



Portfolio Manager Benchmarking Report

- State agencies
- Public universities
- State community and technical colleges

October 2012 through September 2014

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EXECUTIVE SUMMARY

The Building Energy Benchmarking Law (RCW 19.27A.190) requires agencies, colleges and universities to track building energy use and make their buildings more energy efficient.

The Role of DES in Benchmarking

DES established a master account for state buildings in Portfolio Manager¹. It is the responsibility of the agencies to benchmark their own facilities and link them to that account. This report summarizes data from the statewide master Portfolio Manager account. The data is listed on a website showing each agency's building energy use. Using the master account data, DES evaluated agency buildings that could not get scores and determined which required preliminary energy audits. DES used its existing Energy Savings Performance Contracting program to facilitate building energy audits. The agencies are responsible for completing those audits.

Key Findings

The 2009 law went into effect when the state was making staff and capital funding reductions. These constraints hindered agencies, colleges, and universities from meeting the statute timelines. While not fully complying with the law, agencies, colleges and universities have made substantial progress.

The greatest barrier to state-owned facilities complying with the law is a lack of meters on individual buildings. It is impossible to effectively manage the energy use of large buildings that are not separately metered. State agencies, colleges and universities must also make tracking and reducing energy use a high priority.

Recommendations

1. Provide funds to install energy meters on state buildings

Millions of square feet of state agency and college buildings on large campuses are not separately metered. Meters are required to track changes in building energy use and proactively work to reduce it.

2. Provide a Resource Conservation Management (RCM) program

The Department of Enterprise Services (DES) and the Governor's Energy Technology Subcommittee proposes the creation of a statewide Resource Conservation Management (RCM) Program to assist state agencies and institutions of higher education in reducing utility consumption, reducing utility costs, and meeting greenhouse gas reduction goals. The RCM is a champion for reporting and reducing energy use within the organization. Historically this results in avoided energy costs.

¹ A building energy tracking tool developed by the U.S. Environmental Protection Agency

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3. Provide funds for adequate staffing of facilities maintenance and operations

Facilities maintenance and operations must be adequately staffed to keep occupancy schedules up to date and to observe, troubleshoot, and adjust building systems to reduce energy use.

4. Fund projects that reduce agency energy use

New building and renovation projects as currently delivered are adding to the energy use of agencies and colleges. The Legislature and the Office of Financial Management can help reduce energy use of buildings by funding only new buildings that are Net Zero capable. A Net Zero capable building can produce as much energy as it uses over a 12-month period when solar panels are added. Alternatives that do not add space, such as shared spaces, hoteling, distance learning, cloud computing, or other creative solutions, should be seriously considered.

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OVERVIEW

RCW 19.27A.190 Energy Benchmarking

Under state law (RCW 19.27A.190), “benchmarking” is a tool for finding energy savings in state buildings. Buildings that have high-energy consumption must go through a process of energy audits. If the audit identifies a cost-effective upgrade, the agency is directed to implement it.

What Is Building Energy Benchmarking?

Building Energy Benchmarking² is recording a building’s energy use over the course of a year. This establishes a baseline that can be used to compare against similar buildings or against itself over time. Energy Use Intensity (EUI) is the unit used in benchmarking. The EUI is the total energy used in one year divided by the gross square footage of the building (kBtu/sqft). Buildings that use electricity, natural gas, propane, wood, or steam, can all be compared using this common unit of measurement. Buildings with a higher EUI use more energy per square foot than buildings with a lower EUI.

Portfolio Manager also provides scores for some building types, including offices, warehouses, dormitories, and K-12 schools. The Energy Star score can be used to compare a building to other similar buildings. Buildings scoring in the 75th percentile or better can receive Energy Star certification.

A building doesn’t need to get a score to be benchmarked. Building energy performance may also be benchmarked by recording a building’s energy use for one year and using that as a baseline for comparison with future years.

Benchmarking and monitoring building energy use

Studies have shown that metering, recording and monitoring the energy use of a building can reduce its overall energy use. Metering data can be used to:

- Identify under-performing buildings.
- Set capital improvement priorities.
- Verify efficiency improvements.
- Identify successful energy management practices.

² RCW 19.27A.140 defines “benchmark” as, “the energy used by a facility as recorded monthly for at least one year and the facility characteristics information inputs required for a portfolio manager.”

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Why Use the EPA Portfolio Manager?

The EPA Portfolio Manager computer program is free, web-based, and includes free data storage, technical support and training. It also allows statewide tracking and review of building energy use in a secure online environment. It can be used to track changes in energy and water use over time in single buildings, groups of buildings, or an entire list of buildings. Portfolio Manager offers a uniform way to disclose building energy performance.

Technical Support by Department of Enterprise Services (DES)

DES³ created a master account in the EPA Portfolio Manager for state of Washington agencies, colleges and universities. DES provided training, technical assistance, and a website containing resources and links. A copy of the [DES Portfolio Manager Webpage](#) is provided in Appendix B.

Four Steps Required by Energy Benchmarking Law

There are four steps required by the Energy Benchmarking Law:

1. Benchmarking building energy use
2. Preliminary energy audits
3. Investment grade audits
4. Building energy retrofits

Step 1: Benchmarking Building Energy Use

The Benchmarking Law makes agencies, colleges and universities responsible for developing energy benchmarks for their facilities using Portfolio Manager. The benchmarking reports are shared using a master account managed by DES. Benchmarking was required to be complete by 2010 if funding was provided. Even though funding was not provided, some agencies, colleges and universities did benchmark.

Step 2: Preliminary Energy Audits

Benchmarking results are used to identify buildings that will benefit from a preliminary energy audit. For buildings with Portfolio Manager Energy Star scores, a score of less than 50 triggers requirements for a preliminary audit. For all other buildings or campuses, DES has used the reported EUI to make recommendations for preliminary audits. (See the DES Evaluation of Non-Rated Building Types in Appendix C.)

Under the DES Energy Savings Performance Contracting (ESPC) program (Appendix D), preliminary audits are a simple review of existing buildings that finds potential energy saving measures. The preliminary audit walkthrough includes the facility manager, staff from an Energy Services Company (ESCO) firm, and a DES energy engineer. It may take a day or less to complete a preliminary audit walkthrough at a single building or small campus.

³ General Administration is now a part of the Department of Enterprise Services (DES)

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Step 3: Investment Grade Audits

If the preliminary audit identified energy saving measures, the agencies, colleges or universities were required to complete an investment grade audit by July 1, 2013.

Step 4: Building Energy Retrofits

Agencies, colleges or universities must install cost effective measures identified during the investment grade audits by July 1, 2016.

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BUILDING ENERGY BENCHMARKING

State Agency Owned Buildings

In 2014, the Office of Financial Management (OFM) Facilities Inventory showed that state agencies owned about 32 million square feet of buildings. About 12 percent of buildings greater than 10,000 square feet are benchmarked.

College Owned Buildings

In 2014, the OFM Facilities Inventory showed that colleges owned buildings totaling nearly 19.6 million square feet. Colleges own about 18 million square feet of buildings larger than 10,000 square feet. Most college buildings share utilities with other buildings on a campus. Most are not separately metered. Colleges were encouraged to benchmark at the campus level if meters were not available for each building. Colleges have benchmarked about 20 percent of the individual buildings 10,000 square feet or larger. Colleges have also benchmarked more than 70 percent of whole campus energy use.

University Owned Buildings

In 2014, the OFM Facilities Inventory showed that universities owned almost 47 million square feet of buildings. Most university buildings share utilities with other buildings on a campus. Most are not separately metered. Universities have benchmarked about 12 percent of the individual buildings 10,000 square feet or larger. Universities have also benchmarked about 70 percent of whole campus energy use.

State Agency Leased Buildings

In 2014, the OFM Facilities Inventory shows that state agency leases total about 10.6 million square feet. Over 6 million square feet is in buildings over 10,000 square feet for which the agency pays utilities directly. Most of these buildings are separately metered. Agencies have benchmarked about 50 percent, and shared them with DES in Portfolio Manager.

College Leased Buildings

In 2014, the OFM Facilities Inventory shows that college leases total about 870,000 square feet. About 510,000 square feet is in buildings over 10,000 square feet for which the college pays utilities directly. Colleges have benchmarked and shared about 6 percent of leased buildings over 10,000 square feet with DES.

University Leased Buildings

In 2014, the OFM Facilities Inventory shows that university leases total about 2 million square feet. University pays utilities directly in buildings over 10,000 square feet in size. Universities have benchmarked and shared about 3 percent of leased buildings over 10,000 square feet with DES.

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Summary of Building Energy Completed Benchmarking

Table 2.1, 2.2 and 2.3 summarize the benchmarking status of state agencies, colleges and universities.

Table 2.1 - Agency, College and University Campuses Energy Benchmarked

	Benchmarked at Campus Level (% of SF)
Agencies	Indeterminate at this time
Colleges	74%
Universities	70%

Table 2.2 - Agency, College and University Owned Buildings Over 10,000 SF Energy Benchmarked

	Benchmarked at Building Level (% of SF)
Agencies	13%
Colleges	20%
Universities	12%

Table 2.3 - Agency, College and University Leased Buildings Over 10,000 SF Energy Benchmarked

	Benchmarked at Building Level (% of SF)
Agencies	50%
Colleges	6%
Universities	3%

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PRELIMINARY AUDITS

DES recommended audits for buildings or campuses using more energy than average for the agency. Preliminary audits were also recommended for agencies, colleges and universities not benchmarked at either the building or campus level. DES has urged agencies and colleges to do comprehensive preliminary audits that include all energy using systems in each building and all buildings on each campus.

Preliminary Audits Completed in Owned Buildings

In July 2011, DES identified 27 out of 34 colleges that were not benchmarked or that used more energy than average. For these 27, they recommended energy audits. Since then, 23 out of the 27 colleges have completed preliminary audits.

Universities recommended for preliminary audits are auditing buildings on campuses. Although agencies and universities have done preliminary audits, DES was unable to confirm that those preliminary audits were comprehensive and included all facilities.

Table 3.1 - Percent of completed DES recommended preliminary audits

	Number of Agencies Recommended For Audits By DES	Percent of Recommended Audits Completed
Agencies	14	---*
Colleges	27	85%
Universities	4	--*

**Although agencies and universities have done preliminary audits, DES was unable to confirm that those preliminary audits were comprehensive and included all facilities.*

Preliminary Audits Completed in Leased Buildings

DES has been incorporating preliminary audits and cost-effective energy savings ideas into the renewal process. Energy audits, or their equivalent, are an integral part of the building condition assessment and long-term housing decisions.

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INVESTMENT GRADE AUDITS

Agencies, colleges or universities that were using more energy than average in July 2011 were required to complete Investment Grade Audits by July 2013. Table 4.1 shows the progress toward completing energy audits and retrofits at those agencies, colleges and universities. Informal conversations with agency, college and university staff indicate most of the increased audit and retrofit activity is due to grants from the Department of Commerce.

Table 4.1 - Energy Audits and Retrofits 2009 – 2013 (by agencies, colleges and universities identified in 2011 as not benchmarked or using more energy than average)

	Preliminary Audits Initiated In Some Facilities	Some Cost Effective Measures From Audits Implemented	Measures From Audits Implemented (within available funds)
Agencies	23%	17%*	---*
Colleges	90%	81%	41%
Universities	67%	67%*	---*

**Percentages shown for audits and retrofits completed at agencies and universities are approximate*

It is easier to collect meaningful data on building energy audits and retrofits at colleges than at agencies or universities because college audits usually include whole campuses.

BUILDING ENERGY RETROFITS

Agencies must install all cost effective measures of audits by July 2016. Colleges have completed more than 40 percent of required retrofits. Some retrofits at agencies and universities are underway or completed.

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SUCCESS STORIES

Employment Security Department (ESD) is pursuing operational and occupant-driven savings in smaller leased buildings:

Smaller buildings are not attractive projects for large Energy Services Companies (ESCOs), and leased buildings are usually not candidates for DES ESPC projects. ESD is consulting with building owners, local utilities, and building occupants to identify and pursue energy reduction measures in their small, leased spaces. They are also using the Portfolio Manager building energy score and EUI in lease negotiations. ESD is actively benchmarking and tracking energy use in all facilities, even those less than 10,000 square feet or otherwise not required by law to be benchmarked.

Occupant energy saving measures are applied agency wide:

- Replacing all standalone printers, faxes and copiers to multi-functional devices that go into sleep mode when not in use
- Restricting the purchase and use of space heaters

Employment Security point of contact for this report:

Carrie McNamara, Facilities Planner

(360) 407-4524, cmcnamara@esd.wa.gov

The Attorney General's Office (ATG) reduced costs by making small adjustments to building energy using systems and raised their building score above 75:

The ATG leases one building that is benchmarked in Portfolio Manager. In a little over a year's time, adjustments and fine tuning to this building's energy consuming systems resulted in a dramatic increase in efficiency and decrease in energy cost. The original baseline for the period ending in August of 2008 was an energy star rating of 61. After the work, for the period ending April of 2012, the building rated a score of 85. In addition, the 17-month period following project initiation (December of 2010 through June of 2012) captured a savings of \$41,724 on utility bills.

ATG point of contact for this report:

Cami Feek, Facilities and Office Services Director

(360) 586-4079, camif@atg.wa.gov

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Department of Enterprise Services (DES) Capitol Campus has reduced building energy use from 2009 to 2013:

DES has been tracking actual energy use of the Capitol Campus and entering it into the Portfolio Manager. This shows the results of energy retrofit projects and energy conservation efforts over a period of years. Energy Use Intensity (EUI) is energy use per square foot, measured in units of kBtu/sf. The accumulated carbon dioxide reduction from 2007 to 2013 is equal to 17,047 tons.

	Energy Use Intensity (EUI)						
	2007	2008	2009	2010	2011	2012	2013
DES Capital Campus	124	120	118	110	112	112	105

DES point of contact for this report:
 Ron Major, DES Resource Conservation Manager
 (360)239-4134, ron.major@des.wa.gov

Department of Ecology (ECY) has reduced building energy use from 2009 to 2013:

Department of Ecology has been tracking actual energy use in their buildings and entering it into the Portfolio Manager. Lower energy use is a result of energy retrofit projects and energy conservation efforts over a period of years:

Building	Energy Use Intensity (EUI)					Energy Star Score
	2009	2010	2011	2012	2013	
ECY Bellingham Field Office	46	34	37	36		72
ECY Central Regional Office	70	89	73	55	51	77
ECY Eastern Regional Office	62	63	57	48	50	96
ECY Lacey HQ	68	63	66	56	54	94
ECY Northwest Regional Office	50	48	49	46	47	83
ECY Padilla Bay National Estuarine Research Reserve (several buildings)	--	--	50	43	--	N/A

ECY point of contact for this report:
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 (360) 407-6222, hade461@ecy.wa.gov

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ISSUES AND CHALLENGES

The following issues and challenges have prevented the Benchmarking program from collecting complete and accurate results. They have been brought to our attention by facilities staff at agencies and colleges:

1. The lack of meters on state agency buildings and college campuses has prevented benchmarking at the building level. This makes it difficult if not impossible for agency and college staff to effectively manage their energy use.
2. Cuts to facilities staff have often left agencies and colleges without adequate staff to benchmark and track energy use.
3. Actively managing and reducing energy use is not a high priority of management at some agencies and colleges.
4. Since the Portfolio Manager software is difficult for the casual user, there are errors and inconsistencies in the reported energy use data.
5. User-friendly automated benchmarking by commercial utilities is not always available in Washington.
6. There is no established funding for making energy efficiency improvements to buildings leased by state agencies.

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RECOMMENDATIONS

Provide funds to install energy meters on state buildings – Millions of square feet of state agency and college buildings are not separately metered. It's impossible to benchmark and track the energy use of a building that is not metered.

Provide a Resource Conservation Management (RCM) Program – DES and the Governor's Energy Technology Subcommittee proposed forming a statewide Resource Conservation Management (RCM) Program to standardize energy reporting for state agencies and institutions of higher education. The proposal urges the use of Portfolio Manager to track energy use. An established energy advocate would provide needed supervision and strategic planning for public agencies, allowing them to focus on their core missions and meet the operational goals required by law.

Provide adequate funds for staffing facilities maintenance and operations – Routine maintenance, such as filter replacement and proactive maintenance practices, keeps energy use lower and extends equipment life. Adequate staffing is required to keep systems running when they should and limit energy use when buildings are not occupied.

Fund projects that reduce agency energy use – Currently, new buildings and renovation projects are adding to the energy use of agencies and colleges. Future energy use can be limited by funding only new buildings that are capable of using less energy than they make. If done correctly, renovations can dramatically reduce the energy use of existing buildings. Renovation alternatives that don't add space such as shared spaces, hoteling, distance learning, cloud computing, or other creative solutions, should be seriously considered

Create a culture of conservation and sustainability – Thousands of energy-related decisions are made every day by building occupants and agency staff. Possible no-cost or low-cost energy saving opportunities originate in these day-to-day decisions. Management support for energy savings efforts is essential. A culture of conservation and sustainability helps everyone find the best way to complete their mission while still striving for their energy reduction goals. This approach is consistent with Lean principles of continuous improvement.

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APPENDICES

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Appendix A - Energy Benchmarking Law (RCW)

Qualifying public agency duties - Performance rating - Reports.

