



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

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January 10, 2014

Mr. Chris Liu, Director  
Washington State Department of Enterprise Services  
PO Box 41401  
Olympia, WA 98504-1401

RE: Ecology's Report for Executive Order 12-06

Dear Director Liu:

I am pleased to submit the Department of Ecology's reporting documents for Executive Order 12-06. Ecology has a long history of tracking energy usage and undertaking cost effective efficiency improvements. We have completed benchmarking and the investment grade audits, with the intention of completing the upgrades identified by the audits.

The Agency is continuing efforts to reduce energy use and green house gas emissions. For example, we are undertaking a new project that will replace end-of-life mechanical systems for heating and cooling at the Lacey headquarters building, and replacing light fixtures with more energy efficient products across multiple buildings.

Ecology is committed to monitoring and benchmarking energy usage to ensure our systems continue to operate efficiently. It is Ecology's goal to lead by example and help other agencies reduce energy and green house gas emissions.

Sincerely,

  
Maia D. Bellon  
Director

Enclosures

cc: Donna Albert, DES Energy Office  
Robert Bergquist, Ecology



# Executive Order 12-06 Report

## ACHIEVING ENERGY EFFICIENCY IN STATE BUILDINGS

December 2013

<b>Agency Name:</b>	Department of Ecology
<b>Agency Point of Contact:</b>	Stephen Fry
<b>Point of Contact Title:</b>	Facility Manager
<b>Telephone Number:</b>	360-407-6018
<b>E-mail Address:</b>	Sfry461@ecy.wa.gov

**Describe benchmarking, metering, audits, and energy retrofits completed by the agency in 2013 to meet the requirements of EO 12-06:**

**Ecology completed benchmarking and additional in-depth energy audits for the Lacey headquarters building.**

**Describe benchmarking, metering, audits, and energy retrofits that the agency plans to implement in 2014 to meet the requirements of EO 12-06:**

**The HVAC equipment serving the agency's headquarters building is at the end of its life. The agency is working to replace the HVAC equipment with more efficient equipment. Ecology is also working on replacing the site lighting at its Spokane, Eastern Regional Office with LED equivalents.**

**Describe how the agency used Energy Star Portfolio Manager benchmarking in lease negotiations for new or renewed leases in 2013:**

**No leases were negotiated during this timeframe.**

Executive Order 12-06 Reporting Form

**Describe actions that will be taken to save energy through operational changes and continuous monitoring using Portfolio Manager in 2014:**

**The agency continues to use energy monitoring to make system adjustments to equipment and maintenance practices.**

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**Attachment:**

**Agency Progress in Implementing EO 12-06 (Please attach the EO 12-06 Benchmarking and Retrofit Checklist here.)**

**Resources:**

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

**FIS OWNED 2012**

AS OF 10/1/12

Number			Association					Space Type															
Agency	Unique Facility Identifier	Agency SAAM Number	Agency Assigned Regional Name	Agency Assigned Regional Number	Agency Assigned Common Name	Agency Assigned Number	Agency Assigned Associated Complex, Campus, Regional Center	Reported Square Feet	Primary Space Type	No Benchmarking Required	Benchmarking Required	Benchmarking Completed	Energy Data in Portfolio Manager Current	No Preliminary Audit Required	Comprehensive Preliminary Audit Requested	Comprehensive Preliminary Audit Completed	No Cost Effective Energy Conservation Measures Identified	Investment Grade Audit Initiated	Investment Grade Audit Completed	No Cost Effective Projects Identified	Cost Effective Projects Initiated	All Cost Effective Projects Completed	All Required Actions Completed and Current
ECY	A00289	461	PADILLA BAY	E11494200000	PADILLA BAY INTERPRETIVE CENTER	E11494200000		13377	590				X						X	X	X	X	X
ECY	A01349	461	PADILLA BAY	E11494200000	PADILLA BAY BARN	E11494200000		4441	730				X						X	X	X	X	X
ECY	A01817	461	PADILLA BAY	E11494200000	PADILLA BAY BUNK HOUSE	E11494200000		2498	900				X						X	X	X	X	X
ECY	A02638	461	PADILLA BAY	E11494200000	PADILLA BAY PETH FARM	E11494200000		420	730	X				X			X			X			X
ECY	A05064	461	ECOLOGY HEADQUARTERS BUILDING	92593	HEADQUARTERS BUILDING	92593		330000	310	X			X						X	X	X	X	X
ECY	A07316	461	PADILLA BAY	E11494200000	PADILLA BAY FARM HOUSE	E11494200000		2580	310	X			X						X	X	X	X	X
ECY	A07949	461	PADILLA BAY	E11494200000	PADILLA BAY LAB	E11494200000		3440	270	X			X						X	X	X	X	X
ECY	A09775	461	EASTERN REGIONAL OFFICE		EASTERN REGIONAL OFFICE			45000	310				X						X	X	X	X	X
ECY	A10792	461	PADILLA BAY	E11494200000	PADILLA BOAT BARN	E11494200000		2501	730	X			X	X				X		X			X