



› eex group

EEX Japan Power Futures

Developing a liquid market together with the industry

30 January 2020

Tokyo

› eex

› epexspot

› eexasia

› nodal

› ecc

› nodalclear

› grexel

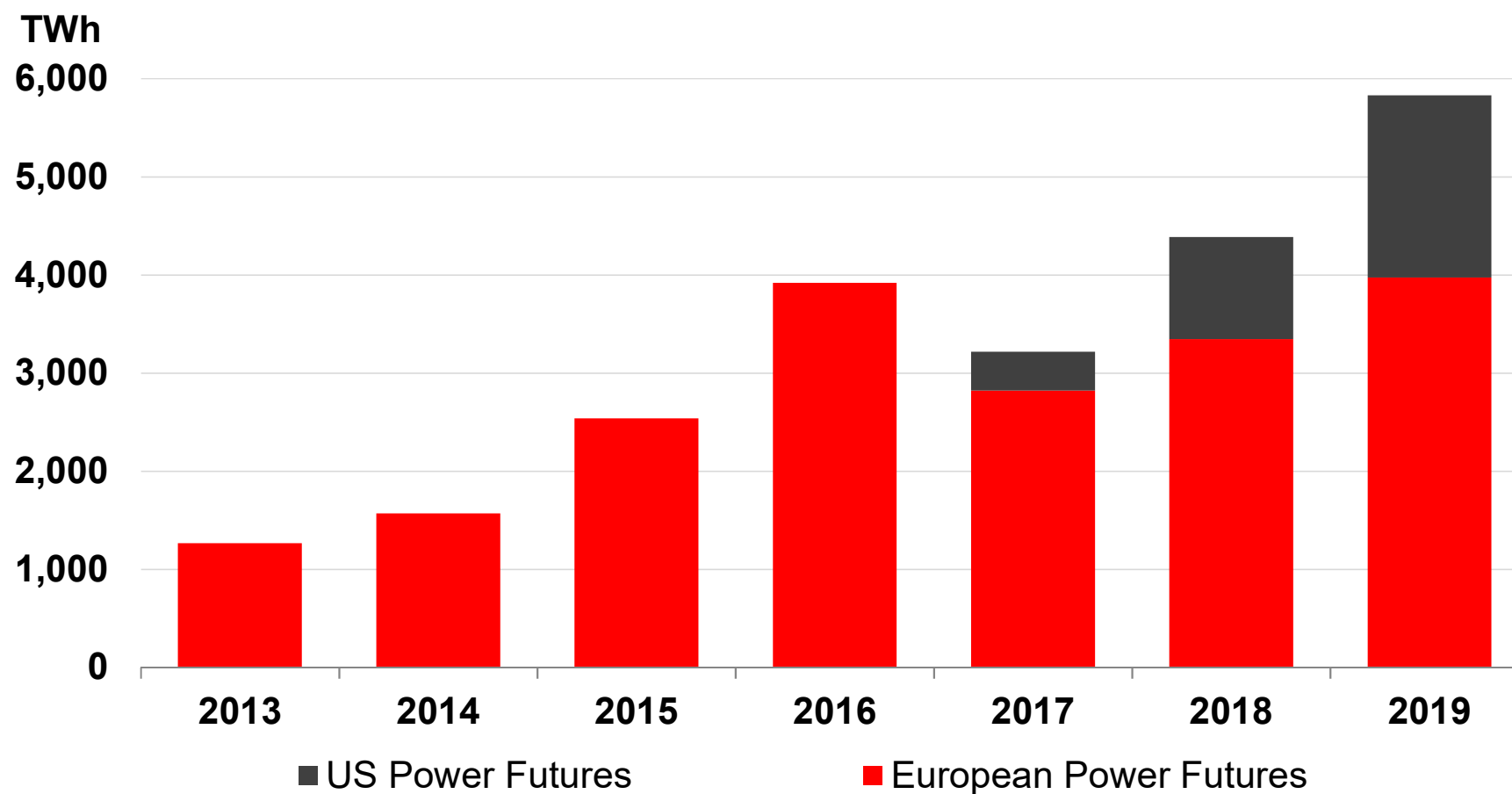
› pxe

Agenda

- Introduction from Steffen Koehler, COO of EEX
- Recap of activities in 2019 – a true industry journey
- EEX Japan Power Futures – unveiling the details of the offering
- EEX Japan Power Portal – an easy way into clearing
- Roadmap towards a successful launch
- Questions & Answers

