Date/Time: Feb. 28 [Wed] 14:30 - 15:00 **Venue:** East-L Next-Generation Battery Seminar Venue

Presentation Language: Bilingual [English/Japanese]

Hydrexia's Technology Solutions for Hydrogen Industry

Hydrexia

Hydrogen Energy Application Seminar

The technology to address the bottleneck constraining the broad utilization of hydrogen across various industries.

Date/Time: Feb. 28 [Wed] 14:30 - 15:00

Venue: West-C Hydrogen Energy Application / Zero Emission Thermal Power Generation Seminar Venue

Presentation Language: English

Latest trends on Circular Economy, decarbonization regulation

Bureau Veritas Japan CO., LTD.

Decarbonisation Management Achievement Seminar

To understand requirements on decarbonization and circular economy in EU in referring to latest trends and case studies.

Date/Time: Feb. 28 [Wed] 15:30 - 16:00 **Venue:** East-S Decarbonisation Management Seminar Venue

Presentation Language: Bilingual [English/Japanese]

Greater Efficiency for Electro-Hydrogen Conversion

Sungrow Hydrogen Sci.&Tech. CO., LTD.

Hydrogen Energy Application Seminar

Dynamic display of flexible green hydrogen production core technology, global release of 300Nm³/h PEM electrolyzer

Date/Time: Feb. 28 [Wed] 15:30 - 16:00

Venue: West-C Hydrogen Energy Application / Zero Emission Thermal Power Generation Seminar Venue

Presentation Language: English

Offshore Wind Education Program and partnership with SDI

Industry-Academia Consortium for Higher Education Program on Offshore Wind

Wind Power Seminar

Industry-Academia Consortium for Higher Education on Offshore Wind & activities with Scottish Development International.

Date/Time: Feb. 28 [Wed] 15:30 - 16:00 **Venue:** West-E Wind Power Seminar Venue

Presentation Language: Japanese

Feb. 29 [Thu]

ENTERA™ Aerogel: Breakthrough Insulation for Battery EVs

Cabot Corporation CO.

Next-Generation Battery Seminar

ENTERA™ Aerogel Enables Insulation Performance in Thin Thermal Barriers to Mitigate Thermal Runaway in Battery EVs

Date/Time: Feb. 29 [Thu] 10:30 - 11:00 **Venue:** East-L Next-Generation Battery Seminar Venue

Presentation Language: Japanese

DMFC-based Independent Power for Remote Environments

SUSHUI Energy Technology (Suzhou) CO., LTD.

Hydrogen Energy Application Seminar

Advanced Independent Power Solutions for Extreme and Remote Environments Based on Direct Methanol Fuel Cell technology

Date/Time: Feb. 29 [Thu] 10:30 - 11:00

Venue: West-C Hydrogen Energy Application / Zero Emission Thermal Power Generation Seminar Venue

Presentation Language: English

DTS & DAS Application in Wind Farms

AP Sensing GMBH

Wind Power Seminar

Advantages of using Distributed Fiber Optic Sensing technology to monitor onshore & offshore power cable infrastructure.

Date/Time: Feb. 29 [Thu] 10:30 - 11:00 **Venue:** West-D Wind Power Seminar Venue

Presentation Language: English

住宅用太陽光発電の初期費用0円サービスについて

Japan Photovoltaic Energy Association

Solar Power Generation Seminar

住宅用太陽光発電の設置に当たり、初期投資負担を軽減する、初期費用0円サービスについて解説いたします。

Date/Time: Feb. 29 [Thu] 11:30 - 12:00 **Venue:** East-F Solar Power Generation Seminar Venue

Presentation Language: Japanese

Carbon Neutrality with Mobility & Energy Transformation

NTT DATA Japan CO.

Decarbonisation Management Achievement Seminar

NTTデータが目指す、モビリティ×エネルギー領域のDXを通じた脱炭素について紹介します。

Date/Time: Feb. 29 [Thu] 11:30 - 12:00

Venue: East-S Decarbonisation Management Seminar Venue

Presentation Language: Japanese

Innovations in Electrolyzer Technology for Green Hydrogen

IDTechEx

Hydrogen Energy Application Seminar

This presentation by IDTechEx will cover key innovations and provide a market outlook for electrolyzer technologies.

