



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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November 30, 2015

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 (Ecology) reporting documents for Executive Order 12-06. Ecology has a long history of tracking energy usage and undertaking cost effective efficiency improvements.

Ecology is continuing efforts to reduce energy use and green house gas emissions. For example, we have completed the replacement of the end-of-life mechanical systems for heating and cooling at the Lacey headquarters building and are continuing to replace 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



Executive Order 12-06 Report

ACHIEVING ENERGY EFFICIENCY IN STATE BUILDINGS

December 2015

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 2015 to meet the requirements of EO 12-06:

Ecology has completed upgrades to low-level dimming LED exterior lighting in our Spokane eastern regional office and is about complete replacing old and inefficient HVAC equipment and controls in the Lacey headquarters facility.

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

Ecology will complete the HVAC project 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 2015:

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 Ecology has not engaged in 'lease negotiations' for new or renewed leases in 2015, 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.

Executive Order 12-06 Reporting Form

Describe actions that will be taken in 2016 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>

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

2015

Agency	Unique Facility Identifier	Agency SAAM Number	Agency Assigned Regional Name	Agency Assigned Regional Number	Agency Assigned Common Name	Reported Square Feet	Primary Space Type	No Benchmarking Required	Benchmarking Required	Benchmarking Completed	Current	No Preliminary Audit Required	Requested	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
ECY	A00289	461	PADILLA BAY	E11494200000	PADILLA BAY INTERPRETIVE CENTER	13,377	590				X						X	X	X	X	X
ECY	A01349	461	PADILLA BAY	E11494200000	PADILLA BAY BARN	4,441	730				X						X	X	X	X	X
ECY	A01817	461	PADILLA BAY	E11494200000	PADILLA BAY BUNK HOUSE	2,498	900				X						X	X	X	X	X
ECY	A02638	461	PADILLA BAY	E11494200000	PADILLA BAY PETH FARM	420	730	X				X			X			X			X
ECY	A05064	461	ECOLOGY HEADQUARTERS BUILDING	92593	HEADQUARTERS BUILDING	330,000	310	X			X						X	X	X	X	X
ECY	A07316	461	PADILLA BAY	E11494200000	PADILLA BAY FARM HOUSE	2,580	310	X			X						X	X	X	X	X
ECY	A07949	461	PADILLA BAY	E11494200000	PADILLA BAY LAB	3,440	270	X			X						X	X	X	X	X
ECY	A09775	461	EASTERN REGIONAL OFFICE		EASTERN REGIONAL OFFICE	45,000	310				X						X	X	X	X	X
ECY	A10792	461	PADILLA BAY	E11494200000	PADILLA BOAT BARN	2,501	730	X			X	X				X		X			X