



# Energy Smart Industrial

BPA ENERGY EFFICIENCY

## Small Industrial Measures

Streamlined process for  
quick turnaround

Save energy and improve productivity by taking advantage of incentives that may be available from your local public utility and the Bonneville Power Administration's (BPA) Energy Smart Industrial (ESI) program. Incentives can enable an industry to cut energy costs and acquire new equipment while helping regional utilities meet the growing demand for power.



### What qualifies as a Small Industrial Measure?

Small Industrial Measures commonly address equipment issues such as air compressors, pumps, or fans that use 10% to 50% more energy than necessary because of equipment age, suboptimal components, or inherently inefficient part-load control. Small Industrial Measures apply to projects with an estimated annual savings of less than 200,000 kWh. Incentive funding is offered to help cover the cost of replacing such equipment and controls with more efficient alternatives. Small Industrial Measures cover a wide range of equipment including, but not always limited to:

- Pumps
- Welders
- Compressed Air
- Variable-Frequency Drives
- Fans
- Controls
- Refrigeration
- Motor-Driven Equipment

### How does the funding process work?

- 1. Confirm service utility participation in BPA's ESI program.** Contact your utility before getting started.
- 2. Determine energy savings.** For Small Industrial Measures a brief analysis is performed by an ESI team member to estimate annual energy savings.
- 3. Calculate the incentive amount.** Reimbursement levels vary by utility and are generally calculated by figuring the project's estimated costs and estimated energy savings multiplied by  $\phi$ /kWh up to the percent incremental project cost cap. (See your local utility for specific details.)
- 3. Secure funding approval.** The analysis and funding application are submitted by an ESI team member. Funding must be approved by the utility and BPA prior to placing orders for equipment.
- 4. Order and install equipment.** After receiving approval from the utility and BPA, equipment may be ordered and installed.
- 5. Inspect and close out.** The ESI team member that collects invoices to document project costs may inspect the installation and collect data to verify operation assumptions about the affected equipment. The amount of the incentive paid may change from the initial estimate if energy savings or project costs differ from funding-approval estimates.
- 6. Incentive is paid.** An ESI team member submits closeout documentation for utility and BPA approval. If the project scope has changed or if equipment operation differs from the initial proposal, energy savings and final reimbursement will be recalculated. The incentive amount will be based on the actual outcome. Upon approval of the completion report, the utility will issue an incentive check.