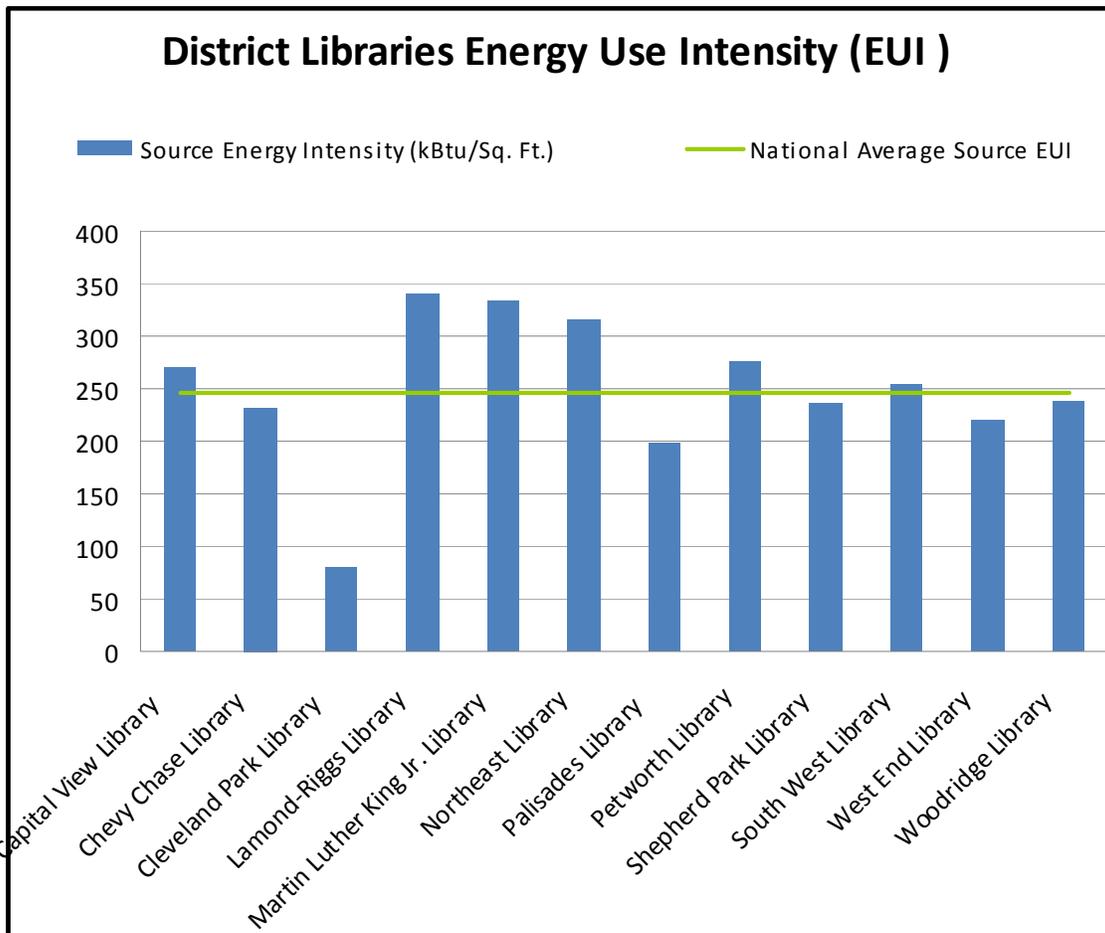


Libraries

Twelve libraries were benchmarked for FY 2009 using Portfolio Manager. Energy rating scores of 0 to 100 are not available for libraries, but Portfolio Manager provides Energy Use Intensity (EUI) data that captures average energy use intensity per square foot in kBtu/sq ft*. The EUI can be compared to a national average based on building type, size, and a limited number of other physical building characteristics.



Benchmarking results for FY 2009 show that the District's libraries perform at about the national average. The EUI average for libraries nationwide is 246 kBtu/sq ft. The average EUI for District libraries is 250 kBtu/sq ft. Cleveland Park Library shows the lowest EUI at 81 kBtu/sq ft. The highest EUIs are shown at Lamond-Riggs and Martin Luther King Jr. libraries, at 341 kBtu/sq ft and 334 kBtu/sq ft, respectively. Martin Luther King Jr. Library is the single highest user of energy among District libraries, accounting for about 75% of the District libraries' energy budget for FY 2009. At 400,000 square feet it is also the largest library facility in the District of Columbia. District staff plans to review energy data for Cleveland Park Library, as the library's building type and operating hours would not suggest such a low EUI.

District Library Facility	Weather Normalized, Source Energy Use Intensity (EUI) (kBtu/sq ft*)	Total Floor Space (sq ft)	Total GHG Emissions (MtCO2e)	Site Electric Use (kWh)	Site Natural Gas Use (therms)	Energy Cost US \$ (per sq ft)
Capital View Library	269	21,000	258	301,320	19,109	\$3.00
Chevy Chase Library	232	24,618	272	380,280	14,032	\$2.86
Cleveland Park Library	81	21,318	77	72,802	7,361	\$1.99
Lamond-Riggs Library	341	17,927	276	338,400	18,858	\$2.89
Martin Luther King Jr. Library	334	400,000	6,098	11,736,752	0	\$3.20
Northeast Library	316	13,900	206	292,160	10,119	\$3.08
Palisades Library	198	20,110	188	244,800	11,371	\$2.60
Petworth Library	276	19,304	250	347,040	13,052	\$2.89
Shepherd Park Library	236	19,000	207	345,120	5,191	\$2.53
South West Library	255	21,600	259	351,240	14,362	\$2.71
West End Library	220	20,700	211	338,960	6,522	\$2.72
Woodridge Library	238	20,812	248	268,480	20,244	\$3.20

In FY 2011, the District will conduct energy audits to help identify problem areas and opportunities for improvement in existing libraries. A significant portion of the District's library portfolio is undergoing major renovation and new construction projects are also underway. These projects will reflect new, more rigorous energy performance standards.

* kBtu/sf represents 1,000 British thermal units per square foot, and is a standard conversion measure for various types of energy such as electricity and natural gas that may need to be compared or considered together.