



STATE OF WASHINGTON

DEPARTMENT OF LABOR AND INDUSTRIES

PO Box 44000 • Olympia Washington 98504-4000

December 22, 2015

**Ms. Donna Albert
Department of Enterprises Services
PO Box 41476
Olympia, WA 98501**

Executive Order 12-06

Dear Ms. Albert:

The Department of Labor and Industries is pleased to submit the reporting documents for Executive Order 12-06.

Labor and Industries will continue to implement Energy Conservation methods; send information to staff on how they can conserve energy in the office as well as home; continue to retrofit/replace lighting and equipment with more energy efficient ratings and investing in those which have the most benefit with a lower payback period.

We will continue to be involved in the development and implementation of the Lease Space Requirements to ensure energy efficient lighting and HVAC systems are part of the standard.

If you have any questions, please contact Mark Young at (360) 902-6944.

Sincerely,

**Ernie LaPalm
Deputy Director**

**cc: Randi Warick, Deputy Director
for Financial Management
Reuben Amamilo, Facilities Manager
Mark Young, Facilities Senior Planner**



Executive Order 12-06 Report

ACHIEVING ENERGY EFFICIENCY IN STATE BUILDINGS

December 2015

Agency Name:	Labor and Industries
Agency Point of Contact:	Mark Young
Point of Contact Title:	Facilities Senior Planner
Telephone Number:	(360) 902-6944
E-mail Address:	Youz235@Ini.wa.gov

Describe benchmarking, metering, audits, and energy retrofits completed by the agency in 2015 to meet the requirements of EO 12-06:

Benchmarking, metering, audits:

Most of the agency facilities have been loaded in the Energy Star Portfolio Manager with a benchmark goal of 10% energy conservation. Energy usage is tracked and 3 locations to include headquarters have auto meter updates. The Energy Star score in HQ went from a 67, in 2011 to 85, or a 26.9% change. Energy cost of -\$230849.50(-28.8%)

Energy Retrofit:

Labor and Industries Headquarters completed an LED Retrofit project with Grant funding through PSE. DES completed the project in-house using their assigned Electrical Staff. The project replaced 110 parking lot and street lamp heads with LED. We also replaced the loading dock lighting and stairwell lighting with LED. All of the lights within this project included motion detectors. It was estimated that this project would save 40,297 KWh/year. We have also drained the HVAC cooling towers to prevent the need of adding antifreeze or heating the tanks to prevent freezing. This was done in 2014 as well. We have also shut down the loading dock sump pump and only turn it on when water levels are higher. Previously it was operating 24/7/365 regardless of water level.

Describe benchmarking, metering, audits, and energy retrofits that the agency plans to implement in 2016 to meet the requirements of EO 12-06:

Executive Order 12-06 Reporting Form

In 2016 L&I plans to retrofit approx. 510 can light fixtures each having 2 bulbs in the Headquarters building to LED. Also to be replaced are lights in the elevator lobbies, elevators and building mounted exterior lighting.

The agency also plans to ensure that the building evaluated for relocation have proposals which meet the current Lease Space Requirements for Lighting, HVAC, and utilities. Proposed Lease spaces which the owner, property manager, etc. did not wish to upgrade their facilities to the current Lease Space Requirements were omitted from consideration.

The Facilities Senior Planner attends the DES Lease Space Requirement Forums which establishes the next Lease Space Requirements standards.

Describe how the agency used Energy Star Portfolio Manager benchmarking in lease negotiations for new or renewed leases in 2015:

The agency requests Energy Star Portfolio information for proposed lease facilities if available.

Describe actions that will be taken in 2016 to save energy through operational changes and continuous monitoring using Portfolio Manager:

We will continue to work with DES at Headquarters in energy conservation methods. We will establish energy conservation messages and send to all agency employees and utilize portfolio manager to track conservation efforts and send out to employees for awareness on how their involvement helps.

Attachment:

A - Agency Progress in Implementing EO 12-06 (by building)

Resources:

Go to the DES Portfolio Manager webpage for a link to EO 12-06, previous reports, RCWs, EPA resources and training, Step by Step Instructions, and Frequently Asked Questions at <http://www.des.wa.gov/services/facilities/Energy/EnergyStar>

