Washington State Department of
Enterprise Services
Energy Program

Energy Program Services

Providing **energy professional services** to help customers **reduce operational costs**, and make Washington a **better place** to live, learn and work.

ESPC Services

Energy Savings Performance Contracting (ESPC)

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

The 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 $1.2 billion dollars in performance contracts, and has satisfied over 400 state public facility customers. This award winning program has received the national Energy Stewardship Champion awards for 2016 and 2017.

History of Customer Savings:

- Avoided more than $40 million in annual utility costs
- Over 400 million 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_2) into the atmosphere each year

Typical Projects include:

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

Visit us on the web at:

http://bit.ly/DES-ESPC

Customers we serve:

- Cities and Towns
- Colleges and Universities
- Counties
- Health Districts
- Hospitals
- Libraries
- School Districts
- Port Districts
- State agencies
- Other Public Agencies (Parks, Public Utilities, Fire Districts, Public Transits)

http://bit.ly/DES-Energy | EnergyTeam@des.wa.gov | 360-407-2224

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Additional Program Services

BUILDING CX

Building Commissioning

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.

Visit us on the web at:
http://bit.ly/DES-CX

ELCCA

Energy Life Cycle Cost Analysis

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.

Current Guidelines have simplified the process and set energy use goals for the design alternatives. At a minimum, the design alternatives must meet the LEED Silver requirement.

Visit us on the web for more information and to obtain guidelines:
http://bit.ly/DES-ELCCA

RCM

Resource Conservation Management

A coordinated management tool that uses data analysis of building systems to reduce the utility costs, improve comfort, and give customers more control over the operating costs of their facilities.

The program focuses on engaging building occupants and operators to achieve results.

By carefully tracking the resources and services that your facility uses, and the waste generated, you can reduce costs, increase efficiency, and promote environmentally friendly operations.

Having a comprehensive RCM program in place can save between 10 to 15 percent of your utility bills after the first year

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