

# Executive Order 12-06 Report

## ACHIEVING ENERGY EFFICIENCY IN STATE BUILDINGS

December 2016

<b>Agency Name:</b>	<b>Labor and Industries</b>
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**Describe benchmarking, metering, audits, and energy retrofits completed by the agency in 2012 through 2016 to meet the requirements of EO 12-06. What percentage of agency owned square footage has been audited (all systems) and all life-cycle cost effective measures installed, since 2012?**

The 459,000 Tumwater Labor and Industries headquarters building was designed in 1990 with efficiency in mind with lighting and HVAC controls in place. The agency recommissioned the VAVs in 2005. Lighting and HVAC controls are regulated through separate control systems. HVAC shuts off after 6:00 PM on week days and is off during non-business days to conserve energy. Lights automatically turn off at 6:00 pm and can be turned back on with a switch within a specific zone. In 2015 Labor and Industries had a joint project with DES and PSE to retrofit Headquarters building parking lots, walking paths and stairwells to high efficient LED lighting with motion detectors. In 2016 we changed out more than 250 compact fluorescent bulbs in the common lobby areas in the building with LEDs. Energy consumption data is updated in Energy Star Portfolio Management automatically by PSE. L&I has a goal of reducing energy in its headquarters by 20% from the December 2011 Baseline. To date, we have achieved a 30.2% reduction in cost; reduced the Green House Gas emissions by 32% and went from a 72 Energy Star score to 91. This has been a significant accomplishment for L&I.

**Describe benchmarking, metering, audits, and energy retrofits that the agency plans to implement in the next 5 years to meet the requirements of EO 12-06.**

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**What percentage of agency owned square footage will be audited (all systems) and all life-cycle cost effective measured installed, from 2012 – 2022?**

**Critical equipment is evaluated on a regular basis. All of the systems have been identified as to what may be replaced in the next 5-10 years.**

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**Describe how the agency used Energy Star Portfolio Manager benchmarking in lease negotiations for new or renewed leases in 2012 – 2016, and how benchmarking will be used in future leased negotiations:**

**All of the agencies facilities in which we pay energy for and are over 10,000 sf are in the Energy Star Portfolio Manager. The agency requests Energy Star Portfolio information for proposed lease facilities if available.**

**Describe actions that will be taken in 2017 to save energy through operational changes and continuous monitoring using Portfolio Manager. Describe how you will engage occupants and staff to reduce energy use in the next 5 years:**

**L&I will continue to monitor the Portfolio Manager and update information. HVAC and lighting controls will continue to be monitored and utilized to minimize use during non-business hours. Facilities will generate energy conservation information to distribute to employees on a periodic basis. This will help educate staff on practical energy conservation methods which they can use at home.**

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**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://des.wa.gov/services/facilities-leasing/energy-program/energy-star-portfolio-manager>**

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