

## PUT SOME ENERGY INTO YOUR EFFICIENCY EFFORTS

TechHelp's E3 program provides coordinated technical assistance to help your business thrive in an era of intense global competition. E3 starts with an assessment of potential Energy, Waste and Efficiency savings followed by a plan for realizing those savings.

**TECHHELP**  
SOLUTIONS FOR MANUFACTURERS



### TechHelp E3 Process:

**ON-SITE E3 ASSESSMENT PLUS ANALYSIS** and recommendations by TechHelp Specialist identifies key operational improvements, financial incentives, training needs and an implementation plan.

**E3 IMPLEMENTATION PROJECT** generates ROI through workforce training, continuous improvement activities and expert focus on building, lights, water, waste, motors, refrigeration and more.

**REVIEW & RELOAD** to determine project ROI and next steps for continuous improvement.

### E3 Benefits Manufacturers, Utilities, Employees and Communities :

**COST SAVINGS** generated through process & resource efficiencies and reduced waste.

**TECHNICAL AND FINANCIAL RESOURCES** provided through state, federal and utility programs and from energy and waste experts.

**REGULATORY REQUIREMENTS** addressed from local, state and federal perspectives.

**COMPETITIVENESS IMPROVED** through advanced business practices that will expand supply chain opportunities, open new markets and retain skilled employees.

**REVENUE GENERATION ENHANCED** through improved competitiveness of existing manufactures, productive investment in local communities and the ability to attract new business that creates and retains manufacturing jobs.



# TECHHELP

SOLUTIONS FOR MANUFACTURERS



For information or to schedule a free assessment, contact:

Dave O'Connell

TechHelp Mfg. Specialist

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## TECHHELP CORE TEAM

TechHelp is Idaho's Manufacturing Extension Center and a partnership of Idaho's three universities with Specialists based statewide. Your E3 engagement will be led by a local TechHelp Manufacturing Specialist with expertise in our standardized E3 methodology.

## TECHHELP EXTENDED TEAM

TechHelp works closely with state and federal agencies, utility companies and private organizations with E3 expertise in buildings, lighting, compressed air, boilers, HVAC, motors, pumps and more.

## NATIONAL RESULTS

- E3 assessments at 11 facilities in Michigan resulted in yearly savings of **\$860,000 per facility**.
- Recommendations from energy assessments averaged **\$55,000 in yearly savings** per manufacturer.

## INFORMATION

For more information regarding E3 contact your local TechHelp Manufacturing Specialist at [techhelp.org](http://techhelp.org) or use the information above to connect with our E3 Specialist, Dave O'Connell.

## IDAHO RESULTS

### Testimonial - ON Semiconductor

*"ON Semiconductor thanks TechHelp and its partners for their help and expertise in assessing potential projects with both a Lean and Green perspective."*

—Krista Johnston, Project Manager, ON Semiconductor

- Quantified \$473,000/year in annual savings
- Saved \$18,000 annually by reducing water use and maintenance
- Decreased waste water ammonia surcharge fees of \$6,000/yr
- Saved \$32,000/yr in electricity
- Saved \$400,000/yr in rent and other costs
- Future savings of \$200,000/yr in reduced waste water generation