Annual volumes in EEX Power Derivatives

Developing liquid markets together with the industry



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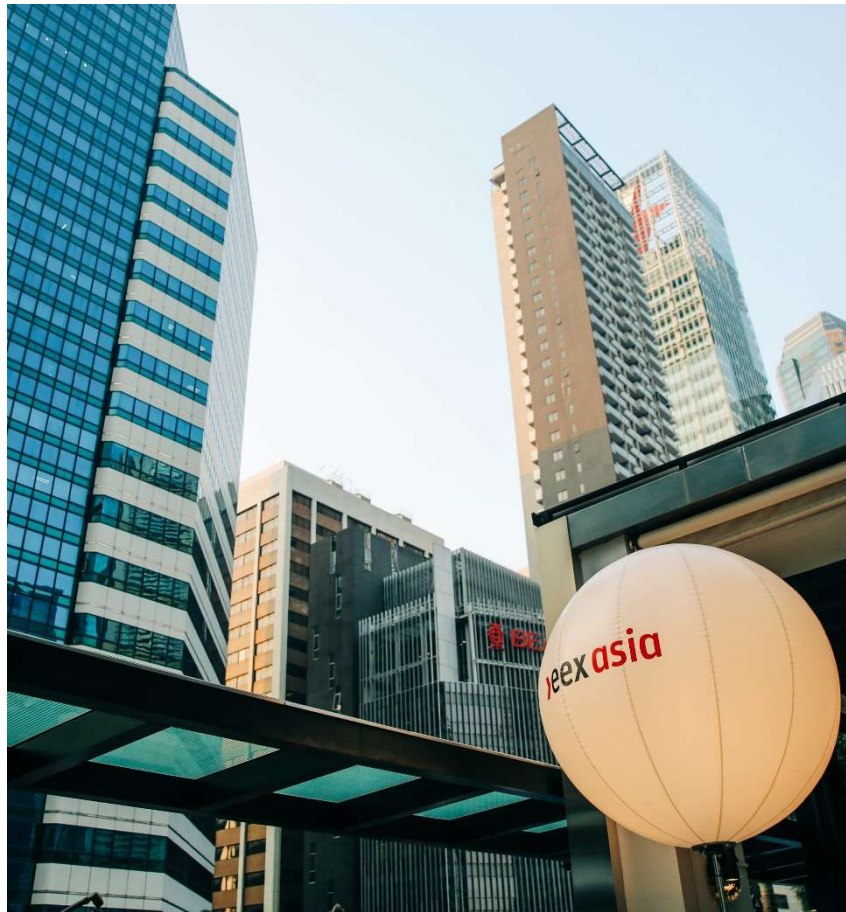
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Recap of activities in 2019

Building the client network



- Workshops in Tokyo, London and Singapore
- >150 individual client meetings
- Numerous hedging seminars in Japan
- Dedicated webinar series in co-operation with Bloomberg (Tokyo)
- Creation of Japanese Power Working Group with utilities and major market participants
- Thank you all - for your advice, feedback, constructive criticism and recommendations

Recap of activities in 2019

Connecting the Japanese and the global trading community

- EEX will provide services to Japanese utilities, PPS companies and trading houses
- EEX works with international banks, which provide tailor-made services for Japanese clients
- EEX collaborates closely with brokerage firms, located inside and outside Japan
- Many international EEX members are already setting up EEX Japanese Power Futures



Recap of activities in 2019

Establishing an EEX Japanese power team



- Diverse team of more than 20 experts from 4 different offices around the globe
- Local presence in Tokyo since July 2019
- EEX is hiring in Tokyo! Please approach us for more information about open positions.

