Optimising power plant operational capabilities whilst facing growing demand for flexible operations in a liberalised electricity market

- Learn how to optimise the operational flexibility of your power plant through real-life case studies
- Improve your overall maintenance management strategies
- Learn about the latest improvements in reduction of creep fatigue of components
- Keep up to speed with the changes in the European Energy Market that will affect you
- Assess new developments in plant flexibility technology
- Benefit from hearing about cost reduction in flexible generation

Interactive half day workshop:
Through-Life Performance Optimisation of Power Plants

Led by:
Martin Larsen
Managing Director
EPConsult Energies

Key Speakers Include:
- Pablo Argüelles Tuñón
  Director of Economic and Technical Regulatory Department
  HC Energia
- Dr. Mirko Bader
  Material Expert
  E.ON Anlagenservice
- Ron Eskdale
  Engineering Manager
  RWE Npower
- Michele Moroni
  Service Fleet Engineer
  Ansaldo Energia
- Cecilia Hellner
  Head of European Affairs
  Vattenfall
- Swift Tarbell
  Area Director, Europe
  Pratt & Whitney Power Systems
- Tony Lyon
  Generation Manager, South Humber Power Station
  Centrica Energy
- Giancarlo Benelli
  Head of Technology Scouting, Engineering and Innovation
  Enel
- Jasper Hyde
  Gas Platform Director
  Alstom Thermal Service

Event Sponsors

Media Partners and Associations
Keep up to date with new developments towards improving operational flexibility of fossil fired power plants in a challenging environment.

Renewable sources are on the brink of a boom, with the majority of new installations being solar and wind, i.e. non-dispatchable plants. This increases the need for flexibility and back-up resources in other parts of the power system.

Although several ways of enhancing flexibility exist, flexible power plants, in particular plants that are already operational, must provide the needed flexible back-up in the short term, with other flexibility measures coming into play at a later stage.

Furthermore, high operational flexibility is an essential prerequisite to ensure economic success in a liberalised market. Coping with power ramps will become increasingly relevant. Demand has always been variable and flexibility requirements have thus always existed. However, power ramps are adding a new dimension on top of the traditionally variable electricity demand, thereby introducing a step-change in the way the electrical systems are operated.

This industry-led, technical conference will cover the current and most pressing issues that all power operators face within the changing power market in Europe. With its unique and highly interactive format it will look at new developments in reducing wear and tear of components caused by flexible operation, as well as equipment lifespan and maintenance, together with strategies to cut down maintenance costs. The conference will also feature new technologies for enhanced power plant flexibility and in depth analysis of the European energy market.

Who you will meet

Meet Heads of, Directors, Managers and senior decision makers in the following areas from some of Europe’s leading utilities and power plants:

- Power Generation
- Technology
- Energy Policy
- Research and Innovation
- Power Plant
- Production
- Maintenance
- Engineering
- Optimisation
- Materials
- Asset Management

Created by the industry for the industry

All of our events are shaped by a specialist Advisory Board created specifically for each conference. These are compiled of some of the most innovative and authoritative figures in the market. The use of the Advisory Board comes after many months of desk research and it serves to vet the agenda and inject an extra level of quality. This helps us to produce an intellectually and commercially compelling product.

This Power Plant Flexibility conference was shaped with the help of several one-to-one meetings with top players in the industry, who contributed with ideas, feedback, constructive criticism and most of all, topic knowledge compelling product.

Among them, representatives of:

E.ON Värmekraft Sverige, ESB International, EDP, Endesa, EON Anlagen Service, Centrica Energy, Essent, University of Padova, GDF Suez, Metso, EDF Energy, HC Energia, Technical University of Liberec, IEA Clean Coal Centre, Universitaet Berlin, EDP, Lathi Energia Ltd., E.ON UK, Intergen, RWE Power RG, Siemens....
Our leading panel of speakers:

- Dr. Mirko Bader
  Material Expert
  EON Anlagenservice

- Tony Lyon
  Generation Manager, South Humber Power Station
  Centrica Energy

- Dr. Anna Stoppato
  Assistant Professor of Cogeneration and Combined Plants
  University of Padova

- Dr. Giovanna Cavazzini
  Assistant Professor of Energy Conversion Fluid Machines
  University of Padova

- Ron Eskdale
  Engineering Manager
  RWE Npower

- Tobias Schmid
  Researcher, Research Center for Energy Economics
  FIE

- Pablo Argüelles Tuñón
  Director of Economic and Technical Regulatory Department
  HC Energia

