



**3<sup>rd</sup> Technical Conference**  
**„Implementation of power units with supercritical parameters”**  
25-27 November 2015  
Kazimierz Dolny („Król Kazimierz” Hotel) - Koziencice Power Station (Świerże Górne)

**Framework Programme\***  
**Day 1 - 25.11.2015, Kazimierz Dolny („Król Kazimierz” Hotel)**

15.00-17.00 Registration at the Conference Office  
15.00-16.30 Lunch

**16.45 Official opening; presentation of the Conference programme and objectives (evening wear)**

- Dorota Kubek, Mariusz Marchwiak, „Nowa Energia” Publishing House
- Mieczysław Borowski, President, Urząd Dozoru Technicznego [the Office of Technical Inspection]
- Piotr Andrusiewicz, Vice-President of the Board for Technical Issues, ENEA Wytwarzanie Sp. z o.o.

**Conference / Debate Moderator:** Prof. Wojciech Nowak, Ph.D., D.Sc. Eng., Director of the Energy Centre, AGH University of Science and Technology, Kraków

**17.00-19.00 DEBATE - Discussion Panel with the participation of invited guests**

**-Polish efforts in the field of the energy sector innovation - Prof. Wojciech Nowak, Ph.D., D.Sc. Eng., Director of the Energy Centre, AGH University of Science and Technology, Kraków**

**Speakers in the debate (in alphabetical order):**

- Piotr Andrusiewicz, Vice-President of the Board for Technical Issues, ENEA Wytwarzanie Sp. z o.o.
- Mieczysław Borowski, President, Urząd Dozoru Technicznego [the Office of Technical Inspection]
- Krzysztof Burek, Vice-President of the Board, Sales Director, RAFAKO S.A.
- Prof. Tadeusz Chmielniak, Ph.D., D.Sc. Eng., Institute of Power Machinery, Politechnika Śląska [Silesian University of Technology]
- Albert Kępka, President of the Board, CEO, TAURON Wytwarzanie SA
- Prof. Marek Pronobis, Ph.D., D.Sc. Eng., Institute of Power Machinery, Politechnika Śląska [Silesian University of Technology]
- Wiesław Mariusz Różacki, Director, Mitsubishi Hitachi Power Systems Europe GmbH
- Grzegorz Szastok, Commercial Director - Member of the Board, Amec Foster Wheeler Energia Polska Sp. z o.o.

**Topics to be discussed:** the future of the Polish energy sector; the road map for the energy sector until 2050 (decarbonisation); new challenges in the field of environmental protection - emissions of mercury, NO<sub>x</sub>, dust, furnace waste treatment, opportunities and threats related to EU's climate policy; BAT conclusions; safety of technologies and materials used in units with supercritical and ultra-supercritical parameters; challenges for investors in the implementation of supercritical units.

19.15-20.15 Gala dinner

20.15-01.00 Competition organized by the Gala Evening sponsor, and artistic performance; disco at the Night Club



**Sponsor wieczoru**

**Day 2 - 26.11.2015 - Kazimierz Dolny („Król Kazimierz” Hotel)**

8.00-9.30 Breakfast at the hotel

**10.00-12.00 PANEL 1**

**-Thermal flexibility of high-capacity power plants, and the possibilities of its increase - Prof. Tadeusz Chmielniak, Ph.D., Dr.Sc. Eng., Institute of Power Machinery, Politechnika Śląska [Silesian University of Technology]**

**- Ultra-supercritical coal-fired boilers – Dr. Bjoern Henning, Mitsubishi Hitachi Power Systems Europe GmbH**

**-Current problems in the field of construction and operation of boilers - Prof. Marek Pronobis, Ph.D., Dr.Sc. Eng., Institute of Power Machinery, Politechnika Śląska [Silesian University of Technology]**

**-Residual life of T91/TP347HFG dissimilar welded joint after 105 000 h Service – M.Sc. Eng. Paweł Urbańczyk, Urząd Dozoru Technicznego [the Office of Technical Inspection], Division in Dąbrowa Górnicza; Dr. Sc. Eng. Adam Zieliński, Dr. Sc. Eng. Janusz Dobrzański. Prof. at Instytut Metalurgii Żelaza [Institute for Ferrous Metallurgy], Gliwice; Dr. Sc. Eng. Grzegorz Golański, Prof. at Politechnika Częstochowska [Częstochowa University of Technology]**