RCW 19.27A.190

- (1) The requirements of this section apply to the *department of general administration and other qualifying state agencies only to the extent that specific appropriations are provided to those agencies referencing chapter 423, Laws of 2009 or chapter number and this section.
- (2) By July 1, 2010, each qualifying public agency shall:
 - (a) Create an energy benchmark for each reporting public facility using a portfolio manager;
 - (b) Report to *general administration, the environmental protection agency national energy performance rating for each reporting public facility included in the technical requirements for this rating; and
 - (c) Link all portfolio manager accounts to the state portfolio manager master account to facilitate public reporting.
- (3) By January 1, 2010, *general administration shall establish a state portfolio manager master account. The account must be designed to provide shared reporting for all reporting public facilities.
- (4) By July 1, 2010, *general administration shall select a standardized portfolio manager report for reporting public facilities. *General administration, in collaboration with the United States environmental protection agency, shall make the standard report of each reporting public facility available to the public through the portfolio manager web site.
- (5) *General administration shall prepare a biennial report summarizing the statewide portfolio manager master account reporting data. The first report must be completed by December 1, 2012. Subsequent reporting shall be completed every two years thereafter.
- (6) By July 1, 2010, *general administration shall develop a technical assistance program to facilitate the implementation of a preliminary audit and the investment grade energy audit. *General administration shall design the technical assistance program to utilize audit services provided by utilities or energy services contracting companies when possible.
- (7) For a reporting public facility that is leased by the state with a national energy performance rating score below seventy-five, a qualifying public agency may not enter into a new lease or lease renewal on or after January 1, 2010, unless:
 - (a) A preliminary audit has been conducted within the last two years; and
 - (b) The owner or lessor agrees to perform an investment grade audit and implement any cost-effective energy conservation measures within the first two years of the lease agreement if the preliminary audit has identified potential cost-effective energy conservation measures.

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- (8) (a) Except as provided in (b) of this subsection, for each reporting public facility with a national energy performance rating score below fifty, the qualifying public agency, in consultation with *general administration, shall undertake a preliminary energy audit by July 1, 2011. If potential cost-effective energy savings are identified, an investment grade energy audit must be completed by July 1, 2013. Implementation of cost-effective energy conservation measures are required by July 1, 2016. For a major facility that is leased by a state agency, college, or university, energy audits and implementation of cost-effective energy conservation measures are required only for that portion of the facility that is leased by the state agency, college, or university.
- (b) A reporting public facility that is leased by the state is deemed in compliance with (a) of this subsection if the qualifying public agency has already complied with the requirements of subsection (7) of this section
- (9) Schools are strongly encouraged to follow the provisions in subsections (2) through (8) of this section.
- (10) The director of the *department of general administration, in consultation with the affected state agencies and the office of financial management, shall review the cost and delivery of agency programs to determine the viability of relocation when a facility leased by the state has a national energy performance rating score below fifty. The *department of general administration shall establish a process to determine viability.
- (11) *General administration, in consultation with the office of financial management, shall develop a waiver process for the requirements in subsection (7) of this section. The director of the office of financial management, in consultation with *general administration, may waive the requirements in subsection (7) of this section if the director determines that compliance is not cost-effective or feasible. The director of the office of financial management shall consider the review conducted by the *department of general administration on the viability of relocation as established in subsection (10) of this section, if applicable, prior to waiving the requirements in subsection (7) of this section.
- (12) By July 1, 2011, *general administration shall conduct a review of facilities not covered by the national energy performance rating. Based on this review, *general administration shall develop a portfolio of additional facilities that require preliminary energy audits. For these facilities, the qualifying public agency, in consultation with *general administration, shall undertake a preliminary energy audit by July 1, 2012. If potential cost-effective energy savings are identified, an investment grade energy audit must be completed by July 1, 2013.

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RCW 19.27A.140

The definitions in this section apply to RCW [19.27A.130](#) through [19.27A.190](#) and [19.27A.020](#) unless the context clearly requires otherwise.

- (1) "Benchmark" means the energy used by a facility as recorded monthly for at least one year and the facility characteristics information inputs required for a portfolio manager.
- (2) "Conditioned space" means conditioned space, as defined in the Washington state energy code.
- (3) "Consumer-owned utility" includes a municipal electric utility formed under Title [35](#) RCW, a public utility district formed under Title [54](#) RCW, an irrigation district formed under chapter [87.03](#) RCW, a cooperative formed under chapter [23.86](#) RCW, a mutual corporation or association formed under chapter [24.06](#) RCW, a port district formed under Title [53](#) RCW, or a water-sewer district formed under Title [57](#) RCW, that is engaged in the business of distributing electricity to one or more retail electric customers in the state.
- (4) "Cost-effectiveness" means that a project or resource is forecast:
 - (a) To be reliable and available within the time it is needed; and
 - (b) To meet or reduce the power demand of the intended consumers at an estimated incremental system cost no greater than that of the least-cost similarly reliable and available alternative project or resource, or any combination thereof.
- (5) "Council" means the state building code council.
- (6) "Embodied energy" means the total amount of fossil fuel energy consumed to extract raw materials and to manufacture, assemble, transport, and install the materials in a building and the life-cycle cost benefits including the recyclability and energy efficiencies with respect to building materials, taking into account the total sum of current values for the costs of investment, capital, installation, operating, maintenance, and replacement as estimated for the lifetime of the product or project.
- (7) "Energy consumption data" means the monthly amount of energy consumed by a customer as recorded by the applicable energy meter for the most recent twelve-month period.
- (8) "Energy service company" has the same meaning as in RCW [43.19.670](#).
- (9) "Enterprise services" means the department of enterprise services.
- (10) "Greenhouse gas" and "greenhouse gases" includes carbon dioxide, methane, nitrous oxide, hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride.
- (11) "Investment grade energy audit" means an intensive engineering analysis of energy efficiency and management measures for the facility, net energy savings, and a cost-effectiveness determination.

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- (12) "Investor-owned utility" means a corporation owned by investors that meets the definition of "corporation" as defined in RCW [80.04.010](#) and is engaged in distributing either electricity or natural gas, or both, to more than one retail electric customer in the state.
- (13) "Major facility" means any publicly owned or leased building, or a group of such buildings at a single site, having ten thousand square feet or more of conditioned floor space.
- (14) "National energy performance rating" means the score provided by the energy star program, to indicate the energy efficiency performance of the building compared to similar buildings in that climate as defined in the United States environmental protection agency "ENERGY STAR; Performance Ratings Technical Methodology."
- (15) "Net zero energy use" means a building with net energy consumption of zero over a typical year.
- (16) "Portfolio manager" means the United States environmental protection agency's energy star portfolio manager or an equivalent tool adopted by the department of enterprise services.
- (17) "Preliminary energy audit" means a quick evaluation by an energy service company of the energy savings potential of a building.
- (18) "Qualifying public agency" includes all state agencies, colleges, and universities.
- (19) "Qualifying utility" means a consumer-owned or investor-owned gas or electric utility that serves more than twenty-five thousand customers in the state of Washington.
- (20) "Reporting public facility" means any of the following:
 - (a) A building or structure, or a group of buildings or structures at a single site, owned by a qualifying public agency, that exceed ten thousand square feet of conditioned space;
 - (b) Buildings, structures, or spaces leased by a qualifying public agency that exceeds ten thousand square feet of conditioned space, where the qualifying public agency purchases energy directly from the investor-owned or consumer-owned utility;
 - (c) A wastewater treatment facility owned by a qualifying public agency; or
 - (d) Other facilities selected by the qualifying public agency.
- (21) "State portfolio manager master account" means a portfolio manager account established to provide a single shared portfolio that includes reports for all the reporting public facilities.

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RCW 19.27A.170

- (1) On and after January 1, 2010, qualifying utilities shall maintain records of the energy consumption data of all nonresidential and qualifying public agency buildings to which they provide service. This data must be maintained for at least the most recent twelve months in a format compatible for uploading to the United States environmental protection agency's energy star portfolio manager.
- (2) On and after January 1, 2010, upon the written authorization or secure electronic authorization of a nonresidential building owner or operator, a qualifying utility shall upload the energy consumption data for the accounts specified by the owner or operator for a building to the United States environmental protection agency's energy star portfolio manager in a form that does not disclose personally identifying information.
- (3) In carrying out the requirements of this section, a qualifying utility shall use any method for providing the specified data in order to maximize efficiency and minimize overall program cost. Qualifying utilities are encouraged to consult with the United States environmental protection agency and their customers in developing reasonable reporting options.
- (4) Disclosure of nonpublic nonresidential benchmarking data and ratings required under subsection (5) of this section will be phased in as follows:
 - (a) By January 1, 2011, for buildings greater than fifty thousand square feet; and
 - (b) By January 1, 2012, for buildings greater than ten thousand square feet.
- (5) Based on the size guidelines in subsection (4) of this section, a building owner or operator, or their agent, of a nonresidential building shall disclose the United States environmental protection agency's energy star portfolio manager benchmarking data and ratings to a prospective buyer, lessee, or lender for the most recent continuously occupied twelve-month period. A building owner or operator, or their agent, who delivers United States environmental protection agency's energy star portfolio manager benchmarking data and ratings to a prospective buyer, lessee, or lender is not required to provide additional information regarding energy consumption, and the information is deemed to be adequate to inform the prospective buyer, lessee, or lender regarding the United States environmental protection agency's energy star portfolio manager benchmarking data and ratings for the most recent twelve-month period for the building that is being sold, leased, financed, or refinanced.
- (6) Notwithstanding subsections (4) and (5) of this section, nothing in this section increases or decreases the duties, if any, of a building owner, operator, or their agent under this chapter or alters the duty of a seller, agent, or broker to disclose the existence of a material fact affecting the real property.

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Appendix B - DES Portfolio Manager Webpage





<http://www.des.wa.gov/services/facilities/Energy/EnergyStar>

Energy Star Portfolio Manager

Public Building Energy Use Report

- State Agency, College and University building energy use

Portfolio Manager resources for state agencies, colleges and universities

- Portfolio Manager Overview and Account Login
- RCW 19.27A.190 - Qualifying public agency duties - Energy benchmark
- RCW 19.27A.140 Definitions
- RCW 19.27A.170 Utilities
- Step-by-Step Instructions for State Agencies, Colleges and Universities 
- Frequently Asked Questions 
- Metering buildings
- DES Evaluation of Non-Rated Building Types
- How to Share a Facility with DES 
- Request Energy Data from Utilities 

Training

- Energy Star Online Training Sessions

For more information contact:

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Extension Energy Program

<http://www.energy.wsu.edu/>

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Appendix C - DES Audit Recommendations

(As posted on GA website in July 2011, with agency name changed to DES, and updated phones.)

DES Evaluation of Non-Rated Building Types

Many state agency and college buildings are not ENERGY STAR Portfolio Manager Rated Building Types. For instance, offices and warehouses are Rated Building Types, but college classroom buildings and prisons are not. RCW 19.27A.190 required General Administration to evaluate non-rated building types by July 1, 2011, to determine which of these buildings need preliminary energy audits.

Site Energy Use Intensity (EUI)

Site Energy Use Intensity (EUI) will be used to identify buildings, which may benefit from an energy audit. The EUI is the annual energy use of each building per square foot. If the building is on a campus with shared utilities, and is not yet individually metered, the campus EUI will be used. The building or campus EUI may be compared to the average EUI in the State portfolio for that building or campus type, or the National Average Site Energy Use Intensity (EUI) of a similar building type in the EIA Commercial Buildings Energy Consumption Survey (CBECS). The National Average EUI is useful as a rough comparison, although buildings with unique energy demands may vary from the average.

Using Building Energy Performance Distributions to Find Savings Opportunities

The data collected by EPA to create Rated Building Types is useful for estimating the potential energy savings available in non-rated buildings. For example, buildings in the lowest-performing quartile use more than 35% more energy than the average building. A small number of worst performers use more than twice as much energy as the average. It is likely that non-rated building types have similar performance distributions. For this reason, buildings using more energy than the average make good candidates for preliminary energy audits.

Some building types use more energy. Food Service and Science Buildings are examples of energy intensive buildings. A high EUI does not mean the building is inefficient. However, the financial benefit of reducing the energy use of a science building by just 10% may be the same as reducing the energy use of an office building by 30%. 5-10% savings can often be found in no-cost or low-cost operational or controls adjustments. For this reason, all buildings with high EUI make good candidates for preliminary energy audits.

Based on the probable energy performance distribution of non-rated building types, and the greater financial benefit from small percentages of energy savings in buildings using more energy per square foot, preliminary audits are recommended for all non-rated buildings using more energy than the average of comparable buildings.

Colleges -- Half of the community and technical college campuses reporting in the State portfolio have EUI under 80. Campuses using less than 80 kBtu/sf-yr routinely benefit from GA Energy audits that produce cost effective energy conservation measures. Comprehensive preliminary audits are recommended for community and technical college campuses with campus average EUI greater than 80.

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Universities – Comprehensive preliminary audits are recommended for university campuses with campus average EUI greater than 120 (all universities are already conducting audits).

Large Agencies -- GA recommends that agencies with large numbers of buildings, such as DOT, DOC and DSHS, initiate comprehensive preliminary audits of campuses, which use more energy than the average campus in that agency.

Small Agencies -- Agencies with small numbers of buildings will not have enough data to find averages. Preliminary audits are recommended for non-rated building types over 10,000 gsf with EUI greater than 80.

When all state agency and college buildings are individually metered and benchmarked, the building energy use data may be specific enough to identify buildings with lower EUI that would benefit from energy audits. For instance, colleges can compare classroom buildings or gymnasiums across the state portfolio, taking into account differences such as hours of use. At this time, there are not enough state agency and college buildings separately metered and benchmarked to allow this level of analysis.

List of Recommended Preliminary Audits, To Be Completed by July 1, 2012

For all agency or college buildings not benchmarked in Portfolio Manager by July 1, 2011, a preliminary audit is recommended, to be initiated by November 1, 2011 to allow collection of energy data during the winter heating season. The Energy Services Company (ESCO) performing the preliminary audit will put facilities into Portfolio Manager (will benchmark buildings) for the agency or college for a nominal fee. Buildings or campuses will be taken off the list recommending an audit if benchmarking shows they use less than the average EUI as described above and in the table below, and if the preliminary audit found no cost effective energy conservation measures.

The benchmarked status of all agency and college buildings as of July 1, 2012 will be reported to the legislature in a report on December 1, 2012.

If your agency or college is on the list of recommended preliminary audits, please request an audit from GA Energy, or follow the GA ESPC Guidelines to procure the audit from an Energy Services Company. You may request to be taken off the list if a comprehensive audit was done within the last 5 years, and all cost effective measures implemented.

Click here to view the list:

Recommended Preliminary Audits for College and Universities

Recommended Preliminary Audits for State Agencies

For more information contact:

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Recommended Preliminary Audits for State Agencies

1. Building uses unique to agencies like DSHS or DOT may not fit Commercial Building Energy Consumption Survey (CBECS) categories neatly. Agencies will benefit from comparing energy use of similar facilities within the agency.
2. Preliminary audits are recommended for buildings greater than 10,000 gsf that use more energy per square foot than the average agency building.
3. Large buildings with high Energy Use Intensity (EUI) have the greatest opportunity for savings because even small percentages of improvement can create substantial savings.
4. Campuses are good candidates for audits even if the campus average is not high. It is probable that some buildings on the campus use energy well above the average.
5. By metering each building and tracking energy use over time, agencies can continuously improve performance.
6. Preliminary audits are recommended for all buildings or campuses not benchmarked in Portfolio Manager, although it would be preferable to find the best candidates by benchmarking before starting audits.

Agencies for which no audits are recommended

Based on the available data, no preliminary audits were recommended for the following agencies:

- Agriculture, Department of
- Commerce
- Ecology, Department of
- Financial Institutions, Department of
- Financial Management, Department of
- Health, Department of
- Health Care Authority
- Historical Society
- Lottery
- Parks Commission
- Personnel, Department of
- Utilities and Transportation Commission

Agencies not benchmarked, or partially benchmarked

Based on the available data, the following agencies are not benchmarked or are in the process of benchmarking. There is insufficient information to determine which facilities in these agencies need audits:

- General Administration, Department of
- Information Services, Department of
- Licensing, Department of
- Liquor Control Board
- Military Department (*WSU Extension Energy is providing assistance*)
- Natural Resources, Department of (*DNR has requested assistance from WSU Extension Energy*)

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For all agency buildings not benchmarked in Portfolio Manager by July 1, 2011, a comprehensive preliminary audit is recommended, to be initiated by November 1, 2011 to allow collection of energy data during the winter heating season. The Energy Services Company (ESCO) performing the preliminary audit will benchmark the facilities for the agency or college for a nominal fee. Buildings or campuses will be taken off the list recommending an audit if benchmarking shows they use less than the average EUI as described above and in the table below, and if the preliminary audit found no cost effective energy conservation measures. The benchmarked status of all agency and college buildings as of July 1, 2012 will be reported to the legislature in a report on December 1, 2012.

Agencies for which preliminary audits are recommended

Based on the available data, preliminary audits were recommended for the following agencies:

- **Corrections, Department of** (*WSU Extension Energy has benchmarked facilities and shared with GA. GA is reviewing. Comprehensive audits will be recommended for facilities with higher than average for similar DOC facilities. DOC is already working with an ESCO.*)
- **Transportation, Department of** (*DOT has benchmarked most buildings, and is doing quality control on data. GA will work with DOT to recommend audits of buildings having higher than average energy use for similar DOT facilities. DOT is already working with an ESCO.*)
- **Employment Security, Department of**
Preliminary audits are recommended for buildings greater than 10,000 gsf that use more energy per square foot than the average ESD building (EUI of 80), and for which ESD is billed directly for utilities. For building uses unique to ESD that do not fit the office category, ESD will benefit from comparing energy use of similar facilities within the agency.
- **Fish and Wildlife, Department of**
A preliminary audit is recommended for WDFW Region 4 Office, which is a Rated Building Type with a rating of less than 50.
- **Labor and Industries, Department of**
Preliminary audits are recommended for buildings greater than 10,000 gsf that use more energy per square foot than the average L&I building (EUI of 60). Building uses unique to L&I may not fit the office category. L&I will benefit from comparing energy use of similar facilities within the agency.
- **Patrol, State**
Preliminary audits are recommended for buildings greater than 10,000 gsf that use more energy per square foot than the average WSP building (EUI of 111). The labs and Maryville campus were excluded from the average EUI calculation. Building uses unique to WSP may not neatly fit rated building types or CBECS categories. WSP will benefit from comparing energy use of similar facilities within the agency.
- **Revenue, Department of**
A preliminary audit is recommended for DOR 6300 Linderson Bldg, which is a Rated Building Type with a rating of less than 50.

