

Water Energy Toolkit



Resources

With more than 50,000 water utilities in the U.S. of varying age, capacity, and material status, significant energy and water savings are possible and financially viable. Utilities want to know more about available energy saving products and workforce development resources. Challenges related to ownership, decision-making processes, and planning-to-execution timelines, however, make detailed energy-savings estimates problematic.

The NEMA Water Energy Toolkit provides training materials for utility engineers and managers who want to improve their systems through

- Basic motor function
- Basic motor components
- Basic motor application and performance

Motor Training

- Fundamentals of Electric Motors
- Advanced Motor Construction
- AC Motor Components – Rotors in Detail
- AC Motor Mounting Types
- Electric Motor Accessories
- Making Electric Motors More Efficient
- Electric Motor Terminology and Electrical Performance Characteristics
- IEEE Standard 841
- NEMA Motor Standards vs. IEC Motor Standards

Pumps and Drives / SCADA

- On Demand Pump Condition Assessment and Optimization v2
- Variable Frequency Drives Benefits
- Variable Frequency Drives and Wastewater
- Pump Systems and Total Ownership Cost

Visit www.waterenergytoolkit.org.



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