



GREEN MOTOR PRACTICES FOR ELECTRIC MOTORS

October 22, 2015

7:30 am until 4:30 pm

**Avista
Conference Room 130
1411 East Mission Ave
Spokane, WA 99202**

Registration Fee: \$139

0.7 Continuing Education Units through Washington State University may be made available for this training

Class size is limited to 25 attendees

Key Learning Objectives

- Increase motor reliability while reducing motor downtime
- Establish an effective motor systems maintenance plan
- Identify system savings using operation cost calculations
- Improve motor repair/replace decisions
- When purchasing motor repair, retain original efficiencies

Who Should Attend

- Anyone involved in electrical motor maintenance, purchases, repair, management or system operation
- Plant maintenance, operations, purchasing and engineering staff
- Motor service center managers and technicians

Agenda

7:30 Registration (breakfast provided)

8:00 Morning Session

- Attendee introductions
- Motor systems energy cost calculation
- Continuous improvement
- Group CEI elements, goals, kWh savings
- Motor nameplate nomenclature definitions

11:30 Lunch (provided)

12:30 Afternoon Session

- Motor nameplate group reports and discussions
- New motors vs. rewinding/repair
- Recent motor industry changes

2:00 Break

2:15 Afternoon Session Continued

- Group discussion from preceding segment report
- Questions and answer (review of day's activity)
- Recap exercise
- Test, review tests

4:15 Summary and Evaluation

4:30 Adjourn

Course Description: Attendees will learn how to estimate operating costs for electric motor systems and to identify improvements in motor management practice to increase system reliability and reduce operating costs. Topics include: calculating motor operating costs, continuous motor driven system improvement, a guide to motor operating characteristics, where to get the best motor rewinds and a model repair specification for ensuring quality repair. The presentation format includes interactive group discussions, some fun, and many new innovative practical motor driven system ideas you will use.

Instructor: Dennis Bowns, Motor Management Specialist Dennis' career includes more than 35 years in the electric motor and motor control industry. For the last 15 years, he has worked as a technical field consultant and motor repair shop auditor specializing in electric motor efficiency issues. In this capacity, he has presented more than 150 seminars and workshops to industrial motor users, motor service centers and commercial building operators throughout the West. A member of the Electrical Apparatus Service Association (EASA) since 1977 and currently provides motor service center process audits for the organization. Dennis has addressed ten EASA Conferences, representing nine of the eleven Western States and British Columbia, on electric motor efficiency technical issues and shop procedures to retain or improve motor efficiency during rewinding.

Hosting Sponsor



Co-Sponsoring Organizations



This training is provided by The Green Motors Practices Group. For more information: www.greenmotors.org

The Northwest Regional Industrial Training project is coordinated and funded by the Northwest Energy Efficiency Alliance (NEEA), a private non-profit organization funded by Northwest utilities, the Energy Trust of Oregon, and Bonneville Power Administration. NEEA and its stakeholders subsidize up to 85% of the cost to attendees, which means the cost listed on the front of this brochure is significantly less than the average price in the marketplace. NEEA works in collaboration with its stakeholders and strategic market partners to accelerate the sustained market adoption of energy-efficient products, technologies, and practices. NEEA's market transformation efforts address energy efficiency in homes, businesses, and industry.

How to Register

Registration deadline is October 8, 2015

Register online:

www.regonline.com/154neea-industrialtraining

Or fax, email or mail the registration form below to:

Phone: 888-720-6823

Fax: 503-525-4800

Email: industrial-training@industrial.neea.org

NEEA Industrial Training c/o Ecova
100 SW Market St #200
Portland, OR 97201

Please make checks payable to NEEA
Industrial Training c/o Ecova#2300

Questions

Visit <http://neea.org/get-involved/calendar> or contact the training center at 888.720.6823 or industrial-training@industrial.neea.org

Registration Form – Please register me for the Green Motors training on October 22nd:

First Name _____ Last Name _____ Title _____

Phone/Fax _____

Company Name _____ Utility Provider _____

E-mail Address _____

Address _____

Please indicate special diet needs:

- Vegetarian
 Other _____

Zip _____ City _____ State _____

Participation approved by: _____
Supervisor name

Supervisor e-mail _____

Other Payment Options

Please enclose a check with this registration form and mail to the above address.

If paying by purchase order please call 888-720-6823 or fax registration form to 503-525-4800.

Discount Code: _____ Purchase Order: _____

Cancellation Policy: Full refund of registration fee if attendance is cancelled by October 8th; half refund thereafter.