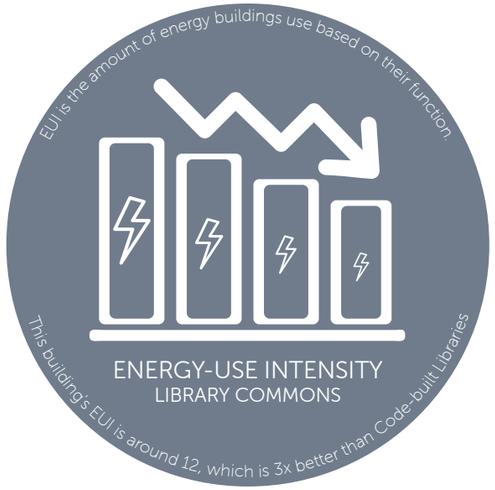
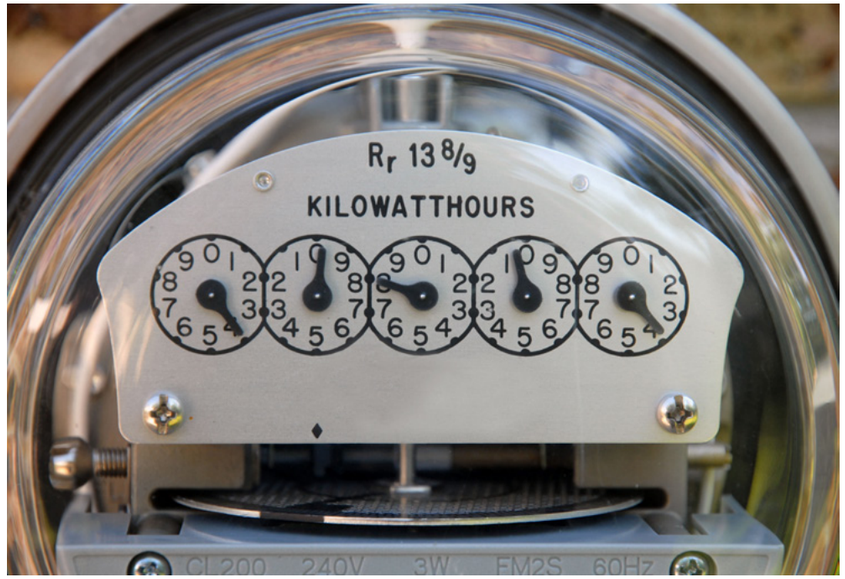


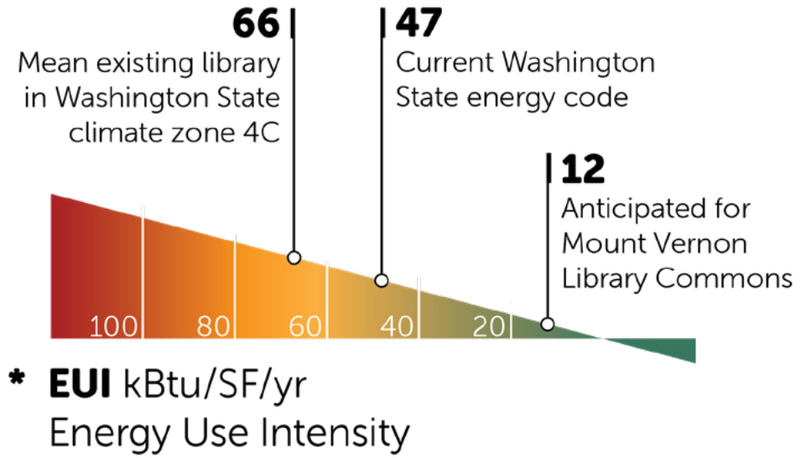
How do we know how well buildings perform with energy use? The standard measurement is called the Energy Use Intensity, or EUI, which is expressed as energy per square foot per year. It's calculated by dividing the total energy consumed by the building in one year (measured in kBtu or GJ) by the total gross floor area of the building (measured in square feet).

The MVLC is anticipated to be almost 4 times more efficient than the current Washington State Energy Code minimum requirements.



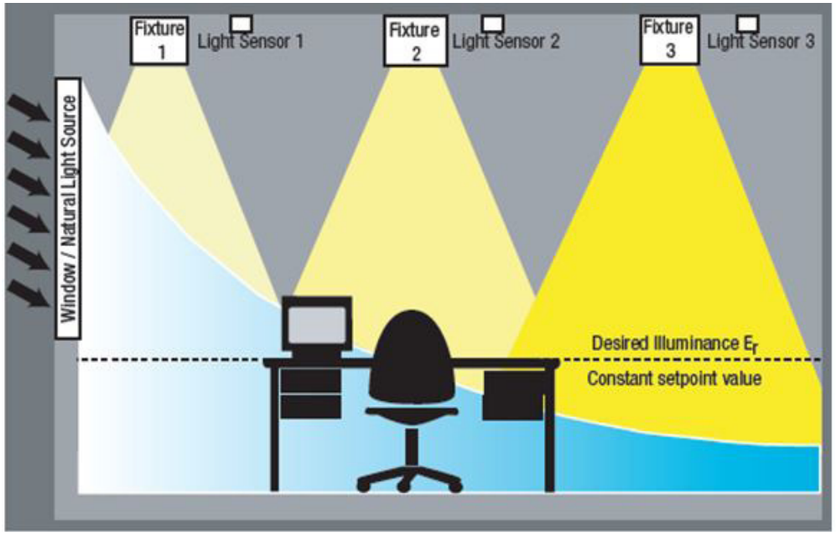
Energy Use Reduction Strategies

- Highly Insulated Building Envelope
- Tight Air Sealing to Prevent Leakage
- Heat Recovery on Building Ventilating System (DOAS)
- High-Efficiency Mechanical, Electrical, and Kitchen Equipment
- LED lighting
- Daylighting Controls for Lighting (reduces fixture light level based on natural light sensed by the fixture)
- On-site energy production (solar photovoltaic panels)



* **EUI** kBtu/SF/yr
Energy Use Intensity

Less than 1/5 the energy use of the mean existing library in Washington State climate zone 4C (66 EUI)



Daylight Controls for Light Fixtures