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- **Social and Health Services, Department of**

Preliminary audits are recommended for buildings greater than 10,000 gsf that use more energy per square foot than the average DSHS building (EUI of 116). Building uses unique to DSHS may not neatly fit rated building types or CBECs categories. DSHS will benefit from comparing energy use of similar facilities within the agency. This recommendation to DSHS is based on available data, which may not be complete.

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Recommended Audits for Colleges and Universities

1. Large buildings with high Energy Use Intensity (EUI) have the greatest opportunity for savings because even small percentages of improvement can create substantial savings.
2. Campuses are good candidates for audits even if the campus average is not high. It is probable that some buildings on the campus use energy well above the average.
3. By metering each building and tracking energy use over time, colleges and universities can continuously improve performance.
4. Preliminary audits are recommended for all buildings or campuses not benchmarked in Portfolio Manager, although it would be preferable to find the best candidates by benchmarking before starting audits.

Recommendations for Colleges

Comprehensive preliminary energy audits of all campus buildings are recommended for college campuses having an EUI greater than 80. Many colleges are already doing audits.

Benchmarked College Energy Use	EUI
Highline Community College	144
Community Colleges of Spokane	103
Tacoma Community College	94
Skagit Valley College	87
Columbia Basin College Total	83
Cascadia Community College	77
Bates Technical College	73
Yakima Valley Community College	66
Lake Washington Technical College	58
Grays Harbor College	52

Average campus EUI (highest and lowest values disregarded) 80

National Average from CBECS database 120

Colleges for which no audits are recommended

Based on the available data, no preliminary audits were recommended for the following colleges:

- Bates Technical College
- Cascadia Community College
- Yakima Valley Community College
- Lake Washington Technical College
- Grays Harbor College

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Colleges for which preliminary audits are recommended

Based on the available data, preliminary audits are recommended for the following colleges:

- Columbia Basin College
- Community Colleges of Spokane
- Highline Community College
- Skagit Valley College
- Tacoma Community College

Colleges not benchmarked, or partially benchmarked

Based on the available data, the following colleges are not benchmarked or are in the process of benchmarking. There is insufficient information to determine which facilities need audits. Most of these colleges are working with WSU Energy or an ESCO, and are benchmarking.

- Bellevue College (*BCC is moving energy data from Utility Manager into Portfolio Manager*)
- Bellingham Technical College (*BTC energy data is in Portfolio Manager, not yet shared with GA*)
- Big Bend Community College (*requested assistance, working with WSU Extension Energy*)
- Centralia College (*requested assistance, working with WSU Extension Energy*)
- Clark College (*in the process of benchmarking*)
- Clover Park Technical College (*requested assistance, working with WSU Extension Energy*)
- Edmonds Community College (*campus submetered, first full year of energy data not yet available*)
- Everett Community College (*ECC moved energy data from Utility Manager into Portfolio Manager, and is doing a quality control review*)
- Green River Community College (*GRCC is moving energy data from Utility Manager into Portfolio Manager*)
- Lower Columbia College (*requested assistance from WSU Extension Energy*)
- North Seattle Community College (*requested assistance, working with WSU Extension Energy*)
- Olympic College (*campus submetered, first full year of energy data not yet available*)
- Peninsula College (*requested assistance, working with WSU Extension Energy*)
- Pierce College (*requested assistance, working with WSU Extension Energy*)
- Renton Technical College (*requested assistance, working with WSU Extension Energy*)
- Seattle Central Community College (*requested assistance, working with WSU Extension Energy*)
- Shoreline Community College (*requested assistance, working with WSU Extension Energy*)
- South Puget Sound Community College (*requested assistance, working with WSU Extension Energy, shared data is being reviewed*)
- South Seattle Community College
- Walla Walla Community College
- Wenatchee Valley College (*facilities entered into Portfolio Manager, but not yet shared with GA*)
- Whatcom Community College (*WCC is using Utility Manager, but has not yet entered facilities into Portfolio Manager or shared with GA*)

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For all above college campuses not benchmarked in Portfolio Manager by July 1, 2011, a comprehensive preliminary audit is recommended, to be initiated by November 1, 2011 to allow collection of energy data during the winter heating season. The Energy Services Company (ESCO) performing the preliminary audit will benchmark the facilities for the agency or college for a nominal fee. Buildings or campuses will be taken off the list recommending an audit if benchmarking shows they have less than the average EUI as described above and in the table below, and if the comprehensive preliminary audit found no cost effective energy conservation measures. The benchmarked status of all agency and college buildings as of July 1, 2012 will be reported to the legislature in a report on December 1, 2012.

Recommendations for Universities

All of the universities are already doing energy audits and energy retrofits. GA Energy recommends universities set progressively lower EUI goals for existing buildings and use comprehensive audits to pursue them. See table below:

Benchmarked University Energy Use	EUI
Eastern Washington University	123
The Evergreen State College	95
University of Washington	183
*Washington State University (WSUS only)	96
Western Washington University	110
Average of available data	121
National average from CBECS database	120

*Washington State University benchmarking is available only for the WSUS campus.

Central Washington University has put buildings into Portfolio Manager. (There is a technical problem with getting CWU energy data to show.)

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Appendix D - DES Energy Savings Performance Contracting Program

Energy Saving Performance Contracting (ESPC) is a method of identifying implementing and financing energy and utility efficiency projects. By leveraging utility savings along with grants and capital dollars, projects can typically be funded within existing budgets. ESPC is a partnership between the client agency, the Energy Service Company (ESCO), and the Department of Enterprise Services (DES) Energy Program.

Client Agencies receive guaranteed construction costs, guaranteed energy savings, and guaranteed equipment performance. The ESCO and the DES Energy Program team up with the utilities to maximize the available utility incentives. The ESCO can also provide Building Benchmarking assistance, and energy and carbon reduction goal assistance. The DES Energy Program provides the customer with energy engineering oversight and contract management services.

APPENDIX E – Summary of Benchmarked Buildings

E.1 Building Energy Use Intensity (EUI)

E.2 Campus Energy Use Intensity (EUI)

E.1 Building Energy Use Intensity (EUI)

Building Name (Owned and Leased)	Site Energy Use Intensity (EUI in kBtu/ft ²)					Energy Star Score (2013)	Total Floor Space (Sq. Ft.)	City	Zip Code	OFM Unique Facility Identifier (UFI)	Notes
	2009	2010	2011	2012	2013						
ATG Olympia 2425 Bristol Court	64	63	45	43	45	84	54,744	Olympia	98502		
BBCC South Campus MIST Program		12					2,400	Moses Lake	98837	A08899	
BC Main F Building (Greenhouse)	222	225	257	251	233		2,562	Bellevue	98007	A06673	
BC Main G Building	48	47	47	38	55		49,225	Bellevue	98007	A00949	
BC Main House 1	72	73	85				2,350	Bellevue	98007		
BC Main House 17		6	13				1,370	Bellevue	98007	A06973	
BC Main House 2	56	46	51				2,140	Bellevue	98007	A02453	
BC Main House 3	63	46	36				1,840	Bellevue	98007	A05783	
BC Main House 4	85	75	82				3,070	Bellevue	98007	A04874	
BC Main House 5	86	78	90				2,353	Bellevue	98007	A06900	
BC Main House 6	71	73	76				2,935	Bellevue	98007	A04431	
BC Main K Building	18	14	18	14	20	100	19,280	Bellevue	98007	A01080	
BC Main M Building	34	39	26	23	34		7,500	Bellevue	98007	A00400	
BC Main N Building	59	57	62	68	77		32,801	Bellevue	98007	A00156,	
BC Main Q Building	45	39	43	42	44		23,000	Bellevue	98007	A06133	
BC Main R Building	0	0	1	1	1		61,757	Bellevue	98007	A09705	
BC Main S Building	162	151	145	147	152		64,238	Bellevue	98007	A02200	
BC North V Building			52	52	57		67,500	Bellevue	98007	A10483	
BIIA Olympia 2430 Chandler Court	64	65	67	54	47	97	49,429	Olympia	98502		
CBC-Athletic Support Bldg				18	22		5,414	Pasco	99301	A10137	
CBC-Business			25	26	27		22,500	Pasco	99301	A03600	
CBC-Center for Career & Technical Education			189	166	178		72,241	Pasco	99301	A10443	
CBC-CH2MHILL Education Center	132	129	125	107	104		35,000	Pasco	99301	A08572	
CBC-Faculty House	37	37	49	38	46		1,881	Pasco	99301	A07710	
CBC-Foundation	81	78	87	80	89		3,000	Pasco	99301	A03092	
CBC-Greenhouse	217	191	237	283	255		1,612	Pasco	99301	A00996	
CBC-Gym	31	32	49	65	69		41,219	Pasco	99301	A00656	
CBC-Health Science Center	58	55	59	59	67		66,000	Richland	99352	A09278	
CBC-HUB	45	41	42	41	41		67,695	Pasco	99301	A08496	
CBC-Industrial 2	14	27	22	19	17		5,662	Pasco	99301	A07717	
CBC-Industrial 3	38	25	16	23	40		6,343	Pasco	99301	A09769	
CBC-Lee R Thornton Ctr	180	173	189	169	176		128,166	Pasco	99301	A00601	
CBC-North Classroom	70	60	61	55	58		6,500	Pasco	99301	A08501	
CBC-Observatory	31	31	37	30	30		1,000	Pasco	99301	A02698	
CBC-Science	12	15	17	8	7		26,500	Pasco	99301	A00241	
CBC-Vocational			20	10	12		41,383	Pasco	99301	A03475	
CC1/CC2	79	79	60				111,500	Bothell	98011		
CC3 GLA		77	55				54,006	Bothell	98011		
CCS 172-010 Maintenance		6	6	5			17,452	Spokane	99224	A04693	
CLARK @ TOWN PLAZA CENTER (Leased)			42	34			26,026	VANCOUVER	98661		Building has been vacated as of 12/31/13.
Commerce Bldg 4			92	76	73	78	30,462	Olympia	98504	A10527	
Commerce Bldg 5			63	65	56	78	40,616	Olympia	98504	A10234	
CPTC SOUTH HILL CAMPUS	66	60	56	58	59		59,833	PUYALLUP	98374	A09957	
CWU Main Aquatics Facility		203	271	244	257		25,670	Ellensburg	98926	A03830	
CWU Main Aviation Training Center			69	47	47		4,562	Ellensburg	98926	A07958	
CWU Main Barge Hall			48	49	59		53,441	Ellensburg	98926	A04587	

E.1 Building Energy Use Intensity (EUI)

Building Name (Owned and Leased)	Site Energy Use Intensity (EUI in kBtu/ft ²)					Energy Star Score (2013)	Total Floor Space (Sq. Ft.)	City	Zip Code	OFM Unique Facility Identifier (UFI)	Notes
	2009	2010	2011	2012	2013						
CWU Main Botany Greenhouse		67	83	87	90		4,086	Ellensburg	98926	A04781	
CWU Main Bouillon Hall			61	64	61		72,504	Ellensburg	98926	A03309	
CWU Main Brooklane Well		345	361	114	123		1,740	Ellensburg	98926	A09079	
CWU Main Chimpanzee & Human Institute		132	226	204	226		15,445	Ellensburg	98926	A09346	
CWU Main Dean Hall		66	62	66	84		79,095	Ellensburg	98926	A00119	Condensate therm values do not include Alerton efficiency
CWU Main Grounds Storage		81	83	81	92	3	13,347	Ellensburg	98926	A05992	
CWU Main Health Center		69	79	71	71		11,527	Ellensburg	98926	A02261	
CWU Main Hebele Hall		37	68	67	67		51,868	Ellensburg	98926	A00173	
CWU Main Hogue Hall					151		66,454	Ellensburg	98926	A04506	
CWU Main Language & Literature Bldg.		42	74	74	100		52,904	Ellensburg	98926	A05420	
CWU Main Lind Hall		50	73	24	55		44,380	Ellensburg	98926	A03350	
CWU Main McConnell Hall		54	99	107	97		49,723	Ellensburg	98926	A06526	
CWU Main McIntyre Music Building			104	107	97		68,920	Ellensburg	98926	A06562	
CWU Main Michaelsen Hall		47	80	70	66		61,088	Ellensburg	98926	A03714	
CWU Main Mitchell Hall		69	113	120	132		26,220	Ellensburg	98926	A09989	
CWU Main Nicholson Pavilion		47	100	109	92		100,062	Ellensburg	98926	A09276	
CWU Main Psychology Building		70	117	89	56		75,064	Ellensburg	98926	A05142	
CWU Main Purser Hall		46	73	70	70		28,092	Ellensburg	98926	A05412	
CWU Main Randall Hall		82	132	118	110		81,976	Ellensburg	98926	A05411	
CWU Main Science Building		98	139	139	129		155,307	Ellensburg	98926	A01658	
CWU Main Shaw Smyser Hall		78	106	102			52,000	Ellensburg	98926	A08862	
DES 1500 Jefferson					55	90	240,594	Olympia	98501		
DES Kelso	23					84	60,308	Kelso	98526	A00742	Energy data for this building is insufficient and unreliable for
DES Olympia 600 Franklin	47	41				25	28,578	Olympia	98504	A00197	Energy data for this building ends July 2011. building is now
DES Olympia Ayer Press House	91	91	96				3,727	Olympia	98504	A06791	Residential construction used as office space.
DES Olympia Capitol Court	88	83	81	77	80	33	40,948	Olympia	98504	A00386	Formerly a Thurston County Courthouse.
DES Olympia Capitol Park Bldg	43	42	47	46	50	89	57,500	Olympia	98504	A02168	
DES Olympia Carlyon Press House	58	51	59			44	5,600	Olympia	98504	A01508	
DES Olympia Consolidated Mail Svcs	47	50	55	51	51		37,142	Olympia	98501	A07390	
DES Olympia Heritage Park Bldg	50	52	59	58	54		2,048	Olympia	98504	A06364	
DES Olympia Interpretive Center	34	44	40	23	23		757	Olympia	98504	A04876	
DES Olympia James M Dolliver Bldg	80	74	86	89	81	2	23,385	Olympia	98504	A09946	
DES Olympia Old Capitol Bldg	77	69	78	63	59	39	120,500	Olympia	98504	A09950	
DES Olympia Union Ave Bldg	82	80	83	88	89	11	12,900	Olympia	98504	A01923	
DES Olympia Washington Street	68	63	69	66	68	14	14,580	Olympia	98504	A00068	
DES Tacoma Rhodes - Broadway Bldg	13	62	79	73	72	14	125,058	Tacoma	98402	A06856	
DES Tumwater Central Stores	15	16	17	16	18	66	56,550	Tumwater	98501	A07803	This is a leased building.
DES Tumwater Isabella Bush Records Ctr	38	55	65			46	47,200	Tumwater	98504	A01620	
DFI HQ	55	57	55	49	51	87	50,000	Tumwater	98501	A03442	
DOA Chelan	60	60	64	57	53		960	Chelan	98816		WSDA pays Electric only
DOA Cleveland Lab	48	63	84	133			15,057	Tumwater	98512		A portion of our utilities is billed by the owner. We share
DOA Colfax	36	34	34	46	50		3,200	Colfax	99111		
DOA Kent	14	10	11	13	11		2,032	Kent	98032		Water is included in lease
DOA Moses Lake	40	65	64	51	60		922	Moses Lake	98837		Water included in lease
DOA Othello	86	74	78	83	92		923	Othello	99344		Water included in lease
DOA Pasco 2	28	56	79	68	62		2,352	Pasco	99301		Water included in lease

E.1 Building Energy Use Intensity (EUI)