- Bogdan Janicki
  Senior Advisor
  CEEP

- Ronald Janzee
  Technical expert rotating equipment
  GDF Suez Energie

- Cecilia Hellner
  Head of European Affairs
  Vattenfall

- Michele Moroni
  Service Fleet Engineer
  Ansaldo Energia

- Senior Representative
  O&M Department, International Operations
  ESB International

- Peter Szenasy
  Director, Investment Division
  CEZ

- Arlie “Russ” Martin
  Manager – Economic Valuation
  Thermal Product Marketing
  GE Energy

- Patrick Clerens
  Secretary General
  EPPSA

- Jos Oosting
  Senior Mechanical Engineer
  Essent (subject to confirmation)

- Giancarlo Benelli
  Head of Technology Scouting, Engineering and Innovation
  Enel

- Jasper Hyde
  Gas Platform Director
  Alstom Thermal Service

- Swift Tarbell
  Area Director, Europe
  Pratt & Whitney Power Systems

- Martin Larsen
  Managing Director
  EPConsult Energies

Key features and advantages of attending include:

- The leading European forum to showcase and benchmark best practice against top power utility firms in the region

- Specialised high-level technical and operational content dedicated to the challenges and opportunities linked to flexibility, efficiency and plant optimisation

- Targeted event for the power sector, covering all the main issues and challenges related to Operational Flexibility of power plants

- Creative format designed to strengthen interaction: practical case studies, key note addresses, roundtable discussions, hand-on workshops and breakout sessions

- Structured networking time designed to foster inter-industry communication and knowledge sharing
Conference Day One  Wednesday 13 March

08.30  Registration and Refreshments
08.50  Chairpersons’ Welcome and Introduction

THE EUROPEAN POWER MARKET: IMPACT OF IED ON FLEXIBILITY

09.00  Opening Address: Evaluating the Impact of the Industrial Emissions Directive (IED) on Old Power Plants
      • Decreasing profitability and related lack of investments in flexible thermal plants
      • Coal fired plants: an uncertain future?
      • The role of gas plants in CO2 reduction strategies
      • Assessing the costs of emission control systems
      Patrick Clerens, Secretary General, EPPSA

09.35  A Cross-border Analysis of the European Energy Market
      • The need for continuous investment into European grid infrastructure
      • The effects of cross-border energy trading on market prices
      • Defining the goals of the power market
      • Combining a European electricity market and a global carbon market with national support systems for RES-E
      Cecilia Hellner, Head of European Affairs, Vattenfall

OPTIMISATION AND UPGRADEING OF EXISTING POWER PLANTS

10.10  The Challenges and Potential Solutions for Enhancing Flexibility of Fossil Fuel Power Plants
      • Scenarios with increased renewables on grids
      • Reducing minimum loads of fossil fuelled power plants
      • Minimising time of startups and stops of fossil power plants
      • New combustion process to enhance fuel and load flexibility
      Dr. Giancarlo Benelli, Head of Technology Scouting, Engineering and Innovation, Enel

10.45  Morning Refreshments and Coffee Break

11.15  Be on Track with Flexibility: a Case Study of Upgrades Evolution through Market Changes
      • From 2k to 2x10: fleet configuration and market evolution
      • Key drivers for flexible operation
      • Maintenance and upgrading strategy: a way to reduce outage time and increase operational flexibility
      • Collaboration and development: continuous improvement and customer partnership
      Michele Moroni, Service Fleet Engineer, Ansaldo Energia

11.50  Case Study: Flexibility – New Sights from Old Habits
      • Installing fast cooling system to optimise the old steam turbines
      • Appropriating the new steam turbines to the flexible needs of a power plant operator
      • Pre-heating the steam turbines for a quick starting time and higher ramp rates
      • Decreasing the maintenance costs and increasing reliability through implementation of the off-line vibration measurement
      Ronald Janzee, Technical Expert Rotating Equipment, GDF Suez Energie

12.25  Steam Plant Case Study: Improve Flexibility, Equipment Technology Roadmaps to Maxmise Flexibility Improvements within Planned Outages
      • Low load, ramp rate, peak power
      • Reducing lifetime consumption (examples boiler, steam turbine)
      • Roadmaps: what can be done within planned outages
      Speaker Confirmed, Alstom Thermal Service