Date/Time: Feb. 29 [Thu] 11:30 - 12:00

Venue: West-C Hydrogen Energy Application / Zero Emission Thermal Power Generation Seminar Venue

Presentation Language: English

Lessons Learned from an Owner's Engineer in Taiwan

DNV A.S.

Wind Power Seminar

As the owner's engineer, DNV will discuss the key lessons learned from the Taipower Offshore Wind Project in Taiwan.

Date/Time: Feb. 29 [Thu] 11:30 - 12:00 **Venue:** West-E Wind Power Seminar Venue

Presentation Language: English

Cutting edge solutions in Separator & Battery foil -Hindalco

Hindalco Industries LTD.

Next-Generation Battery Seminar

Uncover the synergy of research and development, propelling the company to the forefront of energy storage excellence!

Date/Time: Feb. 29 [Thu] 12:30 - 13:00 **Venue:** East-L Next-Generation Battery Seminar Venue

Presentation Language: English

設備電力可視化から始める省エネ対応セミナー

Epson Sales Japan CORP.

Decarbonisation Management Achievement Seminar

オフィス・工場の省エネ・脱炭素化に向け、設備ごと電力消費可視化を用いた効率的な進め方についてご紹介します。

Date/Time: Feb. 29 [Thu] 12:30 - 13:00 **Venue:** East-S Decarbonisation Management Seminar Venue

Presentation Language: Japanese

HyGen & Hypal, make and use green H2 at home.

HYDROGEN CRAFT CORPORATION

Hydrogen Energy Application Seminar

HyPal 1.5kw power supply plus HyGen H2 Producer is unveiling the distributed h2 production era.

Date/Time: Feb. 29 [Thu] 12:30 - 13:00

Venue: West-C Hydrogen Energy Application / Zero Emission Thermal Power Generation Seminar Venue

Presentation Language: English

HJT PV Technology Leader - QW SOLAR

Shandong QW SOLAR New Energy Technology CO., LTD.

Solar Power Generation Seminar

We have developed a highly efficient and comprehensive product system for roofing, offshore and land application scenarios

Date/Time: Feb. 29 [Thu] 13:30 - 14:00 **Venue:** East-F Solar Power Generation Seminar Venue

Presentation Language: Bilingual [Chinese/Japanese]

Example of battery inspection by X-ray CT scan

JMC CORPORATION

Next-Generation Battery Seminar

X線CTスキャン受託サービスのパイオニアであるJMCがバッテリーの非破壊観察におけるポイントやスキャン解析事例をご紹介します。

Date/Time: Feb. 29 [Thu] 13:30 - 14:00 **Venue:** East-L Next-Generation Battery Seminar Venue

Presentation Language: Japanese

カーボンクレジットの基礎から最新状況まで～生成の現場から～

Faeger CO.

Decarbonisation Management Achievement Seminar

カーボンクレジットとは?日本の企業に求められる排出量削減に対しどう見極め活用すべきか?生成の現場から最新状況をレポート

Date/Time: Feb. 29 [Thu] 13:30 - 14:00 **Venue:** East-S Decarbonisation Management Seminar Venue
Presentation Language: Japanese

Introduction of the AVL fuel cell test system

AVL JAPAN K.K.

Hydrogen Energy Application Seminar

Discover AVL's unique toolchain, combining real-world testing and simulation for improved development efficiency.

Date/Time: Feb. 29 [Thu] 13:30 - 14:00
Venue: West-C Hydrogen Energy Application / Zero Emission Thermal Power Generation Seminar Venue
Presentation Language: Japanese

ギガファクトリーの迅速立上げを実現する最新DX技術

Siemens K.K.

Next-Generation Battery Seminar

AI・メタバースなどの最新デジタル・自動化技術を用いて電池製造のスマート工場構築を実現するソリューションをご紹介します。

Date/Time: Feb. 29 [Thu] 14:30 - 15:00 **Venue:** East-L Next-Generation Battery Seminar Venue
Presentation Language: Japanese

アクセルトレーニングで始めるカーボンニュートラル

A.R.M.S. CO., LTD.