Building Name (Owned and Leased)	Site Energy Use Intensity (EUI in kBtu/ft ²)					Energy Star Score (2013)	Total Floor Space (Sq. Ft.)	City	Zip Code	OFM Unique Facility Identifier (UFI)	Notes
	2009	2010	2011	2012	2013						
DOA Spartina Warehouse 1					12		2,500	Olympia	98501		
DOA Spartina Warehouse 2					18		2,500	Olympia	98501		
DOA Spokane 3	57	68	96	91	89		3,026	Spokane	99204		
DOA Tumwater Metrology	67	66	62	52	54		3,384	Tumwater	98512		
DOA Wenatchee			53	57	60		4,600	Wenatchee	98802		
DOA Yakima	129	98	109	105	105		49,891	Yakima	98902		The majority of this facility is dedicated lab space that has high
DOC ELGB	78	79	81	77	78	97	226,266	Tumwater	98501		
DOC Leased SWRBO					74	68	18,104	Lacey	98503	A10192	
DOH TUMWATER ARAB RD WAREHOUSE			54	51	48	30	12,000	Tumwater	98504	A08527	
DOH TUMWATER Point Plaza East	18	48	50			85	93,509	Tumwater	98501	A02821	
DOH TUMWATER Town Center 1		45	46	45	47	90	99,621	Tumwater	98504	A10273	
DOH TUMWATER Town Center 2		66	68	68	64	84	130,720	Tumwater	98504	A10784	
DOL ANACORTES 1005 COMMERCIAL ST STE C D	60	67	73				1,965	ANACORTES	98221	A06128	
DOL ARLINGTON 3704 172ND ST NE SPC K12	48	34	20	22	27	98	5,931	ARLINGTON	98223	A08616	
DOL BELLEVUE 13133 BEL RED RD		48	52			97	12,050	Bellevue	98005	A07756	
DOL BELLINGHAM 4180 CORDATA PKWY	54	58	58			40	6,157	BELLINGHAM	98226	A00825	
DOL BREMERTON 1550 NE RIDDELL RD STE M N O	67	64	70			13	5,760	BREMERTON	98310	A01132	
DOL CENTRALIA 2424 REYNOLDS RD	83	75					3,963	CENTRALIA	98531	A04590	
DOL CLARKSTON 603 3RD ST	51	68	61	70			2,026	CLARKSTON	99403	A03811	
DOL ELLENSBURG 607 E MOUNTAIN VIEW AVE	124	112	116	98			2,077	ELLENSBURG	98926	A10272	
DOL EVERETT 5313 EVERGREEN WAY		96	111			26	7,940	EVERETT	98203	A06658	
DOL FEDERAL WAY 1617 S 324TH ST	222	174	242			1	5,704	FEDERAL WAY	98003	A07992	
DOL GOLDENDALE 203 E MAIN	84	91	90				1,000	GOLDENDALE	98620	A04503	
DOL HOQUIAM 719 8TH ST	53		97				4,891	HOQUIAM	98550	A04877	
DOL ILWACO 116 1ST AVE	76	76	64				1,157	ILWACO	98624	A01954	
DOL KELSO 214 S KELSO DR	85	81	106				4,327	KELSO	98626	A00576	
DOL KENT 25410 74TH AVE S	71	69	71			31	5,360	KENT	98032	A07426	
DOL LACEY 645 WOODLAND SQUARE LP SE	75	58	60			33	5,746	LACEY	98503	A06055	
DOL MORTON 340 MORTON RD	89	70	55	40			1,200	MORTON	98356	A00629	
DOL MOSES LAKE 1007 W BROADWAY	90	93	111				3,778	MOSES LAKE	98837	A06082	
DOL MOUNT VERNON 1920 S 3RD ST	49	54	43				4,920	MOUNT VERNON	98273	A07796	
DOL OAK HARBOR 656 SE BAYSHORE DR	32	35	24	27	25		3,199	OAK HARBOR	98277	A09906	
DOL OLYMPIA 2000 4TH AVE W BLACK LAKE	58	50	48			65	20,221	OLYMPIA	98504	A08668	
DOL OLYMPIA 2424 BRISTOL COURT SW	40	37	37	35		84	17,902	OLYMPIA	98502	A02716	
DOL OLYMPIA 405 & 421 BLACK LAKE BLVD SW	54	52	55	53		72	71,832	OLYMPIA	98502	A08231	
DOL OMAK 646 OKOMA DR	27	28	23	22			2,301	OMAK	98841	A08248	
DOL OROVILLE 821 APPLEWAY	56	48	38				830	OROVILLE	98844	A01592	
DOL PORT ANGELES 228 W 1ST ST STE M N			46	42			2,451	PORT ANGELES	98362	A05151	
DOL PORT TOWNSEND 2300 S PARK AVE	63	66					1,250	PORT	98368	A07100	
DOL POULSBO 19045 HWY 305 & LINCOLN HILL R	72	57	48				3,222	POULSBO	98370	A01598	
DOL PULLMAN SOUTH 970 GRAND AVENUE	154	145	153	165			1,367	PULLMAN	99163	A01240	
DOL PUYALLUP 733 RIVER RD	68	77	77			9	5,737	PUYALLUP	98371	A07154	
DOL RENTON 1314 UNION AVE NE	84	71	68			13	5,223	RENTON	98056	A01719	
DOL SHELTON 2511 OLYMPIC HIGHWAY N SUITE	42	54	60				2,784	SHELTON	98584	A09919	
DOL SPOKANE 6519 N LIDGERWOOD ST		97				3	5,669	SPOKANE	99208	A01589	
DOL SPOKANE VALLEY 12801 E SPRAGUE AVE STE	36	28	35	36			4,950	SPOKANE VALLEY	99216	A04559	

E.1 Building Energy Use Intensity (EUI)

Building Name (Owned and Leased)	Site Energy Use Intensity (EUI in kBtu/ft ²)					Energy Star Score (2013)	Total Floor Space (Sq. Ft.)	City	Zip Code	OFM Unique Facility Identifier (UFI)	Notes
	2009	2010	2011	2012	2013						
DOL TACOMA 6402 YAKIMA AVE	51	64	56	48		41	5,800	TACOMA	98424	A10552	
DOL TUMWATER 8005 RIVER DR SE	30	26	30			90	42,427	TUMWATER	98501	A07553	
DOL VANCOUVER 1301 NE 136TH AVE		77	82	105		8	9,406	VANCOUVER	98684	A02992	
DOL VANCOUVER NE 117TH AVE STE 2730		35	55	69		49	5,822	VANCOUVER	98682	A06163	
DOL WALLA WALLA 145 JADE ST		23	55	67			2,899	WALLA WALLA	99362	A03691	
DOL WENATCHEE 325 N CHELAN AVE	62	54	45	50			4,250	WENATCHEE	98801	A06264	
DOL WHITE SALMON 156 NE CHURCH ST	77	66	69	67			1,191	WHITE SALMON	98672	A09688	
DOR 6300 Linderson Bldg	110	106	109	105	98	69	53,936	Tumwater	98501	A10544	
DOR 6500 Linderson Bldg	43	41	41	39	42	91	96,103	Tumwater	98501	A04675	
DOR Capital Plaza	66	67	73	74	72	50	58,845	Olympia	98501	A01052	
DOT 08VC01 Forest Learning Center	1	48					10,883	Toutle	98649	A06717	
DOT 10DD01 Republic Maintenance Shed	132	25					7,127	Republic	99166	A04065	
DOT 17BB01 Spokane St. Administratio	89	88	97	102	81		3,421	Seattle	98134	A07567	
DOT 17BM00 Dayton Ave Rhq	58	59	57	58	57		168,208	Seattle	98133		
DOT 17DN01 Camp Mason Maintenance Bu			64	55	53		10,293	North Bend	98045	A06553	
DOT 17LA01 Seattle Main Bldg	5	7	12	39	163		40,263	Seattle	98104	A03273	
DOT 18LA00 Bainbridge Ferry Terminal	1650	1471					1,000	Bainbridge Island	98110		
DOT 18LB00 Bremerton Ferry Trm Site	3046	3198					1,000	Bremerton	98310		
DOT 18LB01 Bremerton Ferry Terminal	4						7,206	Bremerton	98310	A07675	
DOT 18LG00 Eagle Harbor	8740	7642					1,000	Bainbridge Island	98110		
DOT 19DA01 Ellensburg Maintenance Bu	24	18					9,510	Ellensburg	98926	A03784	
DOT 19DA05 Ellensburg Maintenance An	20	20					5,644	Ellensburg	98926	A03924	
DOT 21CB01 Chehalis Pe/Area Office	161					1	8,598	Chehalis	98532	A08025	
DOT 21DK01 White Pass S.F. Office/Sh	70						14,579	White Pass	99999	A03090	
DOT 24CB01 Okanogan AMF	58	53	57	53	51		26,750	Okanogan	98840	A08466	
DOT 29LA00 Anacortes Ferry Terminal	3733	3864					1,000	Anacortes	98221		
DOT 29LA01 Anacortes Terminal Buildi	1						6,320	Anacortes	98221	A01384	
DOT 32BA11 Eastern Region Veh. Shop		115	111	98	96		26,525	Spokane	99207	A09420	
DOT 32BA17 Eastern Region Real Estat	72	63					4,897	Spokane	99207	A08557	
DOT 32BB02 Eastern Region HQ, Signal	26	7					7,440	unknown	99207	A06077	
DOT 36CB01 Walla Walla Maintenance O	480	10					3,484	Unincorporated	99999	A03871	
DOT 37DD01 Area 1 Shuksan	83	47					10,974	Glacier	98244	A06618	
DOT 37GB01 Bellingham PEO	60	29	113	113	105	6	10,096	Bellingham	98226	A03807	
DOT 39CB02 Area 2 Maintenance Shop	205						9,902	Yakima	98901	A04053	
DSHS ARLINGTON DCFS	51	45	46	46	49	82	31,394	ARLINGTON	98223	A09200	
DSHS ARLINGTON SMOKEY POINT CSO	76	65				80	18,836	ARLINGTON	98223	A08616	
DSHS BELLINGHAM CSO - LEASED	63	61	60	59	66	73	29,389	BELLINGHAM	98226	A05560	
DSHS BREMERTON CSO (OWNER PAYS UTILITIES)	24	17	17	17	15	100	30,320	BREMERTON	98312	A02410	
DSHS Canyon View Community Facility JRA -	121	112	84	104	108		6,576	East Wenatchee	98802		
DSHS Centennial Place I		55	53	54		84	152,987	Tacoma	98405		see the Energy Audit by TPU dated March 2010
DSHS CENTRALIA DCFS	28	27	27	27	29	97	19,292	CENTRALIA	98531	A01510	
DSHS CLARKSTON CSO	46	46	48	47	52	89	14,800	CLARKSTON	99403	A02943	
DSHS Colville CSO	84	75	78	88	88	74	17,836	Colville	99114	A09847	
DSHS EAST WENATCHEE DCS	9					100	12,870	EAST	98802		
DSHS EVERETT DCS (LEASE CLOSED 2011)	79	73				63	47,662	EVERETT	98201		BUILDING VACATED IN 2011. OPERATIONS MOVED OT 840 N
DSHS KENNEWICK CSO - LEASED	66	70	69	71	76	70	23,067	KENNEWICK	99336		

E.1 Building Energy Use Intensity (EUI)

Building Name (Owned and Leased)	Site Energy Use Intensity (EUI in kBtu/ft ²)						Energy Star Score (2013)	Total Floor Space (Sq. Ft.)	City	Zip Code	OFM Unique Facility Identifier (UFI)	Notes
	2009	2010	2011	2012	2013	2013						
DSHS KENNEWICK HCS	37	29	15	27	27	27	98	26,150	KENNEWICK	99336	A06391	Also includes Electric for Suites 2100, 2201, 2206, 2208, 2210,
DSHS KENT CSO	57	50	57	51	56	56	83	62,443	KENT	98032	A00237	
DSHS LACEY BLAKE EAST	65	54	58	53	47	47	90	54,788	LACEY	98503	A05221	
DSHS LACEY BLAKE WEST	58	47	53	47	44	44	92	54,788	LACEY	98503	A09879	
DSHS LACEY CHARLES E REED ADSA (LEASE)	54	56					83	61,091	LACEY	98503		LEASE CLOSED 2011
DSHS LONG BEACH CSO	48	55	51	45	45	45	66	10,280	LONG BEACH	98631	A05149	
DSHS MONROE CSO		41	37	37	37	37	90	18,560	MONROE	98272		DSHS leases a portion of this building.
DSHS MOSES LAKE CSO - LEASED	87	73	78	72	83	83	59	25,307	MOSES LAKE	98837	A02092	
DSHS MOUNT VERNON CSO - LEASED	60	56	58	57	59	59	85	53,633	MOUNT VERNON	98273	A04855	
DSHS Oakridge Community Facility JRA	89	84					30	7,744	Lakewood	98498	A02816	
DSHS OLYMPIA CHERRY STREET HRSA (LEASE)	73	62					79	161,200	OLYMPIA	98501		
DSHS Olympia-Lacey DCS (LEASE CLOSED 2012)	46	44	44	36	16	16		27,000	Olympia	98516	A04848	LEASED CLOSED JULY 2012
DSHS PORT ANGELES CSO		29	29	27	28	28	97	27,906	PORT ANGELES	98362	A02128	
DSHS PORT TOWNSEND CSO	43	34	37	34	34	34	90	12,539	PORT	98368	A00817	
DSHS RICHLAND DCFS - LEASED	21	36	29	35	36	36	99	25,138	RICHLAND	99352	A09331	
DSHS SEATTLE CAPITOL HILL CSO	63	61					86	55,490	SEATTLE	98122	A05556	
DSHS SEATTLE FIRST & KING CSD (OWNER PAYS)	25	47					87	81,557	SEATTLE	98104	A08200	OWNER PAYS UTILITIES
DSHS SEATTLE RAINIER SOUTH CSO		56					73	40,738	SEATTLE	98118	A02843	
DSHS SEATTLE SCC-King SCTF		75	37	34	39	39	73	14,960	Seattle	98134		
DSHS SHELTON CSO	61	54	73	75	76	76	68	20,580	SHELTON	98584	A09919	
DSHS SPOKANE NORTH CSO (LEASE CLOSED)	36	50	51	33	24	24	100	35,000	SPOKANE	99208	A08061	
DSHS TACOMA CENTENNIAL 1		55	53	55	56	56	84	152,926	TACOMA	98405	A05817	
DSHS TACOMA CENTENNIAL 2 (OWNER PAYS)		48	47	50	45	45	89	86,549	TACOMA	98405	A05817	CHANGED AGREEMENT TO HAVE OWNER PAY UTILITIES - 2014
DSHS TACOMA PIERCE SOUTH CSO	79	71	68	76	105	105	28	30,000	TACOMA	98404	A09421	
DSHS TOPPENISH DCFS - LEASED	64	59	63	59	57	57	78	10,164	TOPPENISH	98948	A09742	
DSHS TUMWATER CSO (OWNER PAYS UTILITIES)	44	40	38	33	36	36	95	74,131	TUMWATER	98501	A02469	ENERGY CONSUMPTION IS FOR THE ENTIRE BUILDING. SF IS
DSHS Tumwater Main Warehouse	14	12					64	60,000	Tumwater	98501	A09701	
DSHS WALLA WALLA CSO	45	56	53	54	54	54	91	21,048	WALLA WALLA	99362	A05203	
DSHS WALLA WALLA DCFS - LEASED	50	39	51	53	83	83	59	13,720	WALLA WALLA	99362	A06980	
DSHS WAPATO CSO - LEASED	67	61	62	62	62	62	74	22,779	WAPATO	98951	A01603	
DSHS WENATCHEE CSO - LEASED	95	82	100	93	94	94	62	28,383	WENATCHEE	98801	A02567	Property is served by Chelan PUD (Electric) and Cascade
DSHS YAKIMA JRA (LEASE CLOSED MAY 2011)	84	75					84	14,280	YAKIMA	98902		LEASED CLOSED MAY 2011
DVA Operations Headquarters	51	56	53	45	48	48	80	24,024	Olympia	98501	A02933	Leased building
ECY Bellingham Field Office	46	34	37	36			72	12,360	Bellingham	98229	A04818	This is a leased facility to WA State Dept. of Ecology. Lease SRL
ECY Central Regional Office	70	89	73	55	51	51	77	44,682	Yakima	98902	A10532	This facility is leased to WA State Dept. of Ecology. Lease SRL
ECY Eastern Regional Office	62	63	57	48	50	50	96	45,000	Spokane	99205	A09775	LEED EB O+M Project # 10000017166 WA ECY Eastern Regional
ECY Lacey HQ	68	63	66	56	54	54	94	323,000	Olympia	98504	A05064	LEED EB O+M Project # 1000017175 WA ECY Lacey
ECY Northwest Regional Office	50	48	49	46	47	47	83	60,423	Bellevue	98008		Facility leased to the WA State Dept. of Ecology.
ECY Padilla Bay National Estuarine Research			50	43				28,837	Mount Vernon	98273	A00289,	
EdmondsCC Main Alderwood						36		22,050	Lynwood	98036	A05756	
EdmondsCC Main Boiler Room			5715	220687	191707			5,932	Lynwood	98036	A07895	
EdmondsCC Main Brier			338	786	1017			73,924	Lynwood	98036	A03970	
EdmondsCC Main Center for families			359	3033	2391			15,542	Lynwood	98036	A05918	
EdmondsCC Main ClearView			23	21	20	99		14,000	Lynwood	98036	A07180	
EdmondsCC Main Conference Center			43	44	49			12,270	Lynwood	98036	A05331	
EdmondsCC Main Horticulture			2578	6670	6439			4,356	Lynwood	98036	A09490	

E.1 Building Energy Use Intensity (EUI)