12.55  Luncheon
13.55  Coffee and Networking
14.20  Current and Future Opportunities for Flexible Operations of Coal-fired Power Plants
      • Reducing start-up losses and limiting damage due to cycling
      • Decreasing the stable minimum load of operation
      • Burning coal at higher temperatures and pressures in USC plants
      Jos Oosting, Senior Mechanical Engineer, Essent (subject to confirmation)

14.55  Roundtable Session: Life Cycle Value of FlexEfficiency
      Moderated by:
      Arlie “Russ” Martin, Manager – Economic Valuation, Thermal Product Marketing, GE Energy
      • Review the technical definition of FlexEfficiency®
      • Provide an interactive demonstration of lifecycle value
      • Consider varying market structures and operational profiles

Our round table sessions offer the ideal platform to engage, examine and exchange views on key industry challenges. Moderated by industry experts, these interactive sessions allow participants an opportunity for in-depth, honest discussion and learning in a small, informal setting. With the room divided in groups, hosted on tables of no more than ten, participants will deliberate on the topic above.

16.15  Afternoon Refreshments and Networking Break
16.45  The Need for Flexibility in Power Plants with CCS
      • Evaluating the need for deep reductions in emissions
      • Assessing the impact of renewable and nuclear energy
      • Establishing the market requirements for CCS power plants
      Bogdan Janicki, Senior Advisor, CEEP

17.20  Flexibility in New Built Power Plant Projects: CEZ Case Study
      • Key targets of CEZ power plant investment programme 2005 – 2015
      • Some important engineering approaches in the preparatory phase
      • Operational flexibility consequences of choices made
      • Current status of power plant construction (Tusimice, Prunerov, Ledvice, Pocerady, Egemer)
      • Lessons learnt from fossil power development/construction processes in the context of planned new built nuclear units
      Peter Szemesy, Director, Investment Division, CEZ

17.55  Panel Discussion: Technology Upgrade – a Way to Meet Flexible Market Demands
      • Competing in challenging markets through upgrades and technology innovations
      • Ensuring ongoing optimisation processes are in place across departments to identify potential for future improvements
      • Establishing strong cooperation between OEMs and power providers
      The panel will be joined by key speakers from the day

18.30  Chairperson’s Summation and End of Day One
18.40  Cocktail Reception
Conference Day Two  Thursday 14 March

08.30  Registration and Refreshments

08.50  Chairpersons’ Welcome and Introduction

MAINTENANCE REGIMES AND COSTS REDUCTION

09.00  Case Study: Evaluating Possible Ways to Reduce Costs of Flexible Generation

- Assessing the real costs of production
- Proven techniques to reduce maintenance costs associated with flexible operations
- Fossil fuelled power plants – the case study

Tony Lyon, Generation Manager, South Humber Power Station, Centrica Energy

09.35  Case Study: Minimising the Wear and Tear of the Components through Application of Effective Maintenance Processes

- Maximising flexible operation through determination of innovative practices
- Evaluating the lifetime expectancy of components to guarantee suitable maintenance practices in the future
- Assessing different modes of flexible operation in relation to the costs of maintenance

Senior Representative, O&M Department, International Operations, ESB International

Assessing the Residual Life of Plants and their Components under the Variable Load in the Liberalised Electricity Market

- Calculating and evaluating the strain of the most critical components
- Evaluating the damage caused by the stress of the load variation
- Estimating the residual lifetime and the consequences on the long term profit of the plant

Dr. Anna Stoppato, Assistant Professor of Cogeneration and Combined Plants, University of Padova

10.10  Dr. Giovanna Cavazzini, Assistant Professor of Energy Conversion Fluid Machines, University of Padova

10.45  Morning Refreshments and Networking Break

11.15  Case Study: The Detrimental Impact of Two Shifting Large Turbine Generating Plant

- Two shifting problems
- Failure mechanisms and component failures
- Strategy
- Operational practices
- Condition monitoring

Ron Eskdale, Engineering Manager, RWE Npower

11.50  Case Study: Thermal Stratification in High Pressure Piping Due To Cycling Of Fossil Fired Power Plant and Their Influence on Maintenance

- Implementing fatigue monitoring systems to assess the impact of start-ups and shut-downs in flexible operation
- Evaluating the causes of creep fatigue in a heat affected zones (HAZ) using constitutive models of creep and damage
- Applying the appropriate calculation methods to assess the creep, low-cycle and total fatigue of the components

