



*Welcome!*

*Bem Vindo !*

*¡Bienvenido !*

## **Agenda and Schedule of Events**

**Tuesday, September 23**

**0700 - 0800**

**Breakfast, café da manhã, desayuno**

**0800 - 0820**

**Opening remarks and introductions**

**Presenters: Steering Committee**

**0820 - 0845**

**Thermal Transients with Latest Statistics from CCGT Power Plants**

**Presenter: Bob Anderson (Competitive Power Resources)**

**0845 - 0915**

**HRSG Inspection**

**Presenter: Eugene Eagle (EPRI)**

**0915 - 1000**

**HRSG Performance Rejuvenation with Deep Cleaning Technology**

**Presenter: Patrick Ferraz (Precision Iceblast Corp)**

**1000 - 1030**

**Coffee Break**

**1030 - 1100**

**Issues with Vertical HRSGs**

**Presenter: Julio Paulin (Petrobras)**

**1100 -1200**

**Cycle Chemistry**

**Presenter: Barry Dooley (Structural Integrity Associates)**

**12:00 - 13:00**

**Lunch, almoço, almuerzo**

### **13:00 - 1345**

#### **OGE: Oxide Growth Exfoliation in HRSGs**

Presenters: Julio Paulin (Petrobras), Luiz Fernando Cortez (Ambar Energia)

### **13:45 - 14:30**

#### **Compliance and Reliability in the Water-Steam Cycle**

Presenters: Sergio Xavier de Almeida Neto and Matheus Domingues (Alutal)

### **14:30 - 15:15**

#### **Significant Startup Improvement by Electrical Prewarming of Steam Turbine and HRSG**

Presenters: Pierre Ansmann and Norman Gagnon (Arnold Group)

### **15:15 - 15:45**

#### **Coffee Break**

### **15:45 - 16:15**

#### **The Practical Application of FMEA for Boilers**

Presenter: Luiz Felipe (ENPERA Assessoria Empresarial)

### **16:15 - 16:30**

#### **Q&A and Open Discussion**

### **18:00 - 21:00**

**Networking Dinner: Fogo de Chao, Morumbi**

## **Wednesday, September 24**

### **07:00 - 08:00**

**Breakfast, café da manhã, desayuno**

### **08:00 - 08:45**

#### **Flow-Accelerated Corrosion (FAC): Science and Approach**

Presenter: Barry Dooley (Structural Integrity Associates)

### **08:45 - 09:15**

#### **Hydrogen Damage and UDC Case Study**

Presenter: TBD (Orygen Peru)

### **09:15 - 10:00**

#### **Expansion Joint Developments for Plant Reliability**

Presenter: Jake Waterhouse (Dekomte de Temple)

### **10:00 - 10:30**

#### **Coffee Break**

### **10:30 - 11:15**

#### **Long- and Short-Term Layup for Flexible Operation**

Presenter: Luiz Fernando Cortez (Ambar Energia)

### **11:15 - 12:00**

#### **Boiler and HRSG Tube Repairs Revolutionized**

Presenters: Marcus Hutchinson and Tony Mireles (Tuff Tube Transition)

### **12:00 - 13:00**

**Lunch, almoço, almuerzo**

### **13:00 - 13:45**

#### **Zero-Leakage Valve Solutions in HRSG Isolation Applications – Globe Valves vs. Ball Valves**

Presenters: Laura Mikovich (ValvTechnologies)

### **13:45 - 14:30**

#### **Recent Experience on Water Chemistry Management and HRSG Upgrades**

Presenters: TBD (GE Vernova)

### **14:30 - 15:00**

#### **Latest Film-Forming Substances (FFS) Application Results and Direction**

Presenters: Barry Dooley (Structural Integrity Associates)

### **15:00 - 15:30**

**Coffee Break**

### **15:30 - 16:15**

#### **High Temperature Tee Intersection Update**

Presenters: Tom Sambor (EPRI)

### **16:15 - 16:30**

**Q&A and Open Discussion**

### **17:30**

**Transportation departs from hotel lobby**

### **18:00 - 21:00**

**Networking Dinner: O Pasquim Bar e Prosa, Vila Madalena**

## **Thursday, September 25**

### **07:00 - 08:00**

**Breakfast, café da manhã, desayuno**

## **0800 - 0900**

### **Case Studies on Flexible Operation Impacts to HRSGs and Boilers**

Presenters: Julio Paulin (Petrobras), Luiz Fernando Cortez (Ambar Energia), Willians Nunes (Eneva)

## **0900 - 0930**

### **Remaining Life Assessment for HRSG Components Under Thermal Fatigue**

Presenter: Leandro de Souza Schiara (Petrobras)

## **0930 - 10:15**

### **Cycling Issues and Best Practices**

Presenters: Cesar Moreno (HRST)

## **10:15 - 10:45**

### **Coffee Break**

## **10:45 - 11:30**

### **Drum Replacement in High-Cycling Chilean CCGT**

Presenters: Dan Kadylak and Zachary Johnston (Vogt Power International)

## **11:30 - 12:00**

### **HRSG Performance Issues on Commissioning**

Presenter: Willians Nunes (Eneva)

## **12:00 - 13:00**

### **Lunch, almoço, almuerzo**

## **13:00 - 13:45**

### **Enhancing CCGT Flexibility with DrumPlus™ and Diverter Damper Technology**

Presenters: Omar Laredo and Edson Olivares (NEM Energy)

## **13:45 - 14:30**

### **Gas Turbine Upgrades: Considerations and Case Studies**

Presenter: Tom Sambor (EPRI)

## **14:30 - 15:00**

### **Covered Piping Systems**

Presenter: Dan Acosta (HRST)

## **15:00 - 15:30**

### **Coffee Break**

## **15:30 - 16:00**

### **Importance of Reheater Isolation and Avoiding HPSH Loop Seal Formation During Layup**

Presenter: Bob Anderson (Competitive Power Resources)

## **16:00 - 16:30**

### **Closing Q&A and Open Discussion (Meeting adjourns)**