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	2009	2010	2011	2012	2013						
EdmondsCC Main Lynwood			47	47	41		90,960	Lynwood	98036	A04627	
EdmondsCC Main Maltby			34	34	36	76	8,046	Lynwood	98036	A07024	
EdmondsCC Main Meadowdale			44	46	41		36,100	Lynwood	98036	A06716	
EdmondsCC Main Mill Creek			36	36			19,380	Lynwood	98036	A00343	
EdmondsCC Main Monroe			52	55	52	42	10,608	Lynwood	98036	A04561	
EdmondsCC Main Mountlake Terrace			36	33	34		60,401	Lynwood	98036	A09413	
EdmondsCC Main Mukilteo			44	37	38		67,279	Lynwood	98036	A06234	
EdmondsCC Main SeaView			28	32	34		30,100	Lynwood	98036	A04248	
EdmondsCC Main Snoqualmie			43	39	38		50,538	Lynwood	98036	A08635	
EdmondsCC Main Snowhomish			37	38			50,400	Lynwood	98036	A05555	
EdmondsCC Main TUB			1325	49905	61758		25,782	Lynwood	98036	A01301	
ESD Aberdeen WorkSource(50%)	89	96	88	82	72	72	9,219	Aberdeen	98520	A01544	Reimb. owner 50% of bldg.
ESD Auburn WorkSource	53	54	56	54	50	73	21,060	Auburn	98002	A01210	
ESD Distribution Cntr	34	30	33	31		39	43,701	Tumwater	98516	A09778	June 2007, upgraded lighting throughout warehouse to sensor
ESD HQ 640 Bldg.(97%)	82	84	75	76	70	75	82,149	Lacey	98503	A03408	Prior to 7/2011 reimbursed owner 14.52%, as of 7/2011 we
ESD HQ 670 Bldg.(50%)		4606	53	47	43	90	15,368	Lacey	98504	A09060	HVAC/lighting on one system (2 yrs)running week/weekends,
ESD Kelso WorkSource	72	55	56	58	65	87	13,176	Kelso	98508	A07177	
ESD Lakewood WorkSource		73	78	73	60	92	13,036	Lakewood	98033	A07265	
ESD Moses Lake WorkSource(33%)	82	60	71	69	74	68	7,015	Moses Lake	98807	A06520	
ESD Raad (72.83%)				55	54	81	33,489	Olympia	98503	A01316	
ESD Rainier Ave. WorkSource	69	64	66	65	62	72	13,500	Seattle	98201	A06783	Major remodel started in August 2011, completed in December
ESD Republic - 505 Union(32%)	75	123	101	101		33	5,000	Olympia	98516	A07766	Leased additional 5,000 sf as of 2/01/2010.
ESD Shelton WorkSource	56	55	61	78	63	81	7,962	Shelton	98584	A09919	Not Available
ESD Spokane Claims Center	92	99	100	90	88	79	40,300	Spokane	99208	A05554	2009 - extended hours due to high unemployment
ESD Spokane WorkSource	72	62	61	59	59	91	40,126	Spokane	99352	A06938	Have had continued HVAC hot/cold issues.
ESD Stevenson WorkSource	122	82	74	65	74		1,240	Stevenson	98671	A03989	
ESD Sunnyside WorkSource	81	85	82	78	74	76	15,000	Sunnyside	95502	A01924	
ESD Taxis - 1300 Quince(25.97%)	58	59	57	57	62	86	12,116	Olympia	98501	A10799	
ESD Thurston Co. WorkSource	59	61	62	66	58	94	28,346	Olympia	98508	A09824	
ESD Vancouver WS/DTO(Reimb owner)	70	66	60	54	60	91	23,174	Vancouver	95502	A03794	
ESD Walla Walla WorkSource	67	70	64	66	69	71	7,250	Walla Walla	99362	A08162	
ESD Wenatchee WorkSource (Reimb. owner)	101	78	87	81	87	83	10,800	Wenatchee	98902	A05519	
ESD White Salmon(63%)	47	63	83	71	52	93	5,702	White Salmon	98672	A07108	
ESD Yakima WorkSource	69	64	70	68	72	81	24,113	Yakima	98902	A08477	
EvCC Aviation Hanger - C81	31	30	43				31,200	Everett	98204	A08614	
EvCC Aviation Paint Shop - C82	47	42	42				2,300	Everett	98204	A03573	
EvCC Aviation School - C80	109	104	65				10,000	Everett	98204	A05169	
EvCC Corporate and Continuing Ed Center	81	91	81				26,600	Everett	98203	A06897	
EvCC Cosmetology School	74	77	65				9,040	Marysville	98270		
EvCC Early Learning Center		55	54				14,000	Everett	98201	A07474	
EvCC Graywolf Hall	93	131	173				77,000	Everett	98201	A03275	
EvCC Nippon Business Institute	27	14	17				4,667	Everett	98201		
EvCC Parks Hall	6	4	16				79,385	Everett	98201	A00051	
EvCC Rainier Hall			9				34,719	Everett	98201		
EvCC Shuksan Hall			224				38,988	Everett	98201		
EvCC Student Fitness Center	67						55,000	Everett	98201	A10560	

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	2009	2010	2011	2012	2013						
EvCC Whitehorse Hall	56	50	56				83,000	Everett	98201	A01739	
Everett Master Lease A	67					54	71,780	Everett	98201		
Everett Master Lease B	53					59	40,128	Everett	98201		
EWU - Aquatics	187						21,237	Cheney	99004		
EWU - Archives	300						48,000	Cheney	99004		
EWU - Art Building	71						35,493	Cheney	99004		
EWU - Cadet Hall	8						10,187	Cheney	99004		
EWU - Cheney Hall	101						31,018	Cheney	99004		
EWU - Communications Center	77						19,289	Cheney	99004		
EWU - Computing and Engineering Building	118						98,383	Cheney	99004		
EWU - Dressler Hall	101					69	77,698	Cheney	99004		
EWU - Dryden Hall	132					64	55,414	Cheney	99004		
EWU - Eastern Children's Center	124						14,865	Cheney	99004		
EWU - Hargreaves Hall	7						56,616	Cheney	99004		
EWU - Huston Hall	49						27,425	Cheney	99004		
EWU - Isle Hall	81						34,322	Cheney	99004		
EWU - Jim Thorpe Fieldhouse	143						51,316	Cheney	99004		
EWU - John F. Kennedy Library	61						165,159	Cheney	99004		
EWU - Kingston Hall	124						49,427	Cheney	99004		
EWU - Lousie Anderson Hall	87					80	72,621	Cheney	99004		
EWU - Martin Hall	73						57,792	Cheney	99004		
EWU - Monroe Hall	35						49,194	Cheney	99004		
EWU - Morrison Hall	27					94	107,311	Cheney	99004		
EWU - Music Building	155						47,618	Cheney	99004		
EWU - P.E. Activities	180						93,859	Cheney	99004		
EWU - P.E. Classroom	79						31,848	Cheney	99004		
EWU - Patterson Hall	106						102,566	Cheney	99004		
EWU - Pavillion	96						119,658	Cheney	99004		
EWU - Pearce Hall	164					40	93,977	Cheney	99004		
EWU - Pence Union Building	204						141,025	Cheney	99004		
EWU - Radio TV Building	134						15,983	Cheney	99004		
EWU - Robert Reid Lab School	18						31,619	Cheney	99004		
EWU - Rozell Heating Plant	202						56,561	Cheney	99004		
EWU - Science Building	343						148,149	Cheney	99004		
EWU - Showalter Hall	24						100,091	Cheney	99004		
EWU - Streeter Hall	73					85	81,288	Cheney	99004		
EWU - Sutton Hall	150						31,984	Cheney	99004		
EWU - Tawanka Commons	148						73,735	Cheney	99004		
EWU - Theatre	85						36,130	Cheney	99004		
EWU - Townhouse Apartments		3	4	4		100	72,629	Cheney	99004		
EWU - University Recreational Center	178						115,490	Cheney	99004		
EWU - Visitor's Center		42	72	64			2,844	Cheney	99004		
EWU - Washington State Patrol Crime Lab	360						32,000	Cheney	99004		
EWU - Williamson Hall	91						31,599	Cheney	99004		
GHC Aberdeen 1600 Building Bishop Center	150	117	114				12,825	Aberdeen	98520	A05956	
GHC Aberdeen 1800 Building Heavy Equipment	80						9,484	Aberdeen	98520	A05882	

E.1 Building Energy Use Intensity (EUI)

Building Name (Owned and Leased)	Site Energy Use Intensity (EUI in kBtu/ft ²)					Energy Star Score (2013)	Total Floor Space (Sq. Ft.)	City	Zip Code	OFM Unique Facility Identifier (UFI)	Notes
	2009	2010	2011	2012	2013						
GHC Aberdeen 1900 Building A & W Bldg	80						21,750	Aberdeen	98520	A05800	
GHC Ilwaco	30	29	28				8,320	Aberdeen	98520		
GHC Riverview	77	82	77				6,500	Raymond	98577		
GRCC CC-09 Child Care Center			94				5,940	Auburn	98092	A09404	
GRCC EC-38 Enumclaw Campus			36				11,518	Enumclaw	98022		
GRCC Enumclaw Radio Tower			267				120	Enumclaw	98022		
GRCC HLA-41 Holman Library Building Plant			32867				1,034	Auburn	98092	A07419	
GRCC KC-48 Kent Center North (Phase 1)			67				22,192	Kent	98032	A05349	
GRCC KC-48 Kent Center South (Phase 2)			40				43,526	Kent	98032		
HCC Admin. BLDG 001	65	64	49	31	47	63	6,410	Des Moines	98198	A06463	
HCC Biology/Science BLDG 012	65	64	230	393	494		8,000	Des Moines	98198	A01395	
HCC Childcare Center BLDG 000	128	113	113	93	97		14,330	Des Moines	98198	A00094	
HCC Classroom A BLDG 010	65	64	52	46	41		11,526	Des Moines	98198	A08756	
HCC Classroom B BLDG 017	65	64	51	42	41		11,426	Des Moines	98198	A01532	
HCC Classroom BLDG 003	66	64	86	31	47		3,545	Des Moines	98198	A08139	
HCC Classroom C BLDG 021	65	64	49	31	47		9,420	Des Moines	98198	A02397	
HCC Classroom D BLDG 022	65	64	49	31	47		9,570	Des Moines	98198	A00113	
HCC Classroom E BLDG 019	65	64	47	29	28		15,096	Des Moines	98198	A05596	
HCC Classroom F BLDG 014	65	64	49	31	47		6,060	Des Moines	98198	A05209	
HCC Conference Center BLDG 002	66	64	49	31	47		2,697	Des Moines	98198	A06759	
HCC Faculty A BLDG 005	65	64	49	31	47		4,024	Des Moines	98198	A05054	
HCC Faculty B BLDG 011	67	65	50	31	48		4,024	Des Moines	98198	A08640	
HCC Faculty C BLDG 015	65	64	49	31	47		4,290	Des Moines	98198	A03870	
HCC Faculty D BLDG 018	65	64	49	31	47		4,290	Des Moines	98198	A06104	
HCC Higher Education Center BLDG 029	66	65	58	53	45		79,695	Des Moines	98198	A06060	
HCC Instruction Admin BLDG 009	65	64	48	28	30	90	9,900	Des Moines	98198	A01061	
HCC Instructional Computing Center BLDG 030	65	64	79	97	85		40,146	Des Moines	98198	A04923	
HCC Lecture Hall BLDG 007	67	66	51	32	49		4,200	Des Moines	98198	A02003	
HCC Library BLDG 025	66	64	50	40	37		72,329	Des Moines	98198	A01792	
HCC Lockerroom BLDG 027	65	92	47	31	30		12,075	Des Moines	98198	A09056	
HCC Multipurpose A BLDG 023	65	64	53	49	43		21,339	Des Moines	98198	A04195	
HCC Multipurpose B BLDG 026	65	64	86	119	115		41,325	Des Moines	98198	A00349	
HCC Pavilion BLDG 028	63	61	45	30	28		23,640	Des Moines	98198	A07277	
HCC Performing Arts BLDG 004	66	64	43	17	19		13,000	Des Moines	98198	A00072	
HCC Physical Plant BLDG 024	4429	3985	4043	3311	3432		8,019	Des Moines	98198	A00414	
HCC Science Lecture BLDG 013	65	64	196	325	410		3,960	Des Moines	98198	A08178	
HCC Student Services BLDG 006	65	64	73	91	87	32	22,795	Des Moines	98198	A06008	
HCC Student Union BLDG 008	80	78	91	85	103		45,050	Des Moines	98198	A07446	
HCC Technology Lab BLDG 016	181	172	278	372	436		22,879	Des Moines	98198	A02946	
L&I - East Wenatchee Service Location	84	78	79			65	10,158	East Wenatchee	98802	A10214	
L&I - Moses Lake Service Location	109	106	102			51	9,274	Moses Lake	98837	A00668	
L&I - Mt Vernon Service Location	48	45	48	42		83	14,256	Mt Vernon	98273	A01489	
L&I - Plum St - Bldg 6	172	193	198				19,078	Olympia	98501	A04619	
L&I - Pt Angeles Service Location	63	60	54				4,918	Pt Angeles	98362	A05889	
L&I - Pullman Service Location	69	63	59				1,395	Pullman	99163	A09603	
L&I - Test Everett Service Location	72	68	76			42	22,848	Everett	98208	A00282	

E.1 Building Energy Use Intensity (EUI)

Building Name (Owned and Leased)	Site Energy Use Intensity (EUI in kBtu/ft ²)					Energy Star Score (2013)	Total Floor Space (Sq. Ft.)	City	Zip Code	OFM Unique Facility Identifier (UFI)	Notes
	2009	2010	2011	2012	2013						
L&I - Town Center 3	46	45	44			90	51,220	Tumwater	98501	A02821	
L&I - Tukwila Service Location	49	49	58			90	22,984	Tukwila	98168	A01635	Property managed for RREEF by:
L&I - Tumwater Central Office	83	58	60	61		86	412,400	Tumwater	98501	A03473	
L&I - Warehouse	43	36	43	39		71	26,084	Olympia	98501	A09701	
L&I - Yakima Service Location	63	75	101	47		83	18,135	Yakima	98902	A10532	
LOT HQ			64	103		25	26,102	Olympia	98506	UFI A06541	
LOT Warehouse			21	19		91	13,745	Lacey	98516	UFI A01161	
LWIT Redmond Building		75	75	78	84		20,000	Redmond	98052	A01108	
Military Dept Anacortes Boys ~ Girls Club (100S)			43	45			7,482	Anacortes	98221		
Military Dept Anacortes ReadCntr (50/50)	78	33	34	36	66		7,483	Anacortes	98221	A01829	
Military Dept Anacortes Storage Building (50/50)			9	7			5,065	Anacortes	98221		
Military Dept Bellingham ReadCntr (100S)			64	56	43		16,783	Bellingham	98226	A09383	
Military Dept Bellingham Storage Bldg 004 (100S)	13		14	13			5,065	Bellingham	98226		
Military Dept Bellingham VehPaint~PrepShop			14	13	7		3,509	Bellingham	98226		
Military Dept Boeing Field Bldg 201 (75/25)				33			20,400	Seattle	98108		
Military Dept Boeing Field Bldg 202 (75/25)				66			9,751	Seattle	98108		
Military Dept Boeing Field Bldg 203 (75/25)				41			1,000	Seattle	98108		
Military Dept Boeing Field Bldg 204 (75/25)				32			6,000	Seattle	98108		
Military Dept Boeing Field Bldg 205 (75/25)				37			4,000	Seattle	98108		
Military Dept Bremerton ReadCntr (50/50)			42	40	37		32,216	Bremerton	98312		
Military Dept Bremerton ReadCntr KitsapFD			64	42	39		7,301	Bremerton	98312		
Military Dept Bremerton ReadCntr Stor.Bldg			25	23	22		3,354	Bremerton	98312		
Military Dept Bremerton ReadCntr WYA (100S)			32	43			11,702	Bremerton	98312		
Military Dept Bremerton WYA (100S)			40	41	54		10,500	Bremerton	98312	A01769	
Military Dept Bremerton WYA Classroom 1 (100S)			27	34	28		3,584	Bremerton	98312		
Military Dept Bremerton WYA Classroom 2 (100S)				31			1,000	Bremerton	98312		
Military Dept Bremerton WYA Dorms (100S)			120	121	134	9	18,050	Bremerton	98312		
Military Dept Buckley ReadCntr (50/50)			37	37	34		27,092	Buckley	98321	A09174	
Military Dept Camp Murray Beach Acc.Ctrl.B.				11			1,000	Camp Murray	98430		
Military Dept Camp Murray Beach Kitchen~RV				612			1,000	Camp Murray	98430		
Military Dept Camp Murray Beach Restrooms				111			1,000	Camp Murray	98430		
Military Dept Camp Murray Bldg 001 (100S)			58	53			5,000	Camp Murray	98430		
Military Dept Camp Murray Bldg 001 (50/50)			58	53	55		14,086	Camp Murray	98430		
Military Dept Camp Murray Bldg 002 (100F)			45	42	43		9,660	Camp Murray	98430		
Military Dept Camp Murray Bldg 002 (50/50)			45	43	44		7,440	Camp Murray	98430		
Military Dept Camp Murray Bldg 003 (50/50)			14	13	13		19,165	Camp Murray	98430		
Military Dept Camp Murray Bldg 004A (100S)				7			1,000	Camp Murray	98430		
Military Dept Camp Murray Bldg 004B (100S)				7			1,000	Camp Murray	98430		
Military Dept Camp Murray Bldg 004C (50/50)				7			1,000	Camp Murray	98430		
Military Dept Camp Murray Bldg 005 (100S)			25	24	24		31,496	Camp Murray	98430		
Military Dept Camp Murray Bldg 005A (100F)			27	29			2,162	Camp Murray	98430		
Military Dept Camp Murray Bldg 005A (100S)			27	29	45		1,114	Camp Murray	98430		
Military Dept Camp Murray Bldg 005B (50/50)			12	19	12		3,276	Camp Murray	98430		
Military Dept Camp Murray Bldg 005C (50/50)			23	17			5,959	Camp Murray	98430		
Military Dept Camp Murray Bldg 005D (100F)			33	34			4,608	Camp Murray	98430		
Military Dept Camp Murray Bldg 005E (50/50)			66	43	23		1,578	Camp Murray	98430		

E.1 Building Energy Use Intensity (EUI)