Dr. Mirko Bader, Material Expert, EON Anlagenservice

12.25  SMART GRID AND RES INTEGRATION

12.25  Grid Regulation Service with Aero-Derivative Gas Turbines

- Non-dispatchable, intermittent renewable energy destabilises the grid
- Moment-to-moment power generation by aero-derivative GTs can balance the grid real time
- Fast start, quick ramp rate, unlimited cycles and small footprint provide a practical solution

Swift Tarbell, Area Director, Europe, Pratt & Whitney Power Systems

13.00  Luncheon

14.00  Coffee and Networking

14.20  Case Study: Future Load Profiles Due to RES Integration: a CCGT Plant Case

- RES increased capacity in Europe by 2020
- Management of RES intermittency
- Spanish electricity market conditions for CCPP
- CCGT's providing additional flexibility to the system

Pablo Argüelles Tuñón, Director of Economic and Technical Regulatory Department, HC Energia


- Investigating the increasing share of RES in European electricity market – 2020 targets
- Accommodating the growing demand for decentralised renewable energy production
- Addressing raising concerns of future investments and generation adequacy due to lower levels of expected profitability of RES in some EU markets
- Smart grid developments: practical challenges

The panel will be joined by key speakers from the day

15.30  SOLUTIONS FOR FLEXIBLE OPERATIONS OF EXISTING AND NEWLY BUILT POWER PLANTS

15.30  Gas Plants Case Studies: Improving Combined Cycle Power Plants Flexibility

- Key technology challenges (performance, emissions, lifetime and maintenance regime)
- Feedback from operating experience
- Technology alternatives and solutions

Jasper Hyde, Gas Platform Director, Alstom Thermal Service

16.05  Afternoon Refreshments and Networking Break

16.35  Boosting the Flexibility of CHP Power Plants – Integration in Future Energy Systems Including Additional Revenues

- Ways of adapting CHP plants to growing electricity demand
- Integrating the high-temperature thermal storage facility into the power plant process
- Investigating the influence of thermal storage unit on operational behaviour of CHP plant

Tobias Schmid, Researcher, Research Center for Energy Economics, FIE

17.10  Roundtable Session: The Problem of Flexibility in Europe - Is it due to Individual Governments’ Permeation to Favour New Renewable Plants Construction?

- Our round table sessions offer the ideal platform to engage, examine and exchange views on key industry challenges. Moderated by industry experts and with the room divided in groups, hosted on tables of no more than ten, participants will deliberate on the topic highlighted above.

18.10  Chairperson’s Summation and End of Conference
Conference Day Three  Friday 15 March

Half-Day Interactive Users’ Workshop

Through-Life Performance Optimisation of Power Plants

08.30  Registration and Refreshments

09.00  External Parameters
- Developing a structured guideline, given the current market and policies
- Interfaces with third party power generation
- Policies, technologies and political agenda

Internal Subjects
- Operations and maintenance considerations
- Asset life performance

10.30  Morning Coffee and Networking Break

- Upgrading versus revamping
- Tweaking management systems

Bringing it Together
- Opportunities and risk management
- Operational and capital costs, investment, funding and economics

The Workshop will be Led by:
Martin Larsen, Managing Director, EPConsult Energies

Martin Larsen is the founder and Managing Director of EPConsult Energies. Martin started his career in the energy sector in 1990 after having graduated with an MSc in Structural Engineering. He began his energy industry experience with Bureau Veritas in Paris, developing software for marine vessel classification. He subsequently spent three years as a platform structural design engineer with Bouygues Offshore (now Saipem) working on Total and Chevron projects. In 1993 he joined Shell International, stationed in the Netherlands, the UK, the Middle East and the Philippines, working on energy projects in roles spanning conceptual engineering, integrity management and project delivery. With EPConsult Energies, Martin is responsible for leading the consultancy practice, which has exposed him to international energy projects in oil, gas, power generation and renewable projects. He is currently part of a team studying how to optimise power-supply utilisation between thermal power plants and wind-power. Martin has supplemented his energy industry qualifications with executive management training from INSEAD.

