

PRESENTING THE 16TH ANNUAL ARC WORLD INDUSTRY FORUM  
**Transforming Industry through New Processes and Technologies**

FEBRUARY 6-9, 2012 • ORLANDO, FLORIDA

## Operational Excellence for Power Generation

Power generation faces intense challenges today. While renewable sources of power are expanding, the vast majority of generation still comes from decades-old thermal power plants. In many cases these plants have been updated with emission controls, cyber security, advanced unit controls, optimization systems, and advanced information systems



that improve thermal and environmental performance, but increase operational complexity. Furthermore, many older plants now cycle more often and are operated by staffs that are both smaller

and have less experience than in times past. Finally, economic conditions greatly limit the capital available to fund plant improvements.

Yet operational improvements are demanded. Best practices in the past were too often assured by the deep expertise of experienced staffs. With staff size and experience level greatly reduced, significant improvements in operating practices are needed even more. While the traditional plant metrics such as availability remain in focus, at the same time plant owner-operators need to manage the lifecycles of aging mechanical and automation assets so that their firms realize the value of these older – but still critical – plant assets.



The Operational Excellence for Power Generation Program at ARC's World Industry Forum will highlight best practices of leaders in today's power generation industry, and explore technologies and solutions that enable future improvement.

## FEATURED SESSIONS

### Asset Lifecycle Management for Power Sector

Power generation is perhaps the most capital-intensive of industries. Yet generators find their human resources stretched thin. This session will focus on utilities that are leaders in managing the health of their assets through advanced diagnostics, support centers of excellence, and deep knowledge of the assets they deploy.

### Security and Access Control for Industry

Physical security and access control are an important consideration today in the Internet-enabled industrial world. Increasingly, government initiatives and tightening of regulations that mandate increases in security for plants, efficiency, and safety are all factors in determining the best strategy for your facility.

This session provides insight into the latest trends and technologies for access control systems in manufacturing plants. Participants will learn about strategies for successful system implementation and optimization. Since the results of implementing security and access control inevitably have an impact on production systems, this session is designed for leaders in operations-oriented systems.

### Cyber Security Workshops

The first workshop on Tools and Solutions is a fast-paced training course for practitioners covering control systems cyber security challenges. Participants will gain an understanding of how to improve the cyber security posture of their control systems networks. A second workshop is designed for those responsible for managing the security of plants and other infrastructure. Participants will learn terminology and gain a basic understanding of cyber security for industrial control systems with real-world examples.

# POWER GENERATION PROGRAM AGENDA AT A GLANCE

## MONDAY, FEBRUARY 6 - OPENING DAY WORKSHOPS

8:30 AM - 12 PM	Cyber Security Workshop I: Tools and Solutions
1-5:30 PM	Control System Lifecycle Management Workshop
2 PM	Cyber Security Workshop I, cont'd. FIATECH Workshop
4 PM	Cyber Security Workshop II: Management FIATECH Workshop, cont'd.
6-9 PM	ARC Welcome Reception

## TUESDAY, FEBRUARY 7

8:30 AM	General Session Keynote Presentations
10:30 AM	General Session Industry Executive Panel
12 PM	Lunch
2 PM	Asset Lifecycle Management for Power Sector Strategies to Achieve Operational Excellence in Asset Performance Management
4 PM	Enterprise Manufacturing Intelligence Security and Access Control for Industry Operational Excellence in Asset Performance Management Roundtable Discussion Plant Software in the Cloud — Fact vs. Myth
5:30 PM	Evening Receptions

## WEDNESDAY, FEBRUARY 8

8:30 AM	General Session Industry Transformational Technologies Executive Panel
10:30 AM	Mobility Solutions Asset Information Management for Engineering Industrial Energy Efficiency Coalition Session
12 PM	Lunch
2 PM	Remote Operations Management Analytics for Industry Asset Performance Management Best Practices
4 PM	Energy and Water Management Strategies Asset Performance Management Best Practices Design and Development as a Service
6:30 PM	Evening Reception

## THURSDAY, FEBRUARY 9

8:30 AM	Social Media Solutions for Industry OPC Session iRING/ISO 15926 in Action and Next Steps
10:30 AM	Improving the Industrial Standards Process OPC Session, cont'd.
12 PM	Forum Ends with Boxed Lunches

## FORUM LOGISTICS

### LOCATION

Renaissance Orlando at SeaWorld  
6677 Sea Harbor Drive  
Orlando, Florida 32821 USA  
Tel: 800-327-6677 or 407-351-5555  
renaissanceseworldorlando.com

Participants should make their own hotel reservations via <https://resweb.passkey.com/go/arc2012> or calling 800-266-9432. For the group rate, refer to 'ARC Advisory Group 2012'.

### FORUM FEE

\$2,195

The fee includes breakfast and lunch each day, a reception and dinner on the first day, and program materials.

### WHO SHOULD ATTEND

- VPs, Directors, and Managers of IT
- VPs, Directors, and Managers of Reliability
- VPs, Directors, and Managers of Maintenance
- VPs, Directors, and Managers of Operations
- VPs, Directors, and Managers of Engineering
- VPs, Directors, and Managers of New Products
- Plant Managers and Supervisors
- Production Managers and Supervisors

### FOR MORE INFORMATION AND TO REGISTER

Register Today! Space is limited and only paid registrants will be guaranteed attendance. Please call 781-471-1175 or visit [www.arcweb.com/res/forumorl](http://www.arcweb.com/res/forumorl).