Building Name (Owned and Leased)	Site Energy Use Intensity (EUI in kBtu/ft ²)					Energy Star Score (2013)	Total Floor Space (Sq. Ft.)	City	Zip Code	OFM Unique Facility Identifier (UFI)	Notes
	2009	2010	2011	2012	2013						
Military Dept: Camp Murray Bldg 006 (100F)			107	87			6,720	Camp Murray	98430	A09643	
Military Dept: Camp Murray Bldg 006A (100F)			65	56	52		7,650	Camp Murray	98430		
Military Dept: Camp Murray Bldg 007 (100F)			18	9			6,278	Camp Murray	98430		
Military Dept: Camp Murray Bldg 007 (100S)			17	9			2,930	Camp Murray	98430		
Military Dept: Camp Murray Bldg 007 (50/50)			18	9	12		4,743	Camp Murray	98430		
Military Dept: Camp Murray Bldg 008 (50/50)			57	49			5,400	Camp Murray	98430		
Military Dept: Camp Murray Bldg 009 (100S)			65	51	54		1,152	Camp Murray	98430		
Military Dept: Camp Murray Bldg 010 (100F)			48				1,000	Camp Murray	98430		
Military Dept: Camp Murray Bldg 011 (100F)			48				1,000	Camp Murray	98430		
Military Dept: Camp Murray Bldg 012 (100F)			4	3	2		10,296	Camp Murray	98430	A08867	
Military Dept: Camp Murray Bldg 013 (100F)			1	1	1		10,150	Camp Murray	98430	A01440	
Military Dept: Camp Murray Bldg 015 (50/50)			50	46			10,816	Camp Murray	98430	A02037	
Military Dept: Camp Murray Bldg 017 (100F)			90	77			4,457	Camp Murray	98430		
Military Dept: Camp Murray Bldg 018 (100F)			88	75			3,720	Camp Murray	98430		
Military Dept: Camp Murray Bldg 019 (100F)			315	324	293		4,960	Camp Murray	98430		
Military Dept: Camp Murray Bldg 020 (100S)			111	111	116		26,843	Camp Murray	98430		
Military Dept: Camp Murray Bldg 020A (100S)			12	19			2,052	Camp Murray	98430		
Military Dept: Camp Murray Bldg 020B (100S)			44	42	43		15,744	Camp Murray	98430		
Military Dept: Camp Murray Bldg 021 (50/50)			26	33			1,680	Camp Murray	98430		
Military Dept: Camp Murray Bldg 023 (100S)			53	43			1,235	Camp Murray	98430	A01467	
Military Dept: Camp Murray Bldg 024 (100F)			34	31	34		2,174	Camp Murray	98430		
Military Dept: Camp Murray Bldg 024 (100F)				7			1,000	Camp Murray	98430		
Military Dept: Camp Murray Bldg 025 (100F)			85	101	112		1,152	Camp Murray	98430		
Military Dept: Camp Murray Bldg 026 (100F)			49	47	47		1,860	Camp Murray	98430		
Military Dept: Camp Murray Bldg 027 (100F)			16	15			2,400	Camp Murray	98430	A06044	
Military Dept: Camp Murray Bldg 028 (100F)			87	82	48		7,100	Camp Murray	98430	A09399	
Military Dept: Camp Murray Bldg 029 (100F)			122	131	56		7,100	Camp Murray	98430		
Military Dept: Camp Murray Bldg 030 (100F)			55	55	29		4,500	Camp Murray	98430		
Military Dept: Camp Murray Bldg 031 (100F)			68	75	32		33,600	Camp Murray	98430		
Military Dept: Camp Murray Bldg 032 (100F)			44	46	47		45,322	Camp Murray	98430		
Military Dept: Camp Murray Bldg 033 (100F)				32			1,000	Camp Murray	98430		
Military Dept: Camp Murray Bldg 033 (100S)			41	39			4,580	Camp Murray	98430		
Military Dept: Camp Murray Bldg 033 (50/50)			41	39	39		36,330	Camp Murray	98430		
Military Dept: Camp Murray Bldg 034 (100F)			46	44			2,445	Camp Murray	98430		
Military Dept: Camp Murray Bldg 034 (50/50)			46	44	46		46,355	Camp Murray	98430		
Military Dept: Camp Murray Bldg 035 (100F)				13			1,000	Camp Murray	98430		
Military Dept: Camp Murray Bldg 036 (100S)			64	65			6,172	Camp Murray	98430		
Military Dept: Camp Murray Bldg 036 (50/50)			76	65	62		2,905	Camp Murray	98430		
Military Dept: Camp Murray Bldg 037 (100F)				9			1,000	Camp Murray	98430		
Military Dept: Camp Murray Bldg 040 (100F)			130	108	164		1,200	Camp Murray	98430		
Military Dept: Camp Murray Bldg 041 (100F)			130	120	158		1,200	Camp Murray	98430		
Military Dept: Camp Murray Bldg 042 (100F)			8	7	43		1,300	Camp Murray	98430		
Military Dept: Camp Murray Bldg 044 (75/25)			41	42			2,725	Camp Murray	98430		
Military Dept: Camp Murray Bldg 045 (100F)			27	18			4,240	Camp Murray	98430		
Military Dept: Camp Murray Bldg 046 (100F)			44	39	30		2,560	Camp Murray	98430		
Military Dept: Camp Murray Bldg 047 (100F)			44	24	36		1,460	Camp Murray	98430		

E.1 Building Energy Use Intensity (EUI)

Building Name (Owned and Leased)	Site Energy Use Intensity (EUI in kBtu/ft ²)					Energy Star Score (2013)	Total Floor Space (Sq. Ft.)	City	Zip Code	OFM Unique Facility Identifier (UFI)	Notes
	2009	2010	2011	2012	2013						
Military Dept Camp Murray Bldg 048 (100F)			245	171			1,460	Camp Murray	98430		
Military Dept Camp Murray Bldg 049 (100F)			10	7	16		1,500	Camp Murray	98430		
Military Dept Camp Murray Bldg 050 (50/50)			68	67			2,725	Camp Murray	98430		
Military Dept Camp Murray Bldg 051 (50/50)			69	66	64		2,725	Camp Murray	98430		
Military Dept Camp Murray Bldg 053 (100F)			103	85	141		2,708	Camp Murray	98430		
Military Dept Camp Murray Bldg 054 (50/50)			50	40	40		5,526	Camp Murray	98430		
Military Dept Camp Murray Bldg 061 (100F)			45	37	40		2,125	Camp Murray	98430		
Military Dept Camp Murray Bldg 062 (100F)			66	57	58		2,125	Camp Murray	98430		
Military Dept Camp Murray Bldg 063 (100F)			39	35	37		2,125	Camp Murray	98430		
Military Dept Camp Murray Bldg 064 (100F)			51	45	47		2,125	Camp Murray	98430		
Military Dept Camp Murray Bldg 065 (100F)			26	27			2,320	Camp Murray	98430		
Military Dept Camp Murray Bldg 090 (50/50)			45	44			5,789	Camp Murray	98430		
Military Dept Camp Murray Bldg 091 (100F)			37	36			6,175	Camp Murray	98430		
Military Dept Camp Murray Bldg 092 (100F)			40	39	32		6,735	Camp Murray	98430		
Military Dept Camp Murray Bldg 099 (100F)				125			1,000	Camp Murray	98430		
Military Dept Camp Murray Bldg 104 (100F)			68	42	35		9,612	Camp Murray	98430		
Military Dept Camp Murray Bldg 104A (100F)			16	125			1,440	Camp Murray	98430		
Military Dept Centralia MVS (100S)			30	48	108		4,675	Centralia	98531	A02353	
Military Dept Centralia ReadCntr (50/50)	37	28	33	31	31		29,878	Centralia	98531	A02024	
Military Dept Centralia ReadCntr Stor.Bldg (50/50)				2			1,000	Centralia	98531		
Military Dept Ephrata FMS #2 (100F)			68	63	77		3,230	Ephrata	98823	A00380	
Military Dept Ephrata FMS #2 Dispatch Bldg				7			1,000	Ephrata	98222		
Military Dept Ephrata FMS #2 FlammMat Stor			68	63	77		1,200	Ephrata	98823		
Military Dept Ephrata FMS #2 Stor.Bldg (100F)				43			1,000	Ephrata	98822		
Military Dept Ephrata ReadCntr (50/50)			34	39	46		16,681	Ephrata	98823	A01656	
Military Dept Everett ReadCntr (100S)	35	30	26	0			39,697	Everett	98201	A00633	
Military Dept Everett Storage Bldg (100S)			3	1			4,784	Everett	98201		
Military Dept Grandview MCOFT (100F)	15	14	14				1,800	Grandview	98930		
Military Dept Grandview ReadCntr (50/50)			46	41	45		24,475	Grandview	98930	A09253	
Military Dept JBLM 3104 AASF#1 (100F)			3	6	21		6,400	Joint Base Lewis	98433		
Military Dept JBLM 3106 AASF#1 (100F)			54	52	57		83,700	Joint Base Lewis	98433		
Military Dept JBLM 3108 AASF#1 (100F)			4	6	11		3,840	Joint Base Lewis	98433		
Military Dept JBLM 3109 AASF#1 (100F)				2			1,000	Joint Base Lewis	98433		
Military Dept JBLM 3113 AASF#1 (100F)				0	21		9,360	Joint Base Lewis	98433		
Military Dept JBLM 6224 Aviation ReadCtr (75/25)				34	35		107,999	Joint Base Lewis	98433		
Military Dept JBLM 9608/UTES (100F)			73	79	71		20,741	Joint Base Lewis	98433		
Military Dept JBLM 9609/UTES (100F)				16			1,000	Joint Base Lewis	98433		
Military Dept Kent Bldg 500 (75/25)			46				12,413	Kent	98032		
Military Dept Kent Bldg 501 (75/25)			50	37	33		9,608	Kent	98032		
Military Dept Kent Bldg 505 (75/25)			16	15	18		1,200	Kent	98032		
Military Dept Kent Bldg 506 (75/25)			69	44	33		2,110	Kent	98032		
Military Dept Kent Bldg 506A (100F)			66	42	31		2,400	Kent	98032		
Military Dept Kent Bldg 507 (75/25)				7			1,000	Kent	98032		
Military Dept Kent ReadCntr (75/25)			31	31	28		57,696	Kent	98032		
Military Dept Lacey Recruiting Station (100F)			107	88			2,800	Lacey	98516		
Military Dept Lakewood Recruiting Station (100F)			69	63			2,000	Lakewood	98499		

E.1 Building Energy Use Intensity (EUI)

Building Name (Owned and Leased)	Site Energy Use Intensity (EUI in kBtu/ft ²)					Energy Star Score (2013)	Total Floor Space (Sq. Ft.)	City	Zip Code	OFM Unique Facility Identifier (UFI)	Notes
	2009	2010	2011	2012	2013						
Military Dept Longview MVSB (50/50)			2	2	1		8,289	Longview	98632	A09239	
Military Dept Longview ReadCntr (50/50)	57	45	51	32	28		13,125	Longview	98632	A09244	
Military Dept Montesano FMS#4 (100F)			68	94			7,798	Montesano	98563	A05659	
Military Dept Montesano FMS#4 HazMat Strg				13			1,000	Montesano	98563		
Military Dept Montesano ReadCntr (50/50)			19	20	17		23,000	Montesano	98563	A04982	
Military Dept Moses Lake ReadCntr (50/50)			26	27	33		25,911	Moses Lake	98837	A04578	
Military Dept Moses Lake Storage Bldg (50/50)			25	22			2,400	Moses Lake	98837		
Military Dept Olympia MVSB (50/50)			1	2	1		6,856	Olympia	98501	A03825	
Military Dept Olympia ReadCntr (50/50)			26	25	24		42,001	Olympia	98501	A02790	
Military Dept Pasco MVSB (50/50)			0	1	0		9,584	Pasco	99301	A06545	
Military Dept Pasco ReadCntr (100S)				16			1,000	Pasco	99301		
Military Dept Pasco ReadCntr (50/50)			72	54	60		14,658	Pasco	99301	A01202	
Military Dept Port Orchard MVSB (50/50)			0	4			2,795	Port Orchard	98366		
Military Dept Port Orchard ReadCntr (50/50)			47	46	41		22,900	Port Orchard	98366	A04972	
Military Dept Pullman ReadCntr (100S)				0			21,242	Pullman	98163	A08362	
Military Dept Puyallup MVSB (50/50)			19	12			8,500	Puyallup	98372	A03999	
Military Dept Puyallup ReadCntr (50/50)			60	56	57		7,600	Puyallup	98372	A05188	
Military Dept Puyallup RecrStat.Sunrise Vil (100F)				122			1,483	Puyallup	98374		
Military Dept Puyallup Storage Bldg (50/50)			9	11	9		1,200	Puyallup	98372		
Military Dept Redmond NCOA 500 (75/25)			57	47			12,413	Redmond	98052		
Military Dept Redmond NCOA 501 (75/25)			72	62			9,149	Redmond	98052		
Military Dept Redmond NCOA 506 (75/25)							2,160	Redmond	98052		
Military Dept Redmond NCOA 506 (75/25)			43	40			2,160	Redmond	98052		
Military Dept Redmond NCOA 507 (75/25)				5			1,000	Redmond	98052		
Military Dept Seattle FMS#1 (100F)			124	155	141		6,600	Seattle	98119		
Military Dept Seattle FMS#1 BreakRoom (100F)			29	28			1,344	Seattle	98119		
Military Dept Seattle FMS#1 Org Stor Bldg (100F)				19			1,000	Seattle	98119		
Military Dept Seattle ReadCntr (50/50)			53	46	42		77,810	Seattle	98119		
Military Dept Seattle Recruiting Station (100F)			74	68			2,993	Seattle	98134		
Military Dept Sedro Woolley FMS#3 (100F)			69	75			7,527	Sedro Woolley	98284	A03869	
Military Dept Sedro Woolley HazMat Sto Bldg			28	28			1,200	Sedro Woolley	98284		
Military Dept Snohomish ReadCntr (50/50)			70	68	64		14,098	Snohomish	98290		
Military Dept Snohomish Storage Bldg (50/50)			188	115	66		1,926	Snohomish	98290		
Military Dept Spokane Fort G.Wright 800 (100S)			2	1			5,700	Spokane	98224		
Military Dept Spokane Fort G.Wright 801 (100S)			30	1			1,000	Spokane	98224		
Military Dept Spokane Fort G.Wright 802 (100S)			27	1			8,550	Spokane	98224		
Military Dept Spokane Fort G.Wright 804 (100S)			2	1			8,550	Spokane	98224		
Military Dept Spokane Fort G.Wright			27	1			5,678	Spokane	98224		
Military Dept Spokane Fort G.Wright 810 (100S)			1	1			2,400	Spokane	98224		
Military Dept Spokane G.Field Bldg 0200 (50/50)				19			24,454	Spokane	99224		
Military Dept Spokane G.Field Bldg 0300 (100F)			53	66			7,350	Spokane	99224		
Military Dept Spokane G.Field Bldg 0301 (100F)			19	16			8,000	Spokane	99224		
Military Dept Spokane G.Field Bldg 0304 (100S)				23	19		1,280	Spokane	99224		
Military Dept Spokane G.Field Bldg 0400 (50/50)				15			1,000	Spokane	99219		
Military Dept Spokane G.Field Bldg 0401 (50/50)				19			7,800	Spokane	99224		
Military Dept Spokane G.Field Bldg 0402 (50/50)				20			16,554	Spokane	99224		

E.1 Building Energy Use Intensity (EUI)

Building Name (Owned and Leased)	Site Energy Use Intensity (EUI in kBtu/ft ²)					Energy Star Score (2013)	Total Floor Space (Sq. Ft.)	City	Zip Code	OFM Unique Facility Identifier (UFI)	Notes
	2009	2010	2011	2012	2013						
Military Dept Spokane G.Field Bldg 0403 (50/50)				16			1,000	Spokane	99219		
Military Dept Spokane G.Field Bldg 2514 (50/50)				347			9,650	Spokane	99224		
Military Dept Spokane ReadCtr (50/50)			71	71			60,339	Spokane	99217	A07947	
Military Dept Spokane ReadCtr MaintTrngBay			70	69			2,448	Spokane	99217		
Military Dept Spokane ReadCtr Storage Bldg			30	33			5,600	Spokane	99217		
Military Dept Spokane RecruitStation (100F)			103	99	118		3,059	Spokane	99202		
Military Dept Spokane RecruitStation Valley		52	45	28	27		1,000	Spokane Valley	99216		
Military Dept Tacoma ReadCntr (100S)				6			99,610	Tacoma	98405	A02535	
Military Dept Walla Walla ReadCntr (50/50)			16	11	12		52,500	Walla Walla	99362	A04267	
Military Dept Walla Walla Storage Bldg (50/50)			2	0	1		5,875	Walla Walla	99362		
Military Dept Wenatchee MVS (50/50)				6			1,000	Wenatchee	98801		
Military Dept Wenatchee ReadCntr (50/50)			52	49	54		12,583	Wenatchee	98801	A02667	
Military Dept Wenatchee USARC Storage Bldg			30	28			1,325	Wenatchee	98801		
Military Dept Wenatchee USARC-Annex (50/50)			64	63	60		6,644	Wenatchee	98801		
Military Dept Yakima ReadCntr Airport (50/50)			56	62	84		54,038	Yakima	98903		
Military Dept Yakima ReadCntr Storage (50/50)			30	27			12,000	Yakima	98903		
Military Dept Yakima YTC MATES-2205 (100F)			7	8	9		20,000	Yakima	98902		
Military Dept Yakima YTC MATES-856 (100F)			113	78	76		4,800	Yakima	98901		
Military Dept Yakima YTC MATES-960 (100F)			67	62	69		70,171	Yakima	98901		
Military Dept Yakima YTC MATES-953 (100F)				5			1,000	Yakima	98901		
Military Dept Yakima YTC-271 (75/25)			31	31	25		6,301	Yakima	98901		
Military Dept Yakima YTC-870 (75/25)			26	28	33		25,821	Yakima	98901		
Military Dept Yakima YTC-871 (75/25)			1	1	1		5,085	Yakima	98901		
Military Dept Yakima YTC-872 (100F)			79	70	73		6,210	Yakima	98901		
Military Dept Yakima YTC-947 (100F)				36			1,000	Yakima	98901		
Military Dept Yakima YTC-948 (100F)				37			1,000	Yakima	98901		
Military Dept Yakima YTC-949 (100F)			82	66	82		1,792	Yakima	98901		
Military Dept Yakima YTC-951 (100F)			55	52	54		36,900	Yakima	98901		
Military Dept Yakima YTC-951A (100F)			45	32	17		1,200	Yakima	98901		
Military Dept Yakima YTC-FL953 (100F)				26			1,000	Yakima	98901		
NSCC MAIN ARTS AND SCIENCES				46	45		80,200	SEATTLE	98103	A03803	
NSCC MAIN COLLEGE CENTER				64	57		154,604	SEATTLE	98103	A02135	
NSCC MAIN INSTRUCTIONAL BUILDING				59	61		134,070	SEATTLE	98103	A04706	Electric meter data includes Childcare Center and a chiller.
OC Bremerton - Art A (ATA)			34	59			13,941	Bremerton	98337	A09092	
OC Bremerton - Art B (ATB)			28	27			6,568	Bremerton	98337	A09092	
OC Bremerton - Bremer Automotive Tech (BAT)			51	53			9,783	Bremerton	98337	A00110	
OC Bremerton - Bremer Student Center (BSC)				13041			49,819	Bremerton	98337	A08412	
OC Bremerton - Business & Technology (BUS &)				45155			26,830	Bremerton	98337	A04881 for	
OC Bremerton - Engineering (ENG)			91	23500			8,557	Bremerton	98337	A00726	
OC Bremerton - Facilities Services Building (FSB)			126	153			15,434	Bremerton	98337	A02064	
OC Bremerton - Hazelwood Library (HL)			99	34413			35,953	Bremerton	98337	A06195	
OC Bremerton - Health Occupations Center (HOC)				76			11,628	Bremerton	98337	A07215	
OC Bremerton - Heat Plant (MEC)				63			1,888	Bremerton	98337	A03534	
OC Bremerton - Humanities & Student Services				103			80,926	Bremerton	98337	A07734	
OC Bremerton - Music (MUS)				12814			10,450	Bremerton	98337	A04304	
OC Bremerton - Physical Education Department			59	20620			16,734	Bremerton	98337	A03439	

