

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 (Now Dept. of Enterprise Services)**
- **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)**

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: [Click here to view:](#)

- **Corrections, Department of** *(WSU Extension Energy has benchmarked facilities and shared with DES. DES 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. DES 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.
- **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.

For more information contact:

Department of Enterprise Services
Energy Program
Donna K. Albert, PE, MCE, CEM, LEED-AP
Office Phone: (360) 407-9379
E-mail: donna.albert@des.wa.gov