EPConsult Energies

EPConsult Energies is an independent energy consultancy business with expertise in oil, gas, power and renewables. The organisation comprises an agile, innovative team of energy specialists with significant experience in the energy industry. The mission of the company is to solve complex energy challenges through development of optimum solutions for the top players in the industry. EPConsult Energies is particularly experienced in conceptual engineering selection, in managing risks and operability, and in optimisation of asset integrity management.
Advisory Board: The Advisory Board is made of industry leaders from infrastructure managers and operators. They ensure that the content is customer led and independent. The addition of suppliers, associations and media means that all perspectives are considered. The Advisory Board meets once a year to develop the event and ensures that the agenda remains at the cutting edge.

Agenda: In conjunction with our Advisory Board we undertake extensive phone and face-to-face research with key stakeholders and subject matter experts. This constant contact with the industry enables us to deliver in-depth technical and operational content that addresses the industry’s specific strategic and commercial needs – needs that cannot be tackled in the context of a broad based event.

Structure: Our highly focused conference agendas feature the industry’s most respected senior managers, technical specialists and project leaders from infrastructure managers, operators and suppliers. Our speakers bring extensive technical and operational expertise. Case studies, featuring only the most relevant industry projects, are followed by panels that offer a platform for in-depth discussion amongst representatives from all relevant parties.

In addition, our roundtable sessions offer the ideal platform to engage, examine and exchange views on key industry challenges. Moderated by industry experts, these interactive sessions allow participants a unique opportunity for in depth honest discussion and learning in a small, informal and confidential setting. With the room divided in groups, hosted on tables of no more than ten, participants will deliberate on some of the most controversial and beneficial topics of the moment.

Interaction: Delegates sit in an open round table format to maximise information sharing. We restrict the use of slide-show presentations and favour participant involvement through multiple panel and plenary sessions. These focus on specific topics and are all led by specialist facilitators. Hands-on technical workshops and site visits offer attendees the chance for in-depth interactive discussions on the topics that matter most to their business.

Outcomes: Our events provide ideal forums for discussion amongst some of the key players from the power generation industry. Key topics are always addressed by senior experts and attendees invariably leave with valuable insights that make a real difference to their business.

Venue Details:

EventfulPower welcomes you to the InterContinental Hotel, Vienna.

With breathtaking views across the city park, this modern and elegant hotel is ideally placed to discover historic Vienna, including its many concert halls, St. Stephen’s Cathedral and Kaerntner Strasse, an exclusive shopping district. The hotel restaurant serves the finest seasonal produce and excellent Viennese pastries at an ornate, classic café.


The hotel will deal with accommodation bookings and payments. EventfulPower Ltd. Will not be held responsible should you need to cancel your reservation and are charged cancellation fees. The hotel will be able to store luggage should you arrive before the specified check-in time.

For more details about conference venues and booking options, please contact:

Francesca Grimaldi - Operations Manager
T: 0044 (0)20 8452 7268
E: francescag@eventfulpower.com
This senior level, industry-led conference brings together technical specialists from across Europe looking to find new and innovative solutions to enhance and optimise the life of power plants and its critical components under the stress caused by load variation. It is the top forum based on utilities case studies in Europe. Capitalise on this unique opportunity to demonstrate your company’s excellence in the field, as one of few solution providers allowed to speak at this event, and gain a unique advantage over your competitors!

**DEMONSTRATE THOUGHT LEADERSHIP**

We understand the numerous technological developments and new solutions being presented on the market, but do your customers? Showcase your company’s innovative solutions and approach to assist in the flexible operations of power plants via an unstreamed, interactive setting.

**RAISE BRAND AWARENESS AND INCREASE YOUR PROFILE**

From our research, operators have repeatedly highlighted the importance of forging the right relationships with service-providers to drive business forward and achieve the operational excellence they are seeking to attain. This is your opportunity to highlight your company’s brand name in front of the industry’s key stakeholders.

**BUILD NEW AND EXPAND EXISTING RELATIONSHIPS**

It is vital for your organisation to be in the right place at the right time. Power Plant Flexibility 2013 offers a unique platform for you to deliver your message, raise awareness and spend quality time with your existing and potential clients in an exclusive environment.

Position yourself as the supplier of choice and demonstrate how your organisation can deliver the answers to the industry’s most pressing problems.