E.1 Building Energy Use Intensity (EUI)

Building Name (Owned and Leased)	Site Energy Use Intensity (EUI in kBtu/ft ²)					Energy Star Score (2013)	Total Floor Space (Sq. Ft.)	City	Zip Code	OFM Unique Facility Identifier (UFI)	Notes
	2009	2010	2011	2012	2013						
OC Bremerton - Science & Technology (ST)				28394			61,194	Bremerton	98337	A07659	
OC Bremerton - Shop (SHP)				66646			15,625	Bremerton	98337	A08453	
OC Bremerton - Sophia Bremer Childcare				42			16,523	Bremerton	98337		
OC Bremerton - Theater (THR)			74	31247			6,247	Bremerton	98337	A02252	
OC Poulsbo - Olympic College Poulsbo (OCP)		57	139				35,594	Poulsbo	98370	A06616	
OC Shelton - Palmer Student Center (PSC)			38	47			8,299	Shelton	98584	A06411	
OC Shelton - The Johnson Library (TJL)				181			7,530	Shelton	98584	A03363	
Parks Headquarters	42	45	48			88	46,857	Tumwater	98501		
PCC MAIN ADMINISTRATION	36	38	40	40	45		10,846	PORT ANGELES	98362	A09924	
PCC MAIN AUTO/DIESEL MECHANICS		1	2	2	1		18,002	PORT ANGELES	98362	A05205	
PCC MAIN CONFERENCE CENTER	41	39	43	44	56		5,728	PORT ANGELES	98362	A07625	
PCC MAIN DEPT OF CORRECTIONS	73	79	77	39	32		2,490	PORT ANGELES	98362	A08711	
PCC MAIN HOUSE OF LEARNING	91	81	78	78	81		2,988	PORT ANGELES	98362	A02471	
PCC MAIN LIBRARY RESOURCE CENTER	45	45	45	47	46		26,680	PORT ANGELES	98365	A02004	
PCC MAIN SCIENCE & TECHNOLOGY	52	53	86	132	114		56,000	PORT ANGELES	98362	A08813	
PCC MAIN THEATRE/STUDENT UNION	69	65	71	76	81		24,011	PORT ANGELES	98362	A04882	
Pierce Ft. Steilacoom Barn	16	17	21	18			900	Lakewood	98498	A07687	
RTC Main Facilities/ECE	44	68					11,088	Renton	98056	A07623	Natural Gas Meter 952694 is recorded under PSE_2653173-Gas
RTC Main Family Life/Child Care	45	102					8,880	Renton	98056	A04298	Natural Gas Meter 001163824 is recorded under PSE_2653197-
SBCTC Center for Information Services	109						44,000	Bellevue	98004	A04839	
SBCTC Headquarters	61					66	27,641	Olympia	98504		
SCCC FINE ARTS BUILDING			57	62	65		64,820	SEATTLE	98122	A07769	
SCCC SCIENCE AND MATH			149	146	153		84,300	SEATTLE	98122	A03954	
SCCC SEATTLE VOCATIONAL INST.			87	84	73		114,000	SEATTLE	98144	A05954	
SCCC WOOD CONSTR CNTR/MAIN BLD					52		67,750	SEATTLE	98144	A07020	There was major construction at the site from October 2011 to
SOS Elections Office		45	42			67	10,666	Olympia	98501	A09453	
SOS Washington State Library	68	65	57				49,904	Tumwater	98501	A02469	
SPSCC Hawks Prairie		68	88	84	87		21,211	Lacey	98516	A01491	
SVC CFLC (1919 N. LaVenture)	66	59	70	71	67		4,792	Mt. Vernon	98273	A03753	
SVC Connite House 2701 E. College Way	67	70	80	77	72		2,000	Mt. Vernon	98273	A08753	
SVC Downtown Center	50	46	50	48	45	86	10,262	Mt. Vernon	98273	A09374	
SVC ECEAP 1051 NE 21st Ct., Oak Harbor	57	55	47	41	41		8,000	Oak Harbor	98277	A08585	
SVC Marine Maintenance Technology (951 NE	78	61	15	2	2		15,744	Oak Harbor	98277		
SVC McIntyre Hall (2501 E College Way)	47	44	57	45	43		34,950	Mt. Vernon	98273		
SVC MV Angst Hall		2	4	2	2		67,942	Mt. Vernon	98273	A06053	
SVC MV East Campus Building (2727 E College	14	30	32	37	45		10,250	Mount Vernon	98273	A06954	
SVC Parker House (1800 N LaVenture)	84	78	86				1,626	Mount Vernon	98273	A00047	
SVC San Juan Center	57						7,710	Friday Harbor	98250	A04979	
SVC Skagit Valley Playfields	0	0	0	0	0		440,000	Mt. Vernon	98273		
SVC Toddler Learning Center (950 SE Regatta Dr.)	34	34	40	39	35		3,207	Oak Harbor	98277	A03782	
SVC WIC 1000 SE Regatta Dr. (Hayes Hall)	172	160	166	169	162		15,562	Oak Harbor	98277	A09219	
SVC WIC 1201 E. Pioneer (Old Main & Sprague	30	29	27	25	25		33,372	Oak Harbor	98277	A01220 and	
SVC WIC 1900 SE Pioneer (Oak Hall)	106	96	106	108	100		40,725	Oak Harbor	98277	A03072	
TCC Bldg 11 Tahoma	28	22	27	22	23		40,810	Tacoma	98466	A07930	
TCC Bldg 12 Classroom Administration	23	30	32	29	32		16,500	Tacoma	98466	A08709	
TCC Bldg 14 Cascade	21	11	9	3	16		17,880	Tacoma	98466	A00444	

E.1 Building Energy Use Intensity (EUI)

Building Name (Owned and Leased)	Site Energy Use Intensity (EUI in kBtu/ft ²)					Energy Star Score (2013)	Total Floor Space (Sq. Ft.)	City	Zip Code	OFM Unique Facility Identifier (UFI)	Notes
	2009	2010	2011	2012	2013						
TCC Bldg 15 Pamela Transue Ctr for Science &	129	175	163	144	137		73,000	Tacoma	98466	A02101	
TCC Bldg 16 Info Tech Voc Center	24	24	36	30	18		56,516	Tacoma	98466	A01953	
TCC Bldg 17 Meeker	75	68	77	39	1		9,553	Tacoma	98466	A04784	
TCC Bldg 18 Information Systems - Adjunct Faculty	11	5	11	17	9		16,231	Tacoma	98466	A08337	
TCC Bldg 19 Mt Rainier	55	42	49	52	58		36,649	Tacoma	98466	A05826	
TCC Bldg 21 Maintenance	10	11	10	14	19		8,960	Tacoma	98466	A09893	
TCC Bldg 22 Carpenter shop & Grounds	25	30	29	27	51		4,000	Tacoma	98466	A05344	
TCC Bldg 3 Early Learning Center	74	105	115	106	115		13,000	Tacoma	98466	A07995	
TCC Bldg 5 Glaudrone	124	135	151	149	156		11,610	Tacoma	98466	A04496	
TCC Bldg 7 Pearl Wanamaker	30	64	64	66	66		67,176	Tacoma	98466	A01540	
TCC Bldg 8 Tye	62	65	70	57	60		9,553	Tacoma	98466	A05550	
TCC EDA Bldg 00A	19	23	28	23	20		605	Tacoma	98466	A07998	
TCC Gig Harbor Center Bldg 00D	99	89	85	99	75		13,000	Gig Harbor	98335	A01020	
UTC - 1400 Building	47					66	15,647	Olympia	98502		
UW Benjamin Hall IRB	182	213	309	218	234		119,570	Seattle	98105		
UW Tacoma Court 17 Apartments (Parking)		5	5				87,780	Tacoma	98402	A09891	UWT owns and operates the parking garage portion only. The
UW Tacoma Laborer's Hall		7	14				5,380	Tacoma	98402	A05085	
UW Tacoma Longshoremen's Hall	62	74	70				10,020	Tacoma	98402	A01239	
WDFW B012 Lacey Construction Shop (B012-S1)	33	30	38	32		61	27,800	Lacey	98503	A03299	
WDFW Point Whitney Shellfish Lab	6	2				100	18,244	Brinnon	98320	A00089,	
WDFW Region 5 Vancouver Office	65	53	61			59	25,782	Vancouver	98661	A06207	
WDFW Region 6 Montesano Office	44	37	45			75	12,959	Montesano	98563	A02117,	
WDFW Yakima Construction Shop	57	42				57	11,200	Yakima	98902	A02173	
WSHS History Museum390	90	71	75				104,377	Tacoma	98402	A05174	
WSHS Research Center390	58	44	41				60,000	Tacoma	98401	A05648	
WSP D1 (Leased) ITD 3310 Capitol Blvd		32				70	5,064	Tumwater	98501	A07652	
WSP D1 (Leased) ITD 3312 Capitol Blvd		390				100	8,100	Tumwater	98501	A07652	
WSP D1 (Leased) ITD 411 Cleveland Plaza	22					92	21,600	Tumwater	98501	A06326	This facility became part of the WSP ITD Campus on
WSP D1 (Leased) Olympia Aviation	98	75					11,080	Tumwater	98504	A10872	
WSP D2 (Leased) FLSB Crime Lab Seattle	238						58,325	Seattle	98134	A08187	Seattle Crime lab occupies Floors 2, 3 and part of 4---for a total
WSP D2 Fire Training Academy - CAMPUS	76						75,810	Northbend	98068		
WSP D3 Grandview Detachment		73					4,573	Grandview	98930		
WSP D3 Yakima District HQ Building				123		6	23,760	Union Gap	98903	A05576	
WSP D4 Cheney Crime Lab	370						34,765	Cheney	99004	A02254	
WSP D5 Vancouver Crime Lab	213	194					35,356	Vancouver	98660	A07056	
WSP D6 Wenatchee District HQ	6	6					15,691	Wenatchee	98801	A03003	Chelan County PUD Account # 9037300000
WSP D8 Bremerton District HQ	80	73					12,000	Bremerton	98312	A09977	
WSP D8 State Patrol Academy Dining Hall	109						6,369	Shelton	98584		Main electrical meter for the campus is in the Kitchen.
WSP D8 State Patrol Academy Dog Classroom	33						1,440	Shelton	98584	A05408	The Canine Classroom has it's own Electric meter.
WSP D8 State Patrol Academy Fire Arms Training	71	45					520	Shelton	98584	A07856	The firing range has it's own electrical meter.
WSP D8 State Patrol Academy Kitchen	120						5,722	Shelton	98584	A02368	
WSP D8 State Patrol Academy Maintenance		1693					167	Shelton	98584	A07670	
WSU Olympia WSUEEP		55	57			69	34,206	Olympia	98501	A10527	WSU Extension Energy Program.
WSU Pullman 0031 President Residence			1	2			10,308	Pullman	99164		
WSU Pullman 0042 Olympia Avenue Student			14	13		100	78,562	Pullman	99164		
WSU Pullman 0060 - WSU Incinerator			570	754			5,812	Pullman	99164		

E.1 Building Energy Use Intensity (EUI)

Building Name (Owned and Leased)	Site Energy Use Intensity (EUI in kBtu/ft ²)					Energy Star Score (2013)	Total Floor Space (Sq. Ft.)	City	Zip Code	OFM Unique Facility Identifier (UFI)	Notes
	2009	2010	2011	2012	2013						
WSU Pullman 0063 - COMPTON UNION BUILDING			2	2			244,590	Pullman	99164		
WSU Pullman 0066M - Markley Services Project			39	35			4,500	Pullman	99164		
WSU Pullman 0074 Dodgen Research			150	135			24,132	Pullman	99164		
WSU Pullman 0103A Farm Services Shop			118	111			4,320	Pullman	99164		
WSU Pullman 0118 Greenhouse			162	128			4,607	Pullman	99164		
WSU Pullman 0120 Carver Farm			43	43			22,061	Pullman	99164		This electric meter serves all buildings at Carver farm that use
WSU Pullman 0120F Carver Farm Fish Vivaria			85	66			8,800	Pullman	99164		
WSU Pullman 0120L Vet Teaching Barn			42	50			17,169	Pullman	99164		
WSU Pullman 0121B Tukey Support			11	13			3,888	Pullman	99164		
WSU Pullman 0121C - Tukey Hort Post Harvest			50	45			1,760	Pullman	99164		
WSU Pullman 0122 Plant Growth Center			104	102			33,979	Pullman	99164		
WSU Pullman 0124A/B Greenhouse			138	118			6,332	Pullman	99164		This meter serves two facilities....124A and 124B
WSU Pullman 0141G Golf Course Turf Mntce			36	24			12,785	Pullman	99164		
WSU Pullman 0166 Vet Maint Shop			81	70			4,076	Pullman	99164		
WSU Pullman 0167 Small Animal Holding Facility			3	9			945	Pullman	99164		
WSU Pullman 0180A Steffen Center Office and			215	253			11,352	Pullman	99164		
WSU Pullman 0180C Steffen CTR Biological			158	151			3,611	Pullman	99164		
WSU Pullman 0194C USDA Equip Storage			36	32			800	Pullman	99164		
WSU Pullman 0197C Endo Disease Interhost			28	135			1,800	Pullman	99164		
WSU Pullman 0197D Endo Disease Snails			37	23			2,100	Pullman	99164		
WSU Pullman 0197H Endo Disease Ruminant			30	19			1,800	Pullman	99164		
WSU Pullman 0197J Endo Disease Utility Bldg			63	71			3,064	Pullman	99164		
WSU Pullman 0197K Endo Disease Farm Lab			88	107			1,792	Pullman	99164		
WSU Pullman 0197L Endo Disease Horse Lab			139	125			3,200	Pullman	99164		
WSU Pullman 0197M Endo Disease Puffet Lab			54	90			1,789	Pullman	99164		
WSU Pullman 0199A Vet Quarantine Facility A			756	529			672	Pullman	99164		
WSU Pullman 0199B Vet Quarantine Facility B			109	65			672	Pullman	99164		
WSU Pullman 0199C Vet Quarantine Facility C			80	58			672	Pullman	99164		
WSU Pullman 0199D Vet Quarantine Facility D			164	155			672	Pullman	99164		
WSU Pullman 0199E Vet Quarantine Facility E			71	76			672	Pullman	99164		
WSU Pullman 0199F Vet Quarantine Facility F			113	101			672	Pullman	99164		
WSU Pullman 0199G Vet Isolation Barn			127	149			1,280	Pullman	99164		
WSU Pullman 0200 Vet SM Ruminant Barn			14	14			3,240	Pullman	99164		
WSU Pullman 0353 Creamery Annex			36	31			20,417	Pullman	99164		
WSU Pullman 0356 Maintenance Materials			99	97			4,455	Pullman	99164		
WSU Pullman 0358E Anthropology Storage			46	47			5,263	Pullman	99164	A04479	
WSU Pullman 0358H Glass & Transformer Storage			64	61			6,111	Pullman	99164		
WSU Pullman 0358J Storeroom Storage			17				13,939	Pullman	99164		
WSU Pullman 0362 Feed Plant			117	103			6,382	Pullman	99164		
WSU Pullman 0365 Tennis Clubhouse			56	52			2,049	Pullman	99164		
WSU Pullman 0365H Golf Course Clubhouse			307				8,311	Pullman	99164		
WSU Pullman 0807A - ANIMAL DISEASE			4	3			97,986	PULLMAN	99164	A09263	
WSU Pullman 0812A Martin Stadium South			1	2			9,481	Pullman	99164		
WSU Pullman 0812C Martin Stadium North			2	2			53,174	Pullman	99164		
WSU Pullman 0816 Food Science Human Nutrition			36	33			117,362	Pullman	99164		
WSU Pullman 0818 - VETERINARY TEACHING			1	1			129,836	Pullman	99164		

