



**INTEGRATED SOLUTIONS  
LEGENDARY SERVICE**

L&S presents

# HYDRO CONTROL SOLUTIONS SEMINAR

NOV 7-9TH, 2023

ROTHSCHILD, WI



**Direct instruction by L&S engineers**

**Enhance your knowledge of hydroelectric control systems and products, governor tuning, and standards within the industry**

**Network and socialize with industry recognized professionals and peers from across the globe**

LODGING (Included)  
Stoney Creek Inn  
1100 Imperial Ave, Rothschild, WI 54474

L&S FACILITY  
1810 County Hwy XX, Rothschild, WI 54474

## COST

**EARLY BIRD  
BEFORE SEPTEMBER 30TH \$1800**

**GROUP RATE  
FOUR OR MORE \$1600**

**FULL RATE \$2000**

L&S' Hydro Control Solutions Seminar is a three (3) day technical training event that combines lectures and hands-on activities designed for plant supervisors, engineers, operators, maintenance technicians, and consultants.



**REGISTER HERE**

L&S Presents

# HYDRO CONTROL SOLUTIONS SEMINAR

# 2023

## AGENDA

MONDAY

**NOV  
6**

**ICE BREAKER RECEPTION AT STONEY CREEK**  
6PM-9PM

TUESDAY

**NOV  
7**

8:15AM-9:45AM

**EXCITATION SYSTEM GENERAL OVERVIEW & MAIN FEATURES**

9:45AM-10AM

**BREAK**

10AM-11:45AM

**HYDRO GOVERNOR SYSTEM OVERVIEW & MAIN FEATURES**

11:45AM-12:45PM

**LUNCH AT HOTEL & BUS TO L&S**

**YELLOW  
GROUP**

**PID TUNING, TIPS, TRICKS & MORE**

1PM-5PM

**BREAK**

3:30-3:45PM

**BLUE  
GROUP**

**EXCITATION SYSTEM SETUP & TESTING**

1PM-5PM

**BREAK**

3:30-3:45PM

**RED  
GROUP**

**GOVERNOR HYDRAULICS & MECHANICAL COMPONENTS**

1PM-5PM

**BREAK**

3:30-3:45PM

**SYNCHRONIZATION & PROTECTION AND OVERVIEW ACTIVITY**

3:30-3:45PM

5PM **RETURN TRIP TO HOTEL**

5:30PM **BUS LEAVES FOR L&S SPONSORED OFF-SITE ACTIVITY/DINNER**

6PM-9PM **L&S SPONSORED OFF-SITE ACTIVITY/DINNER**

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# HYDRO CONTROL SOLUTIONS SEMINAR

# 2023

## AGENDA

WEDNESDAY

**NOV  
8**

- 8AM-10AM **DROOP, CONTROL OPTIONS AND CASE STUDY**
- 10AM-10:15AM **BREAK**
- 10:15AM-11:45AM **SHOW SHOULD BE CONSIDERED WHEN UPGRADING EXCITERS**
- 11:45AM-12:30PM **LUNCH AT HOTEL & 30 MINUTE VENDOR PRESENTATION**
- 12:45PM **BUS TO L&S**

**EXCITATION SYSTEM SETUP & TESTING**

1PM-5PM

**YELLOW  
GROUP**

**BREAK**

3:30-3:45PM

**BLUE  
GROUP**

**GOVERNOR HYDRAULICS & MECHANICAL COMPONENTS**

1PM-5PM

**BREAK**

3:30-3:45PM

**SYNCHRONIZATION & PROTECTION AND OVERVIEW ACTIVITY**

3:30-3:45PM

**RED  
GROUP**

**PID TUNING, TIPS, TRICKS, & MORE**

1PM-5PM

**BREAK**

3:30-3:45PM

5PM **RETURN TRIP TO HOTEL- DINNER ON YOUR OWN**

**L&S Presents**

# HYDRO CONTROL SOLUTIONS SEMINAR

# 2023

## AGENDA

THURSDAY

**NOV  
9**

8AM-9:45AM

**A 100 YEARS OF GOVERNOR HISTORY**

9:45AM-10AM

**BREAK**

10AM-11:45AM

**NERC (PRIMARY FREQUENCY)**

11:45AM-12:30PM

**LUNCH AT HOTEL & 30 MINUTE VENDOR PRESENTATION**

12:45PM

**BUS TO LSS**

**YELLOW  
GROUP**

**GOVERNOR HYDRAULICS & MECHANICAL COMPONENTS**

1PM-5PM

**BREAK**

3:30-3:45PM

**SYNCHRONIZATION & PROTECTION AND OVERVIEW ACTIVITY**

3:30-3:45PM

**BLUE  
GROUP**

**EXCITATION SYSTEM SETUP & TESTING**

1PM-5PM

**BREAK**

3:30-3:45PM

**RED  
GROUP**

**PID TUNING, TIPS, TRICKS, & MORE**

1PM-5PM

**BREAK**

3:30-3:45PM

5PM **RETURN TRIP TO HOTEL**

5:30PM

**BUS LEAVES FOR L&S SPONSORED OFF-SITE ACTIVITY/DINNER**

6PM-9PM

**L&S SPONSORED OFF-SITE ACTIVITY & DINNER**