12.00-12.30 Break: talks and exchange of experience

## 12.30-14.30 PANEL 2

- **Progress of the construction of the new 910 MW unit in Jaworzno power plant** - *Eugeniusz Białoń, Director, Investment Projects Department, TAURON Wytwarzanie S.A.*

- **Power generation technology based on supercritical units - current status of Jaworzno 910 MW Unit construction**  
- *Krzysztof Burek, Vice-President of the Board, Sales Director, Edward Kasprzak, Vice-President of the Board, Technical Director, RAFAKO S.A.*

- **Selected technological challenges related to large combustion sources, arising from BAT conclusions applicable to LCPs** - *Wojciech Orzeszek, Head of the Environmental Protection Department, Energoprojekt Warszawa S.A.*

- **Amec Foster Wheeler Super Critical Utility Steam Generators & Samcheok 4x550 MWe CFB** - *Timo Jantti, VP Global Technology, Amec Foster Wheeler*

14.30-15.30 Lunch

## 15.30-17.00 PANEL 3

- **Participation of "Energoprojekt-Katowice" S.A. in investment projects in the Polish energy market** - *Maciej Wesółowski, Chief Designer, ENERGOPROJEKT - KATOWICE S.A.*

- **Software systems for building models of power processes: dynamic and steady states** - *Stanisław Borawski, Sales Director, Fortum Power and Heat Polska Sp. z o.o.*

- **Non-destructive testing** - *Tomasz Gawroński, President of the Board, Energomontaż Północ - Technika Spawalnicza i Laboratorium Sp. z o.o.*

- **REXA Electraulic (TM) in critical applications of turbine and boiler control** - *Szymon Kabus, Sales and Procurement Specialist, Arnap Sp. z o.o.*

17.00-17.30 Break: talks and exchange of experience

## 17.30-19.00 PANEL 4

- **New technical solutions implemented in newly built power plants** - *Eligiusz Hasiak, Marketing and Sales Director, Transformers Department; Paweł Fukiet, Domestic Sales Director, High Voltage Products, ABB Sp. z o.o.*

- **Company Profile: PBW Hydro-Pomp - modernization of selected water pumps in power plants** - *Prof. Andrzej Błaszczuk, Project Implementation Adviser to the Board, Przedsiębiorstwo Badawczo-Wdrożeniowe HYDRO-POMP Sp. z o.o.*

- **Continuous emission monitoring systems upgrade forced by changes in the law** - *Marek Grzesiuk, Head of the Process and Environmental Measurements Department, OMC ENVAG Sp. z o.o.*

- **Ultra-pure water in the power and energy sector - EPC Contractor experiences from the first installation in Poland**  
- *Sławomir Micor, Director, Power Industry Department, Seen Technologie Sp. z o.o.*

20.00- 24.00 Social dinner, bowling and billiards

## **Day 3 - 27.11.2014 - Koziernice Power Station (Świerże Górne)**

8.00-9.30 Breakfast at the hotel/ checkout from the hotel

9.45 Travel to the Koziernice Power Station (by own transport)

## 11.00-12.30 PANEL 5

- **Increasing the efficiency and flexibility of ultra-supercritical units by including a gas-fuelled module** - *Wiesław Mariusz Różacki, CEO, Mitsubishi Hitachi Power Systems Europe GmbH*

- **Advancement and next stages of the construction of the new 1075 MW unit in Koziernice** - *Marek Różycki, Deputy Director for the unit construction, ENEA Wytwarzanie Sp. z o.o.*

- **BAT conclusions vs. the new unit in Koziernice** - *Mirosław Kowalczyk, Head of the Environmental Protection Department, ENEA Wytwarzanie Sp. z o.o.*

12.45 Technical visit to the Koziernice Power Station  
about 14.00 Lunch (within the Power Station premises)

\*The programme may be modified by the Organiser

Partner Główny:



Partnerzy:



Współpraca:



Organizator:



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