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	2009	2010	2011	2012	2013						
WSU Pullman 0819 - STUDENT RECREATION			137				165,513	Pullman	99164		
WSU Pullman 0831 Parking Services			171	169			4,795	Pullman	99164		
WSU Pullman 0844 Antenna Building			3	1			192	Pullman	99164	A02124	
WSU Pullman 0850 E Campus CHW Plant			52	37			5,070	Pullman	99164		
WSUS Academic Center		53	91	91			108,144	Spokane	99202	A01963	
WSUS College of Nursing		114	127	128			87,516	Spokane	99202	A00916	
WSUS Health Sciences Building		101	108	108			145,616	Spokane	99202	A05453	
WSUS Innovate Washington		459	612	596			15,386	Spokane	99202	A02428	
WSUS Phase One Classroom Building		102	107	100			119,585	Spokane	99202	A03104	
WSUS South Campus Facility		35	40	34			63,725	Spokane	99202	A01999	
WSUS Vet Clinic		53	60	56			10,151	Spokane	99202	A09461	
WVC Allied Health	14	14	13	13		100	80,600	Wenatchee	98801		
WVC Main Campus Central WA Univ	78	67			60		7,667	Wenatchee	98801	A02877	
WVC Main Campus Eller/Fox	66	77			101		16,200	Wenatchee	98801	A00748	
WVC Main Campus Facilities	40	51			65		7,339	Wenatchee	98801	A08925	
WVC Main Campus Grey House		34			31		1,500	Wenatchee	98801		
WVC Main Campus Gym	85	91			93		25,901	Wenatchee	98801	A05684	
WVC Main Campus Indus. Tech.	42	53			98		8,428	Wenatchee	98801	A00152	
WVC MAIN CAMPUS MUSIC AND ARTS CENTER					71		27,656	WENATCHEE	98801		
WVC Main Campus Residence Hall		48			53		15,715	Wenatchee	98801	A09858	
WVC Main Campus Van Tassell	120	85			85		24,640	Wenatchee	98801	A00894	
WVC Main Campus Wenatchi Hall	165	153			156		82,000	Wenatchee	98801	A06617	
WVC NORTH CAMPUS		65					29,208	OMAK	98841	Not	
WWU Academic Inst Ctr	108						130,649	Bellingham	98225	Not	
WWU Administrative Services	141						30,035	Bellingham	98225		
WWU Alumni House	66						2,623	Bellingham	98225		
WWU Archives	66						18,765	Bellingham	98225		
WWU Arntzen Hall	69						98,337	Bellingham	98225		
WWU Biology	284						81,120	Bellingham	98225		
WWU Birnam Wood	79					75	121,448	Bellingham	98225		
WWU Bond Hall	92						89,591	Bellingham	98225		
WWU Bookstore	60						17,896	Bellingham	98225		
WWU Buchann Tower	113					41	101,095	Bellingham	98225		
WWU Campus Services	136						34,698	Bellingham	98225		
WWU Carver Gym	103						110,700	Bellingham	98225		
WWU Chemistry	359						72,574	Bellingham	98225		
WWU College Hall	15						32,917	Bellingham	98225		
WWU Commissary	89					7	37,121	Bellingham	98225		
WWU Communications	99						131,365	Bellingham	98225		
WWU Edens Hall	60					75	51,420	Bellingham	98225		
WWU Edens North	121					38	26,432	Bellingham	98225		
WWU Engineering Technology	122						77,592	Bellingham	98225		
WWU Environmental Studies	113						111,145	Bellingham	98225		
WWU Fairhaven College	119						17,114	Bellingham	98225		
WWU Fairhaven Commons	146						34,415	Bellingham	98225		
WWU Fairhaven Towers	92					52	138,012	Bellingham	98225		

E.1 Building Energy Use Intensity (EUI)

Building Name (Owned and Leased)	Site Energy Use Intensity (EUI in kBtu/ft ²)					Energy Star Score (2013)	Total Floor Space (Sq. Ft.)	City	Zip Code	OFM Unique Facility Identifier (UFI)	Notes
	2009	2010	2011	2012	2013						
WWU Fine Arts	172						74,886	Bellingham	98225		
WWU Haggard Hall	79						107,971	Bellingham	98225		
WWU Higginson Hall	66					80	47,241	Bellingham	98225		
WWU High St Hall	53						9,918	Bellingham	98225		
WWU Highland Hall	176					9	16,071	Bellingham	98225		
WWU Humanities	91						46,904	Bellingham	98225		
WWU Marine Center	116						37,917	Anacortes	98221		
WWU Mathes Hall	83					73	75,381	Bellingham	98225		
WWU Miller Hall	68						133,117	Bellingham	98225		
WWU Nash Hall	85					72	76,891	Bellingham	98225		
WWU Old Main	64						145,474	Bellingham	98225		
WWU Parks Hall	55						56,109	Bellingham	98225		
WWU Performing Arts	63						134,515	Bellingham	98225		
WWU Physical Plant	63						38,509	Bellingham	98225		
WWU Ridgeway Alpha	118					47	21,109	Bellingham	98225		
WWU Ridgeway Beta	119					47	35,857	Bellingham	98225		
WWU Ridgeway Commons	243						32,853	Bellingham	98225		
WWU Ridgeway Delta	116					50	22,513	Bellingham	98225		
WWU Ridgeway Gamma	115					53	38,529	Bellingham	98225		
WWU Ridgeway Kappa	118					47	48,577	Bellingham	98225		
WWU Ridgeway Omega	117					49	20,693	Bellingham	98225		
WWU Ridgeway Sigma	119					44	20,471	Bellingham	98225		
WWU Science Lecture	78						40,144	Bellingham	98225		
WWU Student Rec Center	158						98,300	Bellingham	98225		
WWU Viking Commons	341						30,739	Bellingham	98225		
WWU Viking Union	209						65,342	Bellingham	98225		
WWU Wilson Library	56						140,793	Bellingham	98225		
YVCC - Yakima Technology Complex				37			48,140	Yakima	98902		
YVCC Grandview Activity Center				14			4,857	Grandview	98930		
YVCC Grandview Library				67		17	12,144	Grandview	98930	A08651	
YVCC Grandview Main Center				24			28,629	Grandview	98930	A01507	
YVCC Grandview WED				36			25,888	Grandview	98930	A08651	
YVCC Yakima Brown Dental Clinic				50			15,038	Yakima	98902	A09387	
YVCC Yakima Central Receiving				9			4,535	Yakima	98902	A05665	
YVCC Yakima Child Care				25			9,934	Yakima	98902	A06522	
YVCC Yakima Facility Operations				9			15,120	Yakima	98902	A05665	Includes Central Receiving
YVCC Yakima Glenn Anthon				32			102,534	Yakima	98902	A04522	
YVCC Yakima SRC/Lyon Hall				55			58,647	Yakima	98902	A06686	

E.2 Campus Energy Use Intensity (EUI)

Campus Name	Site EUI (kBtu/ft ²)					Total Floor Space (Sq. Ft.)	City	Zip Code
	2009	2010	2011	2012	2013			
Bates Central (Mohler) Campus	87	85	82			50,000	Tacoma	98405
Bates Downtown Campus	73					342,148	Tacoma	98405
Bates South Campus	98					247,781	Tacoma	98409
BBCC Campus	70					474,402	Moses Lake	98837
BC Main			84	103	79	632,676	Bellevue	98007
CCS 171-000 SCC Campus		92	104	89		947,622	Spokane	99217
CCS 172-000 SFCC Campus		95	110	97		591,956	Spokane	99224
CJTC Campus			27			180,182	Burien	98148
CLARK MAIN CAMPUS					60	791,690	VANCOUVER	98663
CPTC Campus	87	79	71	65	61	553,571	Lakewood	98499
CWU					685	3,134,679	Ellensburg	98926
DES Cap Campus	118	110	112	112	105	2,232,923	Olympia	98504
DOC AHCC - CAMPUS				222		717,941	Airway Heights	99001
DOC CBCC - CAMPUS	153	159	149	140		391,894	Clallam Bay	98326
DOC CRCC - CAMPUS	111				157	730,986	Connell	99326
DOC WSP - CAMPUS					187	1,396,259	Walla Walla	99362
DOT 04BA00 Wenatchee Rhq - Old	90	75	82	71	64	45,548	WENATCHEE	98801
DOT 04BB00 Wenatchee Rhq - New Euclid	44	42	45	43	42	137,075	WENATCHEE	98801
DOT 05CA00 Port Angeles Area 3 MF	32	31	32	33	28	21,117	Port Angeles	98363
DOT 06BA00 Vancouver Area 1 Maint. H						93,103	Vancouver	98668
DOT 06BC00 SW Admin Site (Ace)	39	42	43	42	52	127,389	Vancouver	98682
DOT 10DD00 Republic SMF						11,066	Republic	99166
DOT 11CA00 Pasco Area 3 MF						18,130	Pasco	99301
DOT 13CA00 Ephrata Area HQ Office/Sh		6	7	6	6	15,427	Ephrata	98823
DOT 13CB00 Electric City Smf			96	94	89	15,427	Electric City	99123
DOT 14CB00 Central Park Maint/Pe Off			23	21	19	29,003	Aberdeen	98520
DOT 14DN00 Elma Smf	14	22	30	33	31	11,521	Elma	98541
DOT 17BB00 Area 5 Spokane St.			67	66	58	17,397	Seattle	98134
DOT 17BM00 Dayton Ave Rhq	58	59	57	58	57	168,208	Seattle	98133
DOT 17BA00 Corson						203,673	Seattle	98108
DOT 17BE00 NW Signals 7			119	120	116	19,504	Seattle	98134
DOT 17CD00 Northup Area 5 MF			58	61	64	20,027	Bellevue	98004

E.2 Campus Energy Use Intensity (EUI)

Campus Name	Site EUI (kBtu/ft ²)					Total Floor Space (Sq. Ft.)	City	Zip Code
	2009	2010	2011	2012	2013			
DOT 17CG00 Area 4 Kent Maint						14,682	Kent	98032
DOT 17EB00 Area 4 Enumclaw						10,182	Enumclaw	98022
DOT 18CB00 Mullenix Area 2 MF			10	66	62	23,872	PORT ORCHARD	98366
DOT 19CA00 Bullfrog Area 1 MF	37	33	33	36	40	22,726	CLE ELUM	98922
DOT 19DB00 Hyak Maintenance Building				73	66	22,664	SNOQUALMIE PASS	98068
DOT 20CA00 Goldendale Area 4 MF			70			17,216	GOLDENDALE	98620
DOT 25CA00 Raymond Area 3 HQ Site	55	50		55	54	11,751	RAYMOND	98577
DOT 27CA00 Lakeview Area 1 MF			52	24	22	34,830	Tacoma	98499
DOT 29CA00 Area 2 Maint HQ Mt. Vern			49	49	53	33,131	MT. VERNON	98274
DOT 31CA00 Area 3 Maint. HQ Everett				80	78	20,148	EVERETT	98206
DOT 31GJ00 Eastmont Field Offices			89	42	42	21,371	Everett	98208
DOT 32BA00 Eastern Region HQ						109,560	Spokane	99207
DOT 32DC00 Geiger Section Facility SG418R					77	17,895	SPOKANE	99224
DOT 32GF00 Area 1 Maint HQ/PE Office						14,305	SPOKANE	99218
DOT 33CA00 Colville Area 4 HQ SG128						12,816	COLVILLE	99114
DOT 34AE00 Tumwater Materials Lab						65,054	TUMWATER	98512
DOT 34BA00 Tumwater RHQ						114,691	TUMWATER	98504
DOT 34DL00 Mottman SMF						17,458	TUMWATER	98512
DOT 36CB00 Walla Walla AMF	33		44	62	71	20,967	WALLA WALLA	99362
DOT 37CE00 Area 1 Maint.HQ B'ham			60	59	61	21,178	BELLINGHAM	98226
DOT 37DE00 Newhalem SMF	7	8	9	8	9	7,385	Newhalem	98267
DOT 38CB00 Colfax Maint Site	31					16,722	COLFAX	99111
DOT 39BA00 Union Gap District Office	30	24	27		55	133,188	UNION GAP	98903
DOT 39CB00 East Selah Area 2 MF					4	13,583	YAKIMA	98901
DSHS Canyon View Community Facility JRA - CAMPUS	121	112			108	6,576	East Wenatchee	98802
DSHS Green Hill School Campus JRA - CAMPUS	152					278,365	CHEHALIS	98532
DSHS Lakeland Village Campus DDD - CAMPUS	177	162	151	149	171	429,519	MEDICAL LAKE	99022
DSHS Pierce SCTF/Total Confinement Facility Campus SCC -	135	153			153	266,434	STEILACOOM	98388
DSHS Rainier School DDD - CAMPUS	137	128	130	124	124	836,009	Buckley	98321
DSHS Twin River Community Facility JRA - CAMPUS	101	97				5,944	Richland	99352
DSHS Western State Hospital_Child Study Treatment MHD -			116	120	121	1,293,311	Lakewood	98498
DSHS YAKIMA VALLEY SCHOOL DDD - CAMPUS	149	143			72	149,078	Selah	98942

E.2 Campus Energy Use Intensity (EUI)

Campus Name	Site EUI (kBtu/ft ²)					Total Floor Space (Sq. Ft.)	City	Zip Code
	2009	2010	2011	2012	2013			
DVA E Wash Cemetery-CAMPUS		50	80	106	109	8,276	Medical Lake	99022
DVA Spokane Veterans Home-CAMPUS	133	141	143	124	130	42,510	Spokane	99202
DVA Washington Soldiers Home and Colony-CAMPUS					217	162,287	Orting	98360
DVA Washington Veterans Home-Campus					41	324,974	Retsil	98378
NSCC CAMPUS			71	67	67	618,279	SEATTLE	98103
Parks Beacon Rock Campus		15	14	13		24,923	Skamania	98648
Parks Blake Island Campus		9	10	8		47,064	Manchester	98353
Parks Cama Beach/Camano Island Campus		21	57	49		43,787	Camano Island	98292
Parks Cape Disappointment Campus			66	58		47,778	Ilwaco	98624
Parks Deception Pass Campus			39	37		82,398	Oak Harbor	98277
Parks ELC Camp Wooten Campus		50				24,998	Pomeroy	99347
Parks Fort Casey Campus			3	3		135,003	Coupeville	98239
Parks Fort Columbia Campus			8	7		125,110	Naselle	98638
Parks Fort Ebey Campus			20			20,644	Coupeville	98239
Parks Fort Flagler Campus			10	12		349,974	Nordland	98358
Parks Fort Simcoe Campus		13	14	11		23,248	Harrah	98952
Parks Fort Worden Campus				24		795,280	Port Townsend	98368
Parks GRG Flaming Geyser Campus		49	9	7		22,119	Auburn	98002
Parks Illahee Campus		22	22			16,067	Bremerton	98310
Parks Lake Sammamish Campus		31				52,407	Issaquah	98027
Parks Lake Wenatchee Campus		31	32	32		26,690	Leavenworth	98826
Parks Lewis & Clark Campus		12	397	15		26,651	Winlock	98956
Parks Lewis & Clark Trail				40		5,323	Dayton	99328
Parks Manchester Campus		7	13	10		46,948	Port Orchard	98353
Parks Maryhill		120	120	117		9,169	Goldendale	98620
Parks Millersylvania Campus		46	35	80		49,339	Olympia	98502
Parks Moran Campus			20	25		42,645	Eastsound	98245
Parks Mount Spokane Campus		18	18	19		56,646	Mead	99021
Parks Ocean City				89		13,339	Hoquiam	98550
Parks Olallie/Lower Crossing			36	62		2,742	Issaquah	98027
Parks Olmstead Place Campus		37				26,417	Ellensburg	98926
Parks Paradise Point				104		5,018	Ridgefield	98642

E.2 Campus Energy Use Intensity (EUI)

Campus Name	Site EUI (kBtu/ft ²)					Total Floor Space (Sq. Ft.)	City	Zip Code
	2009	2010	2011	2012	2013			
Parks Peace Arch		29	31	34		11,664	Blaine	98230
Parks Pearrygin Lake Campus		60	60	60		21,672	Winthrop	98862
Parks Penrose Point				32		6,354	Lake Bay	98349
Parks Potholes				73		9,346	Othello	99344
Parks Rainbow Falls		33				10,684	Chehalis	98532
Parks Rasar				82		9,121	Concrete	98237
Parks Riverside Campus			37			49,286	Spokane	99205
Parks Rockport				13		7,233	Rockport	98283
Parks Sacajawea				24		17,492	Pasco	99301
Parks Saint Edward Campus			55	61		107,809	Kenmore	98028
Parks Saltwater				15		12,853	Des Moines	98198
Parks Scenic Beach				41		11,719	Seabeck	98380
Parks Schafer				9		11,001	Elma	98541
Parks Seaquest		43	52	42		10,290	Castle Rock	98611
Parks Sequim Bay Campus			30	28		27,176	Sequim	98382
Parks South Whidbey				19		9,768	Freeland	98595
Parks Spencer Spit				16		6,267	Lopez Island	98261
Parks Steamboat Rock				77		18,968	Electric City	99123
Parks Sucia Island				12		6,762	Friday Harbor	98279
Parks Sun Lakes Campus			28	24		88,822	Coulee City	99115
Parks Twanoh				45		15,278	Union	98592
Parks Twenty-Five Mile Creek				18		12,322	Chelan	98816
Parks Twin Harbors				39		17,128	Westport	98595
Parks Wallace Falls				29		7,198	Gold Bar	98251
Parks Wenatchee Confluence				81		16,396	Wenatchee	98801
Parks Yakima Sportsman			69	66		9,565	East Selah	98901
PCC MAIN CAMPUS		32	42	57	52	212,051	Port Angeles	98362
RTC Campus	56	78				425,513	Renton	98056
SCCC CAMPUS			69	67	63	1,161,612	SEATTLE	98122
SPSCC Campus	61	69	72	68		479,661	Olympia	98512
UW Seattle Campus Central Plant Utilities	193	183	190	187	194	13,390,514	Seattle	98195
UW Tacoma Campus	102	103				556,458	Tacoma	98402

E.2 Campus Energy Use Intensity (EUI)

Campus Name	Site EUI (kBtu/ft ²)					Total Floor Space (Sq. Ft.)	City	Zip Code
	2009	2010	2011	2012	2013			
WSP 0000 D7 Marysville District HQ Campus	369					12,112	Marysville	98271
WSP D2 Fire Training Academy - CAMPUS	76					75,810	Northbend	98068
WSP D3 Grandview Detachment Office/Storage/Weigh Station -		73				4,573	Grandview	98930
WSP D8 State Patrol Academy - CAMPUS	106					62,606	Shelton	98584
WSU Pullman Balance of Campus			1856	1665		915,334	Pullman	99164
WVC NORTH CAMPUS		65				29,208	OMAK	98841