

Motor System Stock Assessment

The Northwest Energy Efficiency Alliance (NEEA) is an alliance of more than 140 utilities and energy efficiency organizations working on behalf of over 14.5 million energy consumers across the four Northwest states. NEEA has contracted with Westat, Cadmus, Cascade Energy and Lattice Energy to conduct a comprehensive motor system assessment across the region (Idaho, Montana, Oregon and Washington).

Why was my facility selected

Your facility was selected through a statistically rigorous random sampling process that focuses on four key industries:

- Water Supply / Wastewater Treatment
- Food Production
- Wood Products Manufacturing
- Computer / Electronics Manufacturing

Your facility is critically important to obtaining a representative understanding of motor systems throughout the region.

This study will establish a regional baseline that will shape future utility programs and incentive structures for facilities like yours.

Why this matters

Motors use 70% of industrial electrical energy. This is the first comprehensive data collection study in 25+ years for industrial motor system efficiency across the region.

Findings will directly inform:

- Utility rebate program design and funding levels
- Equipment upgrade pathways validated by peer facility data
- Regional best practices for pumps, fans, compressors and material handling systems
- Future codes and standards affecting electric motors

Energy costs are a large part of operating expenses for a business, and money saved on energy can be spent on something else. The data collected via this study can be used to help both your facility and thousands of others become more energy efficient.



What to expect

A field engineer will visit your facility to conduct the assessment.

Duration: 2–4 hour walk-through – possibly longer for very large sites

Timing: Scheduled around facility constraints

Requirements: One point of contact familiar with motor-driven equipment (pumps, fans, compressors, material handling) who can accompany the field engineer throughout the walk-through.

Production impact: Zero – non-intrusive, inventory only

We will document nameplate data and operating conditions. No equipment will be shut down or altered in any way. No data-logging is necessary. All data collection will be from observation and interview and conducted by engineers with experience at industrial sites and in facility safety protocols.

Data Handling

- All facility-specific data will remain confidential
- Public reports will aggregate findings regionally without individual facility attribution
- Participating facilities will receive a copy of their individual results for internal use

What's in it for you?

There is no cost to participate. As a thank-you for your facility's time, we are offering a set of incentives to choose from for your facility. Specific incentive details will be provided during scheduling.

What's next

For questions or to schedule:

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Study details:

nea.org/motor-system-stock-assessment



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