Agenda

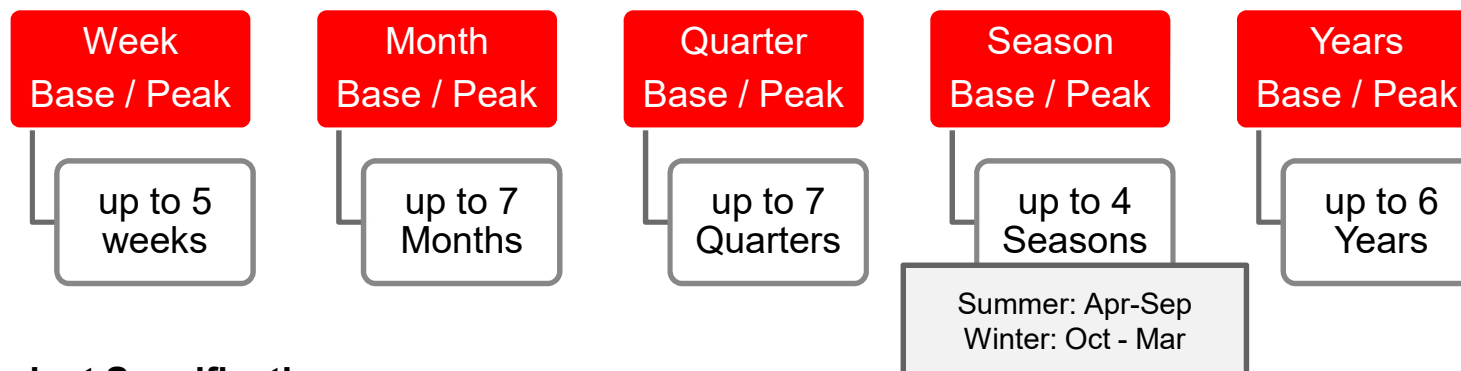
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EEX Japan Power Futures

Product Specifications

Kansai Area

Tokyo Area



Product Specifications:

Currency:	Japanese Yen
Pricing:	in Yen/kWh
Minimum price fluctuation:	Yen 0.01 per kWh
Contract Size:	1 MW (1,000kW) * number of hours in delivery period
Minimum lotsize:	1 contract

- Peak definition: **Japanese holiday calendar***, Mo-Fr 08:00am – 08:00pm

***EEX will use the Japanese holiday calendar for peak load contracts.**

EEX Japan Power Futures

Product Specifications #2

Japanese holiday calendar

- Only holidays that are known 6 years in advance will be taken into account
- Extraordinary holidays (e.g. Golden Week 2019) will not be considered by EEX
- A table showing „considered‘ holidays will be published on the EEX website

Fallback mechanism in case of JEPX spot market suspension

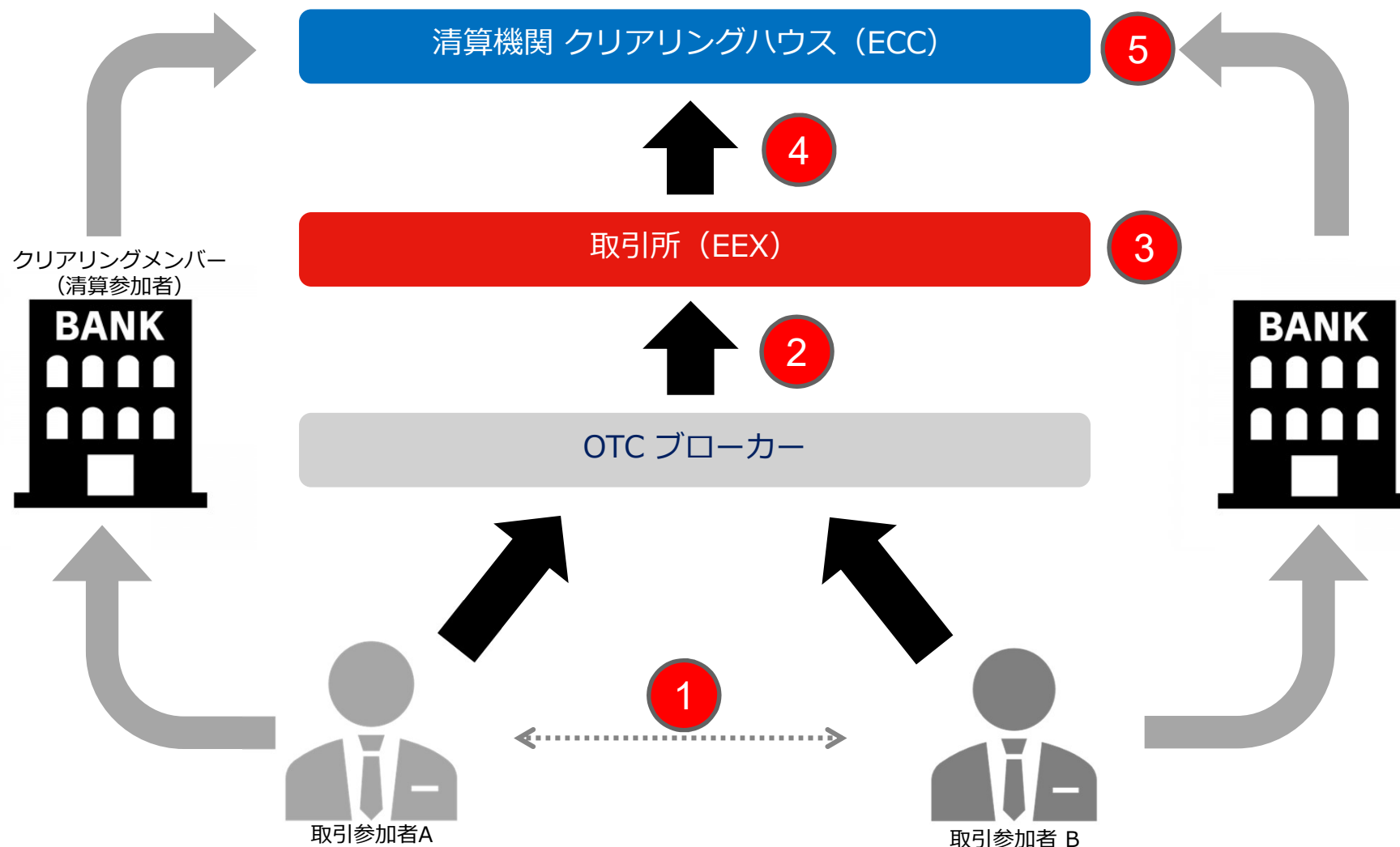
- ANRE has presented proposals for a fallback mechanism in case of a spot market outage, e.g. in case of natural disasters
- EEX will follow the ANRE guidance to replace missing spot prices with the average spot price for one week before the power spot market outage

Cascading

- EEX Japan Power Futures follow a cascading mechanism
- Year contracts cascade into 3 months and 3 quarters
- Season contracts cascade into 3 months and 1 quarter
- Quarter contracts cascade into 3 months

How to trade EEX Japan Power Futures

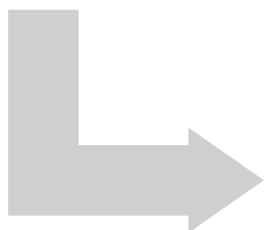
EEXにおける取引のライフサイクル



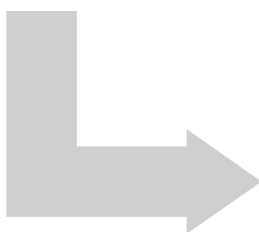
EEX Japan Power Futures

The Trade Registration Process

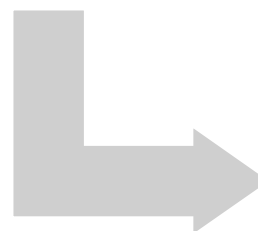
Trading via a broker of your choice



Broker submits transaction to
EEX Japan Power Portal



Trade is checked against
risk limits and collaterals of
the clearing member



Trade is processed in
EEX/ECC systems



EEX Japan Power Futures

When can transactions be registered with EEX?

Trades can be registered for clearing Monday to Friday between 9:00am and 19:00pm JST, unless on days when EEX is closed.

Tokyo Local Time	09:00-10:00	10:00-11:00	11:00-12:00	12:00-13:00	13:00-14:00	14:00-15:00	15:00-16:00	16:00-17:00	17:00-18:00	18:00-19:00
CET+1 (European Summer Time)	02:00-03:00	03:00-04:00	04:00-05:00	05:00-06:00	06:00-07:00	07:00-08:00	08:00-09:00	09:00-10:00	10:00-11:00	11:00-12:00
CET (European Winter Time)	01:00-02:00	02:00-03:00	03:00-04:00	04:00-05:00	05:00-06:00	06:00-07:00	07:00-08:00	08:00-09:00	09:00-10:00	10:00-11:00

EEX Japan Power Futures

On which days can transaction be registered?

Transactions can be registered Mondays to Fridays, except on European bank holidays (**examples for 2020**), when EEX power markets are closed.

New Year – 1st January

Good Friday - *10th April*

Easter Monday - *13th April*

Labour Day – 1st May

Christmas Eve – 24th December

Christmas Day – 25th December

Boxing Day – 26th December

New Year's Eve – 31st December

EEX Japan Power Futures

Fee schedule

EEX Japanese Power Futures are subject to exchange and clearing fees

EEX trade registration fee	0.002 JPY/kWh = 2.00 JPY/MWh
ECC clearing fee	0.001 JPY/kWh = 1.00 JPY/MWh

EEX Japan Power Futures Documentation



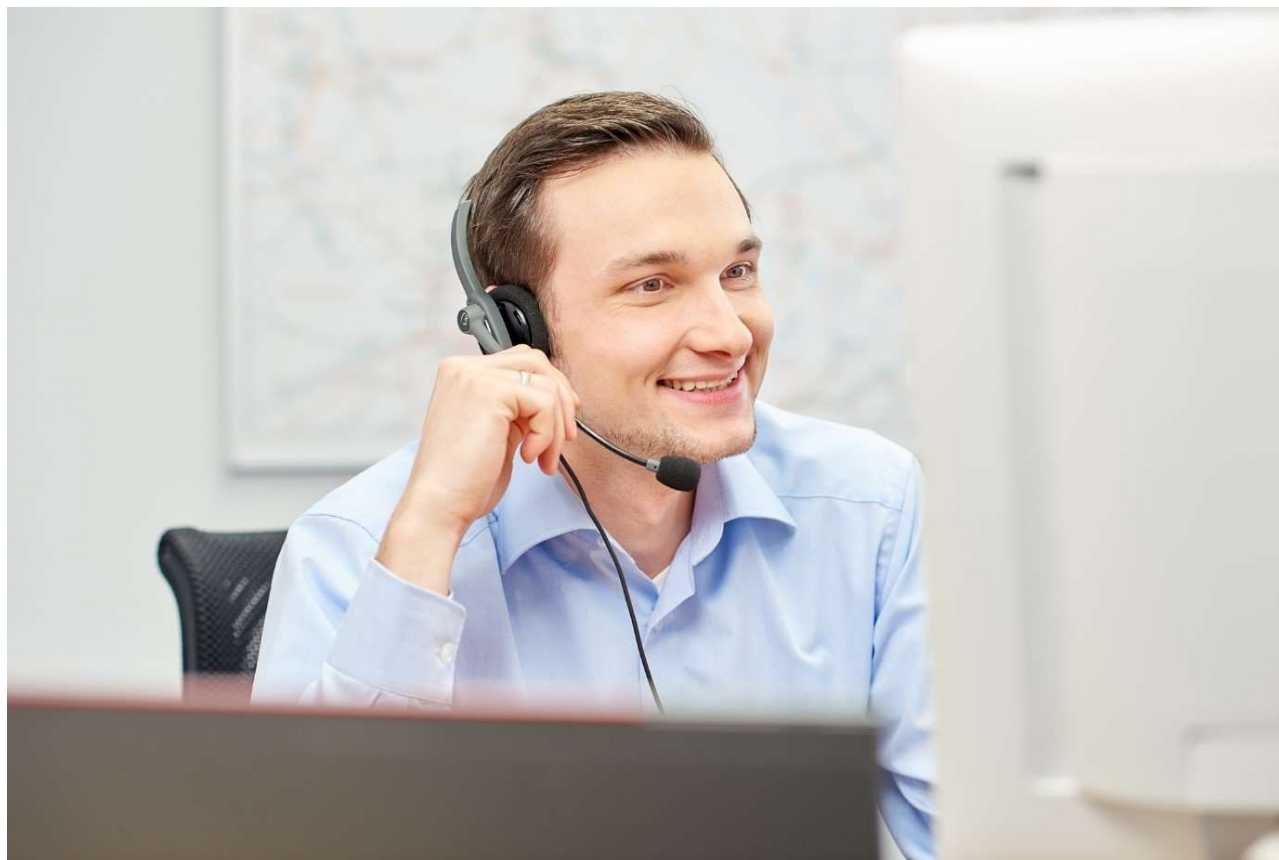
- All information (e.g. about the trade registration process and the product specifications) will be published on a dedicated website in English and Japanese
- EEX will also provide a comprehensive Questions & Answers document on that website in February

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EEX Japan Power Portal

An easy way into clearing



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EEX Japan Power Futures

Roadmap towards a successful launch



EEX Japan Power Futures

When does it start?


Monday 18th May 2020


EEX Japan Power Futures


Next steps





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EEX Japan Power Futures

Questions & Answers



Thank you
 ありがとうございます



EEX Reception

We hope you can join us
 at our EEX Japan Power
 Reception at 6:30pm