

People

DOUGLAS LIGHTING CONTROLS APPOINTS NEW SENIOR VP



John Lee

Douglas Lighting Controls, Inc., which engineers, manufactures and distributes lighting

Ads in this Issue

Armstrong
Autodesk
BC Mon
Benjamin Moore
Canadian Precast Concrete
Dinoflex Group
Eco Insulating Glass
Enbridge
Forbo
Holcim Forum
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Knauf Insulation
Murox
Nora
PPG Industries Coatings
Schneider Electric
Vicwest
Western Archrib
WRCLA

2010 BOMA BEST ENERGY AND ENVIRONMENTAL REPORT

INDUSTRY TRENDS AND BENCHMARKS EMERGE.

By Meirav Even-Har, Interim Manager, Environmental Initiatives, BOMA Canada.

For the second successive year the Building Owners and Managers Association of Canada [BOMA Canada] has published the 2010 BOMA BEST [Building Environmental Standards] Energy and Environmental Report - or BBEER - that provides data and analysis for 300 office buildings certified between June 2009 and July 2010, representing over 92 million square feet. The report presents industry trends to assist building managers benchmark their performance, and policy makers better understand achievements realized so far.

Data in the report is analyzed by region, sector [Public vs. Private], and building features [size and age].

So what does the 2010 BBEER reveal about industry performance? Mainly it shows a growing sophistication by the industry in its handling of energy, water, waste, emissions and effluents, indoor environment, and environmental management, but also in the qualitative social indicators such as increased communication with tenants, and reporting. Some highlights from the 2010 BBEER are:

ENERGY IN NUMBERS

- BOMA BEST office buildings average energy performance is 31.85 ekWh/sq.ft./yr, lower than the national average energy intensity for office buildings at 36.65 ekWh/sq.ft./yr. The average energy intensity for BOMA BEST level 4 buildings is only 22.6 ekWh/Sq.ft./yr.

- The overall average energy intensity by region is highest in the Atlantic region and lowest in Quebec.

WATER IN NUMBERS

- Overall average water consumption for BOMA BEST certified buildings is 0.98m³/m², compared to the higher national average for water consumption in commercial buildings of 2.03m³/m².

- The overall average water consumption by region is highest in BC at 1.04m³/m² followed by the remainder of regions at 0.9-1.0m³/m².

WASTE MANAGEMENT

42% of BOMA BEST certified buildings divert between 60-90% of their waste from landfill.

EMISSIONS & EFFLUENTS

Over three quarters of the top 25% of buildings in this section use only refrigerants that have low ozone-depleting and global warming potential.

INDOOR ENVIRONMENT

95-100% of BOMA BEST certified buildings have a contