



# **SAVE ENERGY WITH ENHANCED AUTOMATION - EDUCATIONAL SEMINAR -**

*Emerson Process Management and Puffer Sweiven are pleased to invite you to an educational seminar designed to help your plant improve its bottom line through energy conservation.*

**Escalating energy costs present Process Control Departments a significant opportunity for recovering profits.**

**Reducing utility costs** is one of the most effective and achievable strategies for lowering operating costs. Energy prices continue to increase and in today's challenging environment, an **energy conservation program** is essential to remaining competitive. **Automation improvements** provide some of the most **cost effective and easily implemented** energy conservation programs available. This seminar will provide an organized, **step-by-step look** at the broad range of automation **energy cost-saving opportunities** and **solutions** available for any plant. **Application examples** with quantified business results (ROI) are included. The seminar will provide **practical tips** that you can **immediately apply in your plants**.

## **SEMINAR DATE, TIME & LOCATION**

**Thursday August 21, 2008**  
**7:30am – 1:00pm**  
Puffer Sweiven Inc.  
903 Highway 146 South  
La Porte, Texas 77571

## **TO REGISTER:**

**Please RSVP from NOW to August 15th**  
Contact: Cheryl Boyd  
Phone: (281) 470-5383  
Email: [Cheryl.Boyd@puffer.com](mailto:Cheryl.Boyd@puffer.com)

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## Learn Best Practices for Energy Conservation

Survey the root causes of excessive plant energy usage and how automation can reduce consumption. Review a systematic approach to identifying potentially high payback improvement areas and solutions. Opportunities can originate in the process, measurement devices, valves, or controllers. Learn basic principals and key concepts to understand the nature of challenges and options. Actual plant case studies will be presented. Specific operational improvements in the following areas due to enhanced automation performance will be addressed:

- Reduced Fuel Costs
- Reduced Electricity Usage
- Reduced Steam Costs
- Increased Equipment Availability
- Reduced Compressor Costs
- Improved Boiler Efficiency

### SEMINAR AGENDA

- 7:30 - 8:00 am Registration and Introductions
- 8:00 - 9:45 am Overview and Process Operational Savings
- 9:45 - 10:15 am Break
- 10:15 – Noon Powerhouse, Boiler and Steam System Savings
- 12:00 - 1:00 pm Complimentary Lunch
- 1:00 pm Seminar Complete

### KEY PRESENTERS

**Doug White** is a Principal Consultant with Emerson Process Management. He has helped process industry clients around the world identify energy saving and process operational improvement areas through enhanced automation. He has published more than fifty papers on these subjects and contributed to several books, including the ISA's recent volume [A Guide to The Automation Body of Knowledge](#).

**Scott Pettigrew** is a Senior Energy Consultant with Emerson Process Management. He has more than twenty years of experience designing and implementing improved automation systems for industrial energy management.

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