To secure your sponsorship opportunity contact:

Nisha Vyas
T: +44 (0)20 3627 1362
M: +44 (0)79 6141 0017
E: nishav@eventfulpower.com

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**Media Partners and Supporters**

NRGExpert is an independent energy market intelligence and research company. We specialise in energy market research reports, energy market databases and energy market consulting as well as analysis and market forecasts. Our global energy market research reports cover the electricity, water and waste, gas, hydrogen, nuclear and the renewable energy markets. We follow the energy markets very closely and we produce a wide range of reports, databases and directories. We also answer very specific energy market information requirements with our energy market consulting and data services. Our energy market analysis and forecasts are independent and benefit from our wealth of experience and knowledge about the energy markets and extensive sources that we use. We can help you jump the gap from where you are to where you want to be. We provide information to a wide range of companies, associations, education and government bodies and organisations.

Serbia Energy Business Internet Media Service www.Serbia-Energy.com is a premium online service covering business news, opportunities and active projects from the Serbian Energy Sector, encompassing all major Serbian and foreign companies operating in this region. Information on the latest developments in the power generation industry including renewable energy project developments, regulation and market developments in hydro, solar, wind, biomass power plants as well as up to date project information re overhauls is featured on our website. Daily news services are updated twice a day with latest business developments, projects and public invitations from Serbia. Unique and daily high visibility allows us to position ourselves as a premium Information Service on Business Opportunities in Serbia. Executive Interviews of representative business community speakers adds a special market insight into market segments and success factors. Our Exec Interview speakers are forwarding lessons learned and experiences from examples of best practice.
The European Power Plant Suppliers Association (EPPSA) is the voice, at European level, of companies supplying power plants, components and services. EPPSA members, located throughout Europe, represent a leading sector of technology with more than 100,000 employees and annual revenue of over €30 billion. EPPSA actively promotes technologies for highly efficient and sustainable power generation in a carbon constrained world. EPPSA's main goal is to foster the development and the dissemination of power plant technologies. With this in mind, EPPSA seeks to promote the awareness of the positive implications of the technologies concerned. EPPSA believes increased investment in Research, Development and Demonstration is a key factor in driving EU competitiveness as well as ensuring affordable near zero emission power supplies. Virtually all power plants in the EU are built by members of EPPSA, or equipped with their components.

Assocarboni. Founded in 1897 the Association, with more than 90 member companies, is the only association representing the entire coal value chain from coal mining groups to electricity and steel producers, cement manufacturers, shipping firms, terminal operators, maritime agents, surveyors, engineering companies, boiler makers, bulk handling equipment manufacturers. With its headquarters in Rome, Italy, and with a representation in London and Brussels, on a national level the Association is a member of the Employers Association Energy Group and sits on the Board of Directors of the Fuel Experimental Station of Milan (a leading fuel research entity within the Ministry of Industry and Trade).

The international monthly magazine Modern Power Systems provides in-depth independent coverage of power plant and transmission and distribution technology. Widely read throughout the world of electricity generation, it specialises in presenting key engineering and commercial developments in an authoritative but accessible style. From advanced power plant and transmission design to repair and maintenance case studies, Modern Power Systems is unrivalled as a platform for exploring cutting edge developments in the power industry. It is sent to over 12,000 carefully targeted management and senior executives responsible for the planning, specification, purchasing or operation of power generation, distribution and transmission systems or ancillary equipment in over 120 countries worldwide. The readership of Modern Power Systems is concentrated in major energy planning and producing organisations, power supply utilities, government power planning departments and consulting / architects engineering concerns as well as industrial producers of electrical energy and users of private generating plants. Modern Power Systems has over 1100 paid subscribers - considerably higher than any other international power industry journal - a clear indication that Modern Power Systems is the magazine that power industry professionals turn to first for the information they need. Modern Power Systems is audited by BPA International offering the assurance of an independently verified, quality readership.

Since its birth in 1997, InfoPower has specialized in the coverage of news and technology about production and efficient usage of energy, positioning itself as one of the leading technical publications in the Spanish market, while achieving great international renown. InfoPower publishes 10 numbers a year, covering a wide array of subjects, from the production of energy by both conventional sources and renewable sources and, of course, solar, which is included as a special section in every issue called InfoPower Solar. Including technical articles about all these subjects as well as the latest developments in equipment, products and systems of the energy industry, along with market reports grouped by technologies and activities, InfoPower offers a unique product: our exclusive “Plant Reports”, reports of recently inaugurated plants (combined cycle plants, cogeneration plants, district heating and cooling systems, thermoelectric solar plants, wind farms and biomass plants, among others). These “Plant Reports” are a complete technical description of the plants, with exclusive colour pictures and a summary in English that constitute a unique product that other magazines of this sector don’t offer. As from the beginning of 2012, InfoPower has intensified its Latin American presence with a special section dedicated to this market and has vastly increased distribution throughout Latin American countries. To sum up, at InfoPower we work each and every month to provide the most complete and updated information about the latest advances in the energy industry, consolidating ourselves as a must-read magazine for all professionals in the sector and as a great promotional vehicle for our advertisers and collaborators.

