



Washington State  
DEPARTMENT OF  
ENTERPRISE SERVICES

# Energy Savings Performance Contracting



As a national leader in Energy Savings Performance Contracting, the DES Energy Program staff delivers professional expertise and contract management services for energy and utility conservation projects.

*The Energy Savings Performance Contracting (ESPC) method is the most cost-effective process for completing building energy upgrades and retrofits. By leveraging utility savings, grants and capital dollars, projects can usually be funded within existing budgets. The ESPC process also guarantees the total project cost, equipment performance, and energy savings before construction starts.*

*The program has completed over \$2B in performance contracts, and has satisfied over 600 state public facility customers.*

## Our customers

- Cities & towns
- Colleges & universities
- Counties
- Health districts & hospitals
- Libraries & school districts
- Port districts
- State agencies & other public agencies such as parks, public utilities, fire districts, public transit

## Our projects

Interior and exterior lighting, high efficiency HVAC systems, boiler replacements, repair of steam distribution systems, wastewater treatment plant pumps and more.

## History of customer savings

- Avoided more than \$41M in annual utility costs
- Over 400M kilowatt-hours of electricity saved; enough to power 30,000 average Washington homes each year
- Over 15.5 million therms of natural gas saved; equal to removing 15,000 cars from our roads annually
- Avoided release of more than 270,000 tons of carbon dioxide (CO<sub>2</sub>) into the atmosphere each year

# Additional program services



## Energy Life Cycle Cost Analysis

ELCCA is a decision-making tool that compares owning and operating costs for energy using systems in new and remodeled facilities.

The ELCCA encourages energy efficiency in new construction by evaluating the total cost of ownership of several competing design alternatives.

The Department of Enterprise Services supports this goal by publishing these guidelines, identifying and encouraging the consideration of cost-effective building technologies

and by providing assistance in the development and review of ELCCA reports.

[des.wa.gov/elcca](https://des.wa.gov/elcca)

## Building commissioning

Building commissioning is a systematic, documented process that helps ensure public facilities operate efficiently.

Have you ever experienced these problems in your facilities?

- Poor indoor air quality
- High energy costs

- High O&M costs
- Difficulty maintaining comfortable temperatures
- High number of deficiencies in newly constructed buildings

Chances are commissioning could have prevented many of them. Everyday more building owners are turning to commissioning. Through building commissioning, owners are assured that their buildings are built right the first time, and their systems perform in accordance with the design intent and the occupants' operational needs.

[des.wa.gov/building-commissioning](https://des.wa.gov/building-commissioning)