



Energy Efficiency in BOMA BEST Certified Buildings

Building Environmental Standards





Four Different Assessments



Building Environmental Standards





Four Levels of Certification

- BESt practices – minimum requirement
- BOMA BEST assessment score for higher levels
- **Third party verification**



Level 4 – BESt Practices, >90% on BB assessment



Level 3 – BESt Practices, 80-89% on BB assessment



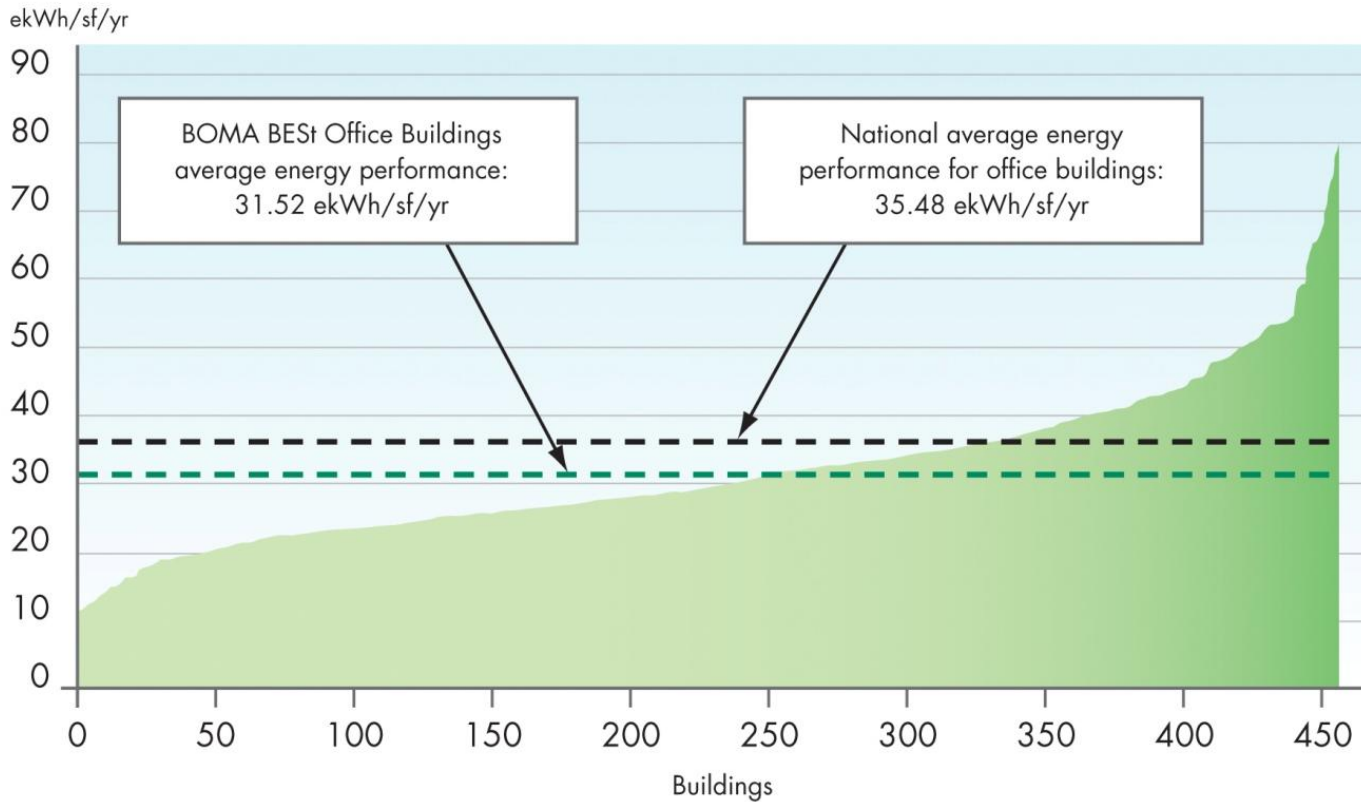
Level 2 – BESt Practices, 70-79% on BB assessment



Level 1 – BESt Practices

Energy consumption in certified buildings

Figure 10: ENERGY INTENSITIES OF BOMA BEST CERTIFIED OFFICE BUILDINGS





Level 4 certification - performance

- 20 buildings have BOMA BEST Level 4
- Energy performance is key for Level 4
 - Level 4 average – 19 ekWh/sf/yr
 - Level 3 average – 29 ekWh/sf/yr
 - Level 2 average – 33 ekWh/sf/yr



Level 4 – common factors

- Newer buildings, newer technologies, engaged management, trained operators
 - Triple glazed windows
 - Advanced BAS and flexibility
 - Efficient lighting
 - Training programs for staff
 - Commissioning principles
 - Tenant engagement