



Future of Energy Management Summit & Awards 2018

Thursday, 06th December 2018, The St. Regis, Mumbai

MAKING INDIA ENERGY EFFICIENT!



Amit Panchal MCR
Senior Vice President
Kotak Mahindra Bank



Ar. Tanmay Khare, MRICS (FMP)
Infrastructure & Svcs Head
Mahindra & Mahindra
Financial services Ltd.



Ashu Kalra
Vice President Facilities &
Infrastructure
EXL Service



Atul Tendulkar
Head – Technical & Facilities
K Raheja Corp group



Dr. Abhijit Sarkar
VP & Country Head Corporate
Real Estate Admin & Infrastructure
Sharekhan Ltd.



Dr. Yogesh D. Sonawane
Chief Manager –Energy
& Environment
Reliance



Gary Grover
Vice President Administration
HDFC Standard Life Insurance



Ranjit G Manjarekar
Vice President – Asset Management
TATA PROJECTS LIMITED



Shankar Jadhav
Managing Director
Head Strategy – BSE
BSE Investments Ltd.



Solomon Ellis
Head Maintenance & Energy
Raymond Limited



Suman Banerjee
General Manager & Head Administration
thyssenkrupp Industrial Solutions
(India) Private Limited

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India being the 6 th largest consumer of energy in the world, sees energy as the most important and essential resource for nations development. Considering it being the major challenge, in this summit, we discuss key challenges and concerns of the domain in details like:

- **Discovering the right Approach to Energy Management**
- **Keeping up with the Energy Efficiency Standards**
- **Brainstorming digitalization: A new era in energy!**
- **Cost and Power Monitoring**
- **Curating the best Energy Management Checklist**
- **Roadmap to the Benchmarks and best practices**
- **Technology to conquer**
- **Data Centers and Data Management for a Smart Energy Management System**
- **Hi Tech Future Energy Technology Demonstration**
- **PAT cycle Management**
- **Energy Audits**
- **Knowledge Quiz**
- **Awards**

Specific industries and Sectors concerned:

- Facilities and Buildings
- Manufacturing
- Plants
- Enterprise
- Residential
- Industry
- Commercial
- Transportation

Who will you meet in the conference?

- Energy Auditors
- Head Energy Management
- VP Energy Management
- Facility leaders
- Operations Leaders

With Transformance Business Media, Get inspired and gain valuable insights to arm yourself with best practices, processes and a mind-set that enables and inspires transformation for yourself and for your organisation.

Our Purpose :

For, A thank you which says, "I learnt today..."

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Conference Agenda



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08.30 Registration and morning refreshments

09.00 Ice Breakers Session

An interactive session where: Participants introduce themselves to the audience and share their expectations for the day

09.15 Chairperson's opening remarks

Conference Opening remarks by the Chair Person

09.30 Discovering the right Approach to Energy Management

The approach to Energy Management is the first and the most important discussion for the conference and for India to make India Energy Efficient.

Every organization needs to identify its ***purpose of Energy management*** and why is it so important?

In this session explore leadership and emerging thoughts on

1. Looking at Energy with a Holistic approach.
2. Energy as a vital national resource which needs to be managed well for contributing to our country's development
3. Tackling the Proactive and Reactive Gap that exists now

Ar. Tanmay Khare, Infrastructure & Services Head
Mahindra & Mahindra Financial services Ltd.

09.50 Determining where and how to do energy interventions

Solomon Ellis, Head Maintenance & Energy
Raymond Limited

10.10 Panel discussion: The Energy Company Strategy and Keeping up with Energy Efficiency Standards ISO50001

Exploring on various ***Business Models*** and how they can implement Energy Efficient models and work on their market positions.

- Understand, Accept and Change as time requires
- Making the best advantage of being an energy efficient organization to increase market value and goodwill
- Capturing Value with Energy management strategies

Standards of Energy Efficiency and management is the driving force to push organizations take care of this system.

