



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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November 26, 2014

Mr. Chris Liu, Director
Washington State Department of Enterprise Services
P.O. 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,

A handwritten signature in blue ink that reads "Maia D. Bellon". The signature is fluid and extends to the right with a long horizontal stroke.

Maia D. Bellon
Director

Enclosures

cc: Donna Albert, DES Energy Office
Robert Bergquist



Executive Order 12-06 Report

ACHIEVING ENERGY EFFICIENCY IN STATE BUILDINGS

December 2014

Agency Name:	Department of Ecology
Agency Point of Contact:	Stephen Fry / Fran Huntington
Point of Contact Title:	Facility Managers
Telephone Number:	360-407-6018 / 360-407-7028
E-mail Address:	Sfry461@ecy.wa.gov / fhun461@ecy.wa.gov

Describe benchmarking, metering, audits, and energy retrofits completed by the agency in 2014 to meet the requirements of EO 12-06:

Ecology has initiated upgrades to exterior lighting in Spokane eastern regional office and extensive HVAC upgrades in the Lacey headquarters facility. Both will be completed in 2015.

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

Ecology will complete those projects started in 2014 and begin a measurement and verification period.

Describe how the agency used Energy Star Portfolio Manager benchmarking in lease negotiations for new or renewed leases in 2014:

Department of Enterprise Services, Division of Real Estate Services is the State's statutory agency responsible for all lease negotiations on behalf of 'other' state agencies. Because of this requirement, the Department of

Executive Order 12-06 Reporting Form

Ecology has not engaged in 'lease negotiations' for new or renewed leases in 2014 making use of data stored within Energy Star Portfolio Manager. The data within the Energy Star Portfolio Manager is available and accessible for the Department of Enterprise Services to use in their lease negotiations.

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

We continue to use data in portfolio manager to compare with past data in portfolio manager. Anomalies in new data vs. previous data are investigated to find and correct causes of extra energy use.

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>

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	X
ECY	A01349	461	PADILLA BAY	E11494200000	PADILLA BAY BARN	E11494200000		4441	730			X					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	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	X
ECY	A07316	461	PADILLA BAY	E11494200000	PADILLA BAY FARM HOUSE	E11494200000		2580	310	X		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	X
ECY	A09775	461	EASTERN REGIONAL OFFICE		EASTERN REGIONAL OFFICE			45000	310			X					X	X	X	X	X	X
ECY	A10792	461	PADILLA BAY	E11494200000	PADILLA BOAT BARN	E11494200000		2501	730	X		X	X				X	X	X	X	X	X