Diezel & Gas Turbine Worldwide is dedicated to engine-room products, technologies and news associated with Power Generation, Marine Propulsion, Oil & Gas and Rail applications. It targets large diesel and gas engines and gas and steam turbines.
**DELEGATE INFORMATION**

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<tr>
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</tbody>
</table>

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**PAYMENT (PLEASE TICK PAYMENT OPTION)**

- **OPTION 1: INVOICE MY COMPANY**
  Registration fees are net of bank charges. If paying by international bank transfer, ensure that your company pays both the sender's and receiver's bank charges.

- **OPTION 2: I AM PAYING BY BANK TRANSFER**
  Registration fees are net of bank charges. If paying by international bank transfer, ensure that you pay both the sender's and receiver's bank charges.

**VAT Number**

---

**AUTHORISATION**

Authorised by: [Signature]

Date:

---

**TERMS AND CONDITIONS**

Payment

Payment must be received within 5-10 working days from the date of invoice. Registrations received within 42 days of the event must be prepaid immediately by credit card or bank transfer. Delegates who have not paid their fees in advance may be refused admission.

Substitutions / Cancellations

Any cancellations must be received in writing at least 42 days prior to the event. A cancellation fee of €300 will be payable on all cancellations received by this date. After this date, we regret that no cancellations can be accepted, and registering companies will be liable for 100% of the registration fee. A substitute delegate may be named at no extra charge.

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**REGISTRATION SELECTION**

<table>
<thead>
<tr>
<th>POWER UTILITY</th>
<th>SUPPLIER</th>
<th>2 DAYS</th>
<th>3 DAYS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tr>
</tbody>
</table>

**CONFERENCE PROCEEDINGS**

<table>
<thead>
<tr>
<th></th>
<th>2 DAYS</th>
<th>3 DAYS</th>
<th>4 DAYS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>€ 340.00</td>
<td>€ 360.00</td>
<td>€ 400.00</td>
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</table>

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**REGISTRATION FEE**

<table>
<thead>
<tr>
<th>POWER UTILITIES/PLANTS/PPPs</th>
<th>15% BEFORE 18TH JAN 2013</th>
<th>10% BEFORE 14TH FEB 2013</th>
<th>STANDARD</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 days</td>
<td>€ 1,699.00</td>
<td>€ 1,800.00</td>
<td>€ 1,999.00</td>
</tr>
<tr>
<td>3 days</td>
<td>€ 2,210.00</td>
<td>€ 2,340.00</td>
<td>€ 2,599.00</td>
</tr>
<tr>
<td>w/shop only</td>
<td>€ 595.00</td>
<td>€ 630.00</td>
<td>€ 700.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SOLUTION/SERVICE PROVIDERS</th>
<th>15% BEFORE 18TH JAN 2013</th>
<th>10% BEFORE 14TH FEB 2013</th>
<th>STANDARD</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 days</td>
<td>€ 2,070.00</td>
<td>€ 2,192.00</td>
<td>€ 2,435.00</td>
</tr>
<tr>
<td>3 days</td>
<td>€ 2,550.00</td>
<td>€ 2,700.00</td>
<td>€ 2,999.00</td>
</tr>
<tr>
<td>w/shop only</td>
<td>€ 680.00</td>
<td>€ 720.00</td>
<td>€ 800.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ACADEMIA/ASSOCIATIONS &amp; GOVT BODIES</th>
<th>15% BEFORE 18TH JAN 2013</th>
<th>10% BEFORE 14TH FEB 2013</th>
<th>STANDARD</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 days</td>
<td>€ 905.00</td>
<td>€ 960.00</td>
<td>€ 1,065.00</td>
</tr>
<tr>
<td>3 days</td>
<td>€ 1,165.00</td>
<td>€ 1,233.00</td>
<td>€ 1,370.00</td>
</tr>
<tr>
<td>w/shop only</td>
<td>€ 425.00</td>
<td>€ 450.00</td>
<td>€ 500.00</td>
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**TOTAL COST:**