



# Energy Smart Industrial

## PROGRAM OVERVIEW

# SMART SOLUTIONS FOR SIGNIFICANT SAVINGS

### What is Energy Smart Industrial?

Bonneville Power Administration's (BPA) Energy Smart Industrial (ESI) Program, in partnership with 120 public utilities, promotes industrial energy conservation throughout the Pacific Northwest. This program offers a full range of resources, from scoping-level assessments that identify savings opportunities to training that helps your organization implement advanced energy management practices. No matter the size of your facility, ESI's diverse offerings such as Custom Projects, Strategic Energy Management, and Industrial Lighting are tailored to meet your unique needs.

The ESI program has completed over 7,000 projects including equipment retrofits, new construction upgrades, and operational and process improvements, which generated 240 aMW in first-year energy savings — enough to power 175,000 Pacific Northwest homes. These efforts have provided more than \$850 million in cumulative avoided energy costs to the region's industries, benefiting 1,800 individual facilities across seven states.

### Why does BPA want you to save energy?

The Pacific Northwest Electric Power Planning and Conservation Act passed in 1980, directs BPA to acquire cost-effective conservation as a resource. BPA's energy conservation program helps maximize the value of the FCRPS and reduces BPA's need to acquire other, potentially more expensive resources.

### How can ESI help save you energy?

The ESI program offers financial incentives, technical expertise, and project support to help facilities upgrade equipment with energy-efficient technologies, reduce operations and maintenance costs, and lower energy use. These improvements can boost productivity, enhance operational performance, and provide non-energy benefits that help your facility stay competitive.

## Where are energy savings found?

Blowers / Fans

Compressed Air

HVAC

Lighting

Process Improvement

Pumping

Refining / Pulping

Refrigeration

SEM

Wastewater

# ESI PROGRAM OVERVIEW

## What are the program offerings?

### 1 Custom Projects

ESI helps you install and commission energy-saving equipment for both retrofit and new construction projects.

### 2 Strategic Energy Management (SEM)

SEM trains businesses how to integrate energy-saving practices into daily operations.

### 3 Energy Project Managers (EPM)

EPM co-funding supports dedicated resources to improve project outcomes while ensuring completion. They also identify and develop future energy projects.

### 4 Small Industrial (SI)

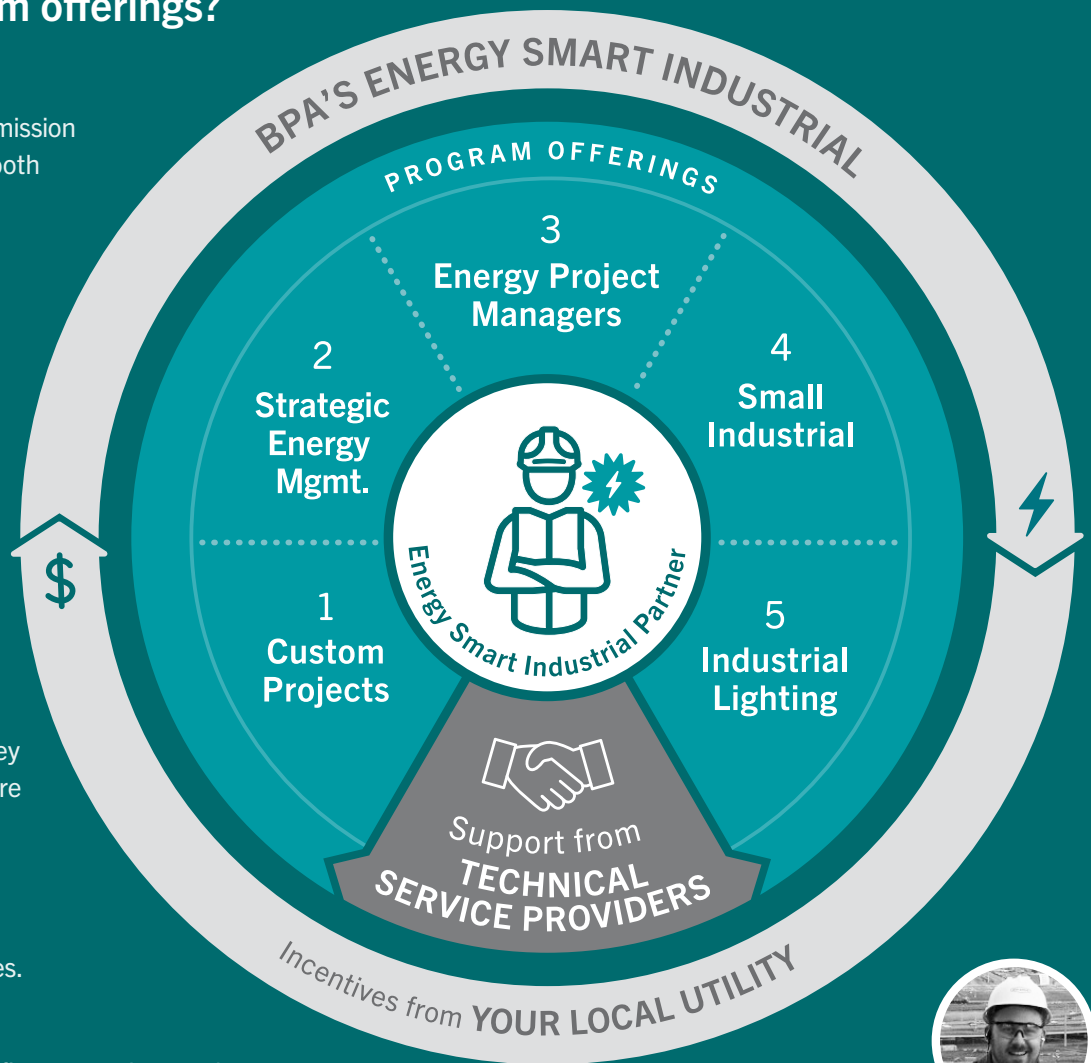
SI offers a streamlined path to efficiency for smaller businesses.

### 5 Industrial Lighting

Lighting experts help identify fixtures and controls that improve efficiency and boost productivity.

## Who is involved?

BPA works with its program partner, Cascade Energy, to implement this regional program in partnership with local utilities. Cascade provides specialized expertise to perform facility scoping studies, custom project assessments, measurement and verification (M&V) studies, SEM coaching, and industrial lighting project support.



## What does an ESIP do?

An Energy Smart Industrial Partner (ESIP) is your go-to energy efficiency expert. They coordinate program resources, help identify potential projects, provide technical support, perform site visits, and data analysis.



## Ready to get started?

Contact your electric utility to discuss your goals, share any specific needs, and learn about available financial incentives.

Learn more at [EnergySmartIndustrial.com](https://EnergySmartIndustrial.com)



Energy Smart Industrial is sponsored by Bonneville Power Administration and its Northwest Utilities.