Decarbonisation Management Achievement Seminar

カーボンニュートラルへの取組の第一歩に、自動車のアクセル操作の習慣を変える「アクセルトレーニング」についてご案内します。

Date/Time: Feb. 29 [Thu] 14:30 - 15:00 **Venue:** East-S Decarbonisation Management Seminar Venue
Presentation Language: Japanese

Jenbacher H2 Solution: aligning with Japan's Green Strategy

Jenbacher

Hydrogen Energy Application Seminar

See Jenbacher's flexible, hydrogen-ready Jenbacher tech complementing Japan's strategy, via MW-scale examples.

Date/Time: Feb. 29 [Thu] 14:30 - 15:00
Venue: West-C Hydrogen Energy Application / Zero Emission Thermal Power Generation Seminar Venue
Presentation Language: Bilingual [English/Japanese]

Product strategy release

Delta Energy Technology Group Co., Ltd.

Next-Generation Battery Seminar

Product strategy release

Date/Time: Feb. 29 [Thu] 15:30 - 16:00 **Venue:** East-L Next-Generation Battery Seminar Venue
Presentation Language: English

脱炭素に挑む成田国際空港の取り組みと水素の利活用事例

NARITA INTERNATIONAL AIRPORT CORP.

Hydrogen Energy Application Seminar

CO2排出実質ゼロに向けた取り組みとして「水素燃料電池・蓄電池 ハイブリッドUPS」を導入した決め手と、今後の取り組みについて

Date/Time: Feb. 29 [Thu] 15:30 - 16:00

Venue: West-C Hydrogen Energy Application / Zero Emission Thermal Power Generation Seminar Venue

Presentation Language: Japanese

Offshore Wind Education Program and partnership with WFO

Industry-Academia Consortium for Higher Education Program on Offshore Wind

Wind Power Seminar

Industry-Academia Consortium for Higher Education Program on Offshore Wind and activities with World Forum Offshore Wind

Date/Time: Feb. 29 [Thu] 15:30 - 16:00 **Venue:** West-E Wind Power Seminar Venue

Presentation Language: Japanese

Mar. 1 [Fri]

Silicon-based Bipolar Plate Technology for PEMFC

H2LAB

Hydrogen Energy Application Seminar

An Introduction to Silicon Bipolar Plate Technology and Its Advantages.

Date/Time: Mar. 1 [Fri] 10:30 - 11:00

Venue: West-C Hydrogen Energy Application / Zero Emission Thermal Power Generation Seminar Venue

Presentation Language: English

地域との共生・共創のための太陽光発電所チェックリスト

Japan Photovoltaic Energy Association

Solar Power Generation Seminar

JPEAは地域との共生・共創のための太陽光発電所のチェックリストを作成しましたので、その活用方法を解説いたします。

Date/Time: Mar. 1 [Fri] 11:30 - 12:00 **Venue:** East-F Solar Power Generation Seminar Venue

Presentation Language: Japanese

Charge/discharge test to accelerate the deployment in Europe

Keysight Technologies INC.

Next-Generation Battery Seminar

EV shift is rapidly progressing. To accelerate the battery deployment, introduce the case study in Europe and solutions.

Date/Time: Mar. 1 [Fri] 11:30 - 12:00 **Venue:** East-L Next-Generation Battery Seminar Venue

Presentation Language: Japanese

コーポレートPPAの最新事例解説 ～電力会社ならではの課題解決～

FPS INC.

Decarbonisation Management Achievement Seminar

コーポレートPPAにおける弊社最新事例を紹介しながら、電力会社ならではの課題解決について分かりやすく解説致します。

Date/Time: Mar. 1 [Fri] 11:30 - 12:00 **Venue:** East-S Decarbonisation Management Seminar Venue

Presentation Language: Japanese

AEM Electrolyser

Mikuni Kikai Kogyo CO., LTD.

Zero Emission Thermal Power Generation Seminar

AEM electrolyser is an innovative green hydrogen generator with high efficiency, low cost and easy maintenance.

Date/Time: Mar. 1 [Fri] 11:30 - 12:00

Venue: West-C Hydrogen Energy Application / Zero Emission Thermal Power Generation Seminar Venue

Presentation Language: Japanese

Simulation for the manufacturing of all-solid-state battery

CYBERNET SYSTEMS CO., LTD.

