

# Executive Order 12-06 Report

## ACHIEVING ENERGY EFFICIENCY IN STATE BUILDINGS

December 2016

<b>Agency Name:</b>	Department of Financial Institutions
<b>Agency Point of Contact:</b>	Nena Hanson
<b>Point of Contact Title:</b>	Facilities Manager
<b>Telephone Number:</b>	360-902-0502
<b>E-mail Address:</b>	Nena.hanson@dfi.wa.gov

**Describe benchmarking, metering, audits, and energy retrofits completed by the agency in 2012 through 2016 to meet the requirements of EO 12-06. What percentage of agency owned square footage has been audited (all systems) and all life-cycle cost effective measures installed, since 2012?**

**DFI continues to monitor energy usage and maintains a very low carbon footprint. Although the building is leased we work closely with the owners to update fixtures and appliance where possible. An LED retrofit project was performed in 2015 to remove all of the overhead florescent lights and replace them with energy saving LED bulbs. The estimated annual energy savings is 48,865 kWh. The total energy cost savings is estimated at \$5,056 annually. The overall project including materials, tax and labor was \$22,957 with return on investment in 4.6 years. This year we upgraded existing drinking fountains with new bottle, filling stations resulting in savings of over 19,456 plastic bottles that would have otherwise ended up in the landfills.**

**Describe benchmarking, metering, audits, and energy retrofits that the agency plans to implement in the next 5 years to meet the requirements of EO 12-06. What percentage of agency owned square footage will be audited (all systems) and all life-cycle cost effective measured installed, from 2012 – 2022?**

**DFI has met the 20% reduction in energy usage . Our current energy score is at 88. However, we will continue to find ways to reduce usage even further in 2017. DFI will work with building owner to conduct a feasibility study for replacing existing parking lot lights with energy efficient LED light.**

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**Describe how the agency used Energy Star Portfolio Manager benchmarking in lease negotiations for new or renewed leases in 2012 – 2016, and how benchmarking will be used in future leased negotiations:**

**DFI will use the information in the Energy Star Portfolio Manager during lease renewals in 2018.**

**Describe actions that will be taken in 2017 to save energy through operational changes and continuous monitoring using Portfolio Manager. Describe how you will engage occupants and staff to reduce energy use in the next 5 years:**

- 1. Increased use of Skype for Business for meetings and sharing documents reducing travel and printing.**
- 2. Increased usage of state motor pool car (which has above average fuel economy)**
- 3. Introduced Avanti market (which may reduce vehicle trips by employees to get food)**
- 4. Eliminating printed handouts for meetings to the extent possible.**
- 5. Increased teleworking**