It is the Policy Package for Energy Efficiency and solves various issues like Getting **the Prices right for Energy**, **Encouraging Innovations**, helping in information gathering and decision making

- Setting Mandatory Standards
- Fueling up the Energy Performance

Panel Moderator

Amit Panchal, Senior Vice President
Kotak Mahindra Bank

Panel Members

Ashu Kalra, Vice President Facilities & Infrastructure,
EXL Service

10.30 Golden Nuggets Deep Dive

Discovering Key learnings from the morning session

10.40 Networking and Refreshment break

11.10 Curating the best Energy Management Checklist

A checklist in place always helps manage the function in the most effective and efficient manner. Having the process set start to end helps in keeping a check on the performance and delete gaps.

Dr. Abhijit Sarkar, Vice President & Country Head Corporate Real Estate Admin & Infrastructure, **Sharekhan Ltd.**

11.30 Roadmap to Benchmarks and best practices for strategic sustainable energy management

A roadmap for strategic sustainable energy management. Keeping a check on your:

- ***People, Process, Technology & Information***
- Investing in the training of employees from operations and energy management functions
- Encourage energy efficiency and protection within the Organization and ***implement reward mechanism for those who contribute to the cause.***

11.50 Brainstorming Digitalization: A new era in energy

Digitalization as an overall solution for moving into the future has a lot of advantages or positives. The energy sector has been one of the early adopters of technologies coming from digitalization. Power utilities are the digital pioneers and recent technologies also advances on the same. In this session, discussing the digitalization technologies.

- Direct energy consumption of Digital technologies
- Building digital resilience
- Preventing cyber-attacks and data protection
- Tackling critical government policies on digitalization

Atul Tendulkar, Head Technical & Facilities,
K Raheja Corp group

12.10 Cost and Power Monitoring

Keeping a check at your ***Commercial Energy Meters*** identifying a low cost smart energy monitoring and control for smart Buildings.

- Best measures on cost savings every organization should adapt
- Installing Power monitoring Systems capturing Voltage, power, energy, etc
- Reducing Carbon footprint and Setting up periodic report generation
- Having real time data through web tech

Dr. Yogesh D. Sonawane, Chief Manager Energy & Environment
Reliance

12.30 The Energy Transition: Keys to Success

The best practices of non-technical methodologies defining keys to Success with Energy Management:

- Creating schedule ensuring the regular action on the plan
- Preventative maintenance and energy audits
- Project planning and goal setting
- Financial criteria and investment set ups allocation of budget
- ***Drafting energy policies for the organization***

Shankar Jadhav, Managing Director & Head Strategy,
BSE Investments Ltd.

13.00 Networking Lunch

Conference Agenda



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14.30 Parallel Learning Lab Session 1 Hi Tech Future Energy Technology Demonstration

In this session, **Technologies shaping the future of energy efficiency** and power management are going to be discussed and live demonstration shared.

Learning Lab Group 1 Technology for Energy Management For Datacenter

Data Centers and Data Management for a Smart Energy Management System

- The case for data center energy efficiency now
- Server efficiency
- Energy-efficient data center cooling
- Energy-efficient backup power and power distribution
- Data center efficiency metrics and measurements

Chair: Dr. Abhijit Sarkar, Vice President & Country Head Corporate Real Estate Admin & Infrastructure, **Sharekhan Ltd.**

Learning Lab Group 2 Technology for Energy Management For Commercial Buildings

- Implementing an Energy Management Program
- Technology Options: Lighting, Ventilation, Heating and Cooling, Office Equipment, Motors, and Building Automation and Control Systems.

Learning Lab Group 3 Technology for Energy Management For Plants and factories

- Innovative measures for energy management
- Adoption of effective energy management system is essential
- Cost saving ideas for manufacturing
- Understanding usage patterns
- Advanced solutions for manufacturing

Learning Lab Group 4 Technology for Energy Management For Residential Buildings

- Dealing with Limited Information and Limited Control
- Smart Electricity Metering
- Technology for advanced monitoring and maintenance
- Smart appliances and devices

Learning Lab Group 5 Technology for Energy Management For Retail and Malls

- Concern areas of Lighting, Cost saving, maintenance, productivity enhancements and comfort
- Manage resources, use of day light, and financial analysis.

Special Round table 6 Energy Audits

Guide to excel in energy audits and discussing the best practices along with do's and don'ts

15.30 Networking and refreshment break

16.00 Parallel Learning Lab Session 2 Best Practices for a Smart Energy Management System

In this session, shared learning; participants discuss their best practices on energy efficiency within their industry, what has worked, not worked and new process being thought about

Learning Lab Group 1 Best Practices Energy Management For Datacenter

- Raise awareness of efficiency opportunities
- Designing server racks keeping energy efficiency in mind
- Watts per square foot, Watts per rack
- Air Management, Power Usage Effectiveness, Cooling System Efficiency

Learning Lab Group 2 Best Practices Energy Management For Commercial Buildings

- Measure and Analyze Energy Consumption Data
- Educate Tenants on Energy Efficiency
- Perform Regular Checks on Your HVAC System
- Encourage Tenants to Power Down Office Equipment
- Monitor and Maintain Lighting Systems

Learning Lab Group 3 Best Practices Energy Management For Plants and factories

- **Monitoring:** Determining energy usage patterns and controlling energy waste
- **Motors, pumps and fans:** Upgrading old systems with more efficient drive technology
- **Lighting:** Correcting over-illumination and minimizing lighting use during low occupancy hours
- **Power correction:** Using power factor correction and voltage optimization to reduce oversupply and improve power quality

Learning Lab Group 4 Best Practices Energy Management For Residential Buildings

- Best Home Ventilation Practices
- Monitoring the most important aspects: Space heating, Cooling, Water heating, Appliances, Lighting

Learning Lab Group 5 Best Practices Energy Management For Retail and Malls

- LED Lighting, Elevators and Air conditioners efficiency
- Cost Savings
- Resource Management

Special Round table 6 Energy Audits

Checklist for Effective auditing considering the big picture and the bottom line organization objectives

17.00 Close of Future of Energy Management Summit

17.10 Future of Energy Efficiency Awards 2018

1. Making India Energy Efficient for the year 2018
2. Best Tech Award Supporting Energy Efficiency 2018
3. Best Energy Efficient Data Center Provider 2018
4. Most Sustainable and Environment friendly organization of the year 2018



REGISTRATION FORM



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LOCATION AND DATE

**Future of Energy Management
Summit & Awards 2018**

Wednesday 06th December, Mumbai
The St. Regis, Mumbai

www.futureenergy.co.in

CONTACT INFORMATION

Denzil Jennings

Head - Delegate Engagement,

Email: denzil@transformanceforums.com

Phone: +91 8291586721

Mail this completed form together with payment to

TRANSFORMANCE FORUMS

409 - Level 4, SPACES 912, Above Brand Factory,
Pleasant Park, Mira Road East Thane - 401107.

Indian Delegates:

| Early Bird Rates | Till 07 th October | Till 07 th November | Standard Rate |
|---|---------------------------------|---------------------------------|---------------------------------|
| Amount in INR | <input type="checkbox"/> 10,000 | <input type="checkbox"/> 12,500 | <input type="checkbox"/> 15,000 |
| Conference + Nominations Fees | <input type="checkbox"/> 15,000 | <input type="checkbox"/> 17,500 | <input type="checkbox"/> 20,000 |
| Group discounts available (The group discounts compound on top of the early-bird discounts) *Prices are in INR. Additional tax of 18% GST is applicable. | | | Your GST No |
| | | | |

All payments must be received prior to the event date

Attire: Formal Business Attire

Date: 06th December, 2018

Time: 08:30 am - 05:30pm

General Information: The fees cover participation at the event, lunch, tea breaks and certificate of participation.

Confirmation Details: Joining details confirming your participation and invoice will be sent, once registration form has been received. Payments to be made within 5 working days of receiving the invoice

Hotel Bookings: For hotel bookings, please contact the Reservations department directly and quote Transformance Forums to take advantage of the corporate rate.

Cancellations: Once registration form is received; participation can't be cancelled. Cancellations carry a 100% liability and course materials will be emailed to you. However substitutions of delegates are welcome any time before the conference date

Company Information

Company Name :

Address :

Main Business/Activity :

Postal Code :



**Authorising
Signature & Stamp**

Delegate Details 1

Name:

Organization:

Mobile: Designation:

Email:

Delegate Details 2

Name:

Organization:

Mobile: Designation:

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Delegate Details 3

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