Next-Generation Battery Seminar

Analysis technology for a series of manufacturing processes for all-solid-state batteries will be introduced.

Date/Time: Mar. 1 [Fri] 12:30 - 13:00

Venue: East-L Next-Generation Battery Seminar Venue

Presentation Language: Japanese

初期投資0円の脱炭素経営！コスト削減・BCP対策も実現するGX事例

i GRID SOLUTIONS INC.

Decarbonisation Management Achievement Seminar

「見える化」の次へ！太陽光で創る・蓄電池で貯める・AIで他拠点に繋ぐことで、再エネ率を最大化する製造・物流・小売企業の事例

Date/Time: Mar. 1 [Fri] 12:30 - 13:00

Venue: East-S Decarbonisation Management Seminar Venue

Presentation Language: Japanese

水素製造&発電プラントの設計・建設・運転・保守を支援するDX

Hexagon

Hydrogen Energy Application Seminar

水素製造、火力、原子力、グリーン発電設備のライフサイクルを通じたDX推進について、最新の当社顧客事例をもとに考察します。

Date/Time: Mar. 1 [Fri] 13:00 - 13:30

Venue: West-C Hydrogen Energy Application / Zero Emission Thermal Power Generation Seminar Venue

Presentation Language: Japanese

「Kombi Power System」の紹介、ガス化発電施設への適用

ReGaWatt GMBH

Biomass Power Generation Seminar

ドイツのReGaWatt社の「Kombi Power System」の紹介と、この技術を採用した木質バイオマスガス化発電所を紹介します。

Date/Time: Mar. 1 [Fri] 13:30 - 14:00

Venue: East-G Biomass Power Generation Seminar Venue

Presentation Language: Bilingual [English/Japanese]

浮体式洋上風力の海底地盤調査における新技術

OYO Corporation

Wind Power Seminar

浮体式洋上風力は水深100～400m程度と深い。このような海域で浮体式風車基礎に必要な海底地盤調査の項目と新技術を紹介する。

Date/Time: Mar. 1 [Fri] 13:30 - 14:00

Venue: West-D Wind Power Seminar Venue

Presentation Language: Japanese

Energy storage for decarbonization - cases from Norway

SCSK CORP.

Decarbonisation Management Achievement Seminar

Featuring Pixii's co-founder, an expert in distributed energy storage management, for industry case studies & insights.

Date/Time: Mar. 1 [Fri] 14:30 - 15:00 **Venue:** East-S Decarbonisation Management Seminar Venue

Presentation Language: Bilingual [English/Japanese]

Technologies to anchor low carbon hydrogen and ammonia

Air Liquide Japan GK.

Hydrogen Energy Application Seminar

our expert will showcase Autothermal Reforming Technology, ATR technology and Ammonia Cracking Technology so on.

Date/Time: Mar. 1 [Fri] 14:30 - 15:00

Venue: West-C Hydrogen Energy Application / Zero Emission Thermal Power Generation Seminar Venue

Presentation Language: English

ケイライン・ウインド・サービスの取り組みについて

“K” Line Wind Service, LTD.

Wind Power Seminar

洋上風力事業に関するケイライン・ウインド・サービスの取り組みについてご紹介します。

Date/Time: Mar. 1 [Fri] 14:30 - 15:00 **Venue:** West-D Wind Power Seminar Venue

Presentation Language: Japanese

Development and Industrialization of PEM FC Stack Modules

EKPO Fuel Cell Technologies GMBH

Hydrogen Energy Application Seminar

Highest engineering competence coupled with automotive manufacturing excellence, is the DNA of the EKPO developments.

Date/Time: Mar. 1 [Fri] 15:30 - 16:00

Venue: West-C Hydrogen Energy Application / Zero Emission Thermal Power Generation Seminar Venue

Presentation Language: English

Offshore Wind Education Program and partnership with SDI

Industry-Academia Consortium for Higher Education Program on Offshore Wind

Wind Power Seminar

Industry-Academia Consortium for Higher Education on Offshore Wind & activities with Scottish Development International.

Date/Time: Mar. 1 [Fri] 15:30 - 16:00 **Venue:** West-E Wind Power Seminar Venue

Presentation Language: Japanese