



COGEN Czech extends a cordial invitation to

COGENERATION DAYS 2014

14 and 15 October 2014 Aquapalace Hotel Prague, Čestlice u Prahy, Czech Republic

15
VÝROČÍ



Combined heat and power generation (cogeneration) is a highly efficient method of energy conversion, and it conclusively brings energy savings that also help to reduce carbon oxide emissions into the air. In spite of that, the conditions for continued development of cogeneration are actually deteriorating. The main reason is the progressive decline in market prices for electrical energy. This decline is so significant now that a risk of shortfalls in stable generating capacities with controllable output and the stability of electricity supply are now being discussed. Apparently, the energy market will gradually change.

The requirements of the energy efficiency directive and the results of the notification procedure concerning the system of support for promoted energy sources have been reflected in an amendment to the Czech Republic's Energy Act and Promoted Energy Sources Act.

Directive 2012/27/EU also requires a comprehensive assessment of the potential for high efficiency cogeneration and district heating and cooling. Member States shall carry out and notify to the Commission this comprehensive assessment by the end of 2015.

The various energy systems and markets are gradually being integrated between the EU countries. Steps are also being prepared to harmonise technical requirements. This year is expected to see the completion of the Network Code for Requirements for Grid Connection Applicable to all Generators, which specifies the requirements on energy generating capacities.

High efficiency combined heat and power generation is not tied to fossil fuels only; renewable energy sources are increasingly becoming part of cogeneration. This is a logical development, since the primary energy of all fuels should be used efficiently regardless of their origin.

COGEN Czech has invited experts involved in the preparation of the documents and conditions having a bearing on the segment of high efficiency combined heat and power generation, and also specialists who have gained experience with new technologies, to the COGENERATION DAYS.

This year's seventh COGENERATION DAYS are held in the year marking the 15th anniversary of the COGEN Czech Association.

General partners



Main partners



Media partners



15
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14 October 2014

8:30 Registration

9:30 – 11:00

Conference opening

Keynote paper

Josef Jeleček, Tomáš Bičák, COGEN Czech

Cogeneration and the European 2030 climate and energy package

Fiona Riddoch, COGEN Europe

The major EU legislation changes for CHP 2014-2020?

Arnaud Duvielguerbigny, COGEN Europe

11:00 – 11:30 Coffee break

11:30 – 12:50

CHP in 2014 and factors influencing its future development

René Naděla, Energy Regulatory Office, Czech Republic

Action Plan for Smart Grids

Ladislav Havel, Ministry of Industry and Trade, Czech Republic

Mathematical modelling and optimisation of CHP systems for Turkish hospitals

Ozay Kas, Arke Energy Systems, Turkey

MHI'S Distributed Power Solution

Rob Schellekens, MITSUBISHI Turbocharger and Engine Europe b.v.

12:50 – 13:50 Lunch

13:50 – 15:15

Network Code for Requirements for Grid Connection Applicable to all Generators

Martin Pistora, ČEPS a.s.

CHP potential, outcomes of a study

A speaker from Euroenergy, spol. s r.o.

Preparing the new electricity market model

Jiří Feist, EP Energy, a.s.

15:15 – 15:45 Coffee break

15:45 – 17:00

Panel discussion: Future of the electricity industry from the investors' perspective

Jiří Feist, EP Energy, a.s.; Martin Hájek, TSCR; Petr Kristek, E.ON Trend, s.r.o.;

Petr Štulc, ČEZ a.s.; František Švrček, Dalkia Česká republika, a.s.

18:00 – 22:00 Social gathering



15
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9:30 – 10:50

CHP and efficiency increase using Operational Programme Enterprise and Innovation for Competitiveness for 2014 to 2020

Milan Kyselák, Ministry of Industry and Trade

Cogeneration from a bank's perspective

Lukáš Jůza, Stanislav Průcha, KB, a.s.

Practical experience with operating equipment for energy storage in hydrogen

Aleš Doucek, ÚJV Řež, a.s.

Wood gas and synthesis gas cogeneration units

Pavel Omelka, BOSS Engineering spol. s r.o.

10:50 – 11:20 Coffee break

11:20 – 12:40

Using slow thermal decomposition for cogeneration

Marek Beneš, HEDVIGA GROUP, a.s.

Energy (un)certainties, realistic options for energy generation from conventional and renewable sources and their limits

Pavel Noskievič, VŠB Ostrava

Development of natural gas engines

Stanislav Chládek, Zeppelin CZ s.r.o.

Using heat from the Čáslavice biogas plant

Ladislav Trojan, ZOD Čáslavice

Conference closing, lunch



15
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Organisation

Registration fee applications received **by 15 September** **by 10 October**

- Participation on both days **CZK 6,000** (CZK 7,260 incl. VAT) **CZK 7,000** (CZK 8,470 incl. VAT)
COGEN Czech member **CZK 4,000** (CZK 4,840 incl. VAT) **CZK 5,000** (CZK 6,050 incl. VAT)
- On day two only **CZK 2,000** (CZK 2,420 incl. VAT) **CZK 3,000** (CZK 3,630 incl. VAT)
COGEN Czech member **CZK 1,200** (CZK 1,452 incl. VAT) **CZK 1,700** (CZK 2,057 incl. VAT)

Discounted fee **CZK 500** (CZK 605 incl. VAT)

Delegates of academic institutions (teachers, graduate students, doctoral students); Only a limited number, please send nominations to COGEN Czech, Mrs Olga Solaříková, solarikova@cogen.cz

Registration fees must be paid in advance. The invoice will be rendered within 15 days from the conference. Please remit the registration fee together with sending the registration form, but no later than by 10 October 2014.

Bank: Česká spořitelna, Rytířská 29, 110 00 Praha 1
Acc. no.: 1933601339, sort code 0800,
payment identification number ['variable symbol'] 14151014
Advice for payee ['zpráva pro příjemce']: Conference participant's name
'Specific symbol': your company's / organisation's Company No. / Reg. No.

Payments from abroad:
IBAN: CZ21 0800 0000 0019 3360 1339, SWIFT: GIBACZPX
Bank: Česká spořitelna Rytířská 29, 100 00 Praha 1
Acc. no. 1933601339, sort code 0800,
payment identification number ['variable symbol'] 14151014

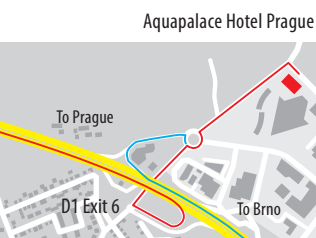
Organiser's address: COGEN Czech, Lužná 716/2, 160 00 Praha, Czech Republic

Accommodation: Aquapalace Hotel Prague, Pražská 137, 251 01 Čestlice, tel.: 225 108 888, fax: 225 108 999, www.aquapalacehotel.cz

Accommodation is not included in the registration fee.
Please fill in the hotel's room booking form (attached) and send it to reservation.mgr@aquapalacehotel.cz by 15 September 2014.

Conference services, acceptance of conference registration forms:
COGEN Czech PR & Administration, Lužná 716/2, 160 00 Praha 6, Czech Republic
Olga Solaříková, tel.: 257 327 641, 602 650 914, solarikova@cogen.cz

The conference registration form is available at www.cogen.cz



The conference languages are Czech/Slovak and English.
Simultaneous interpreting will be provided on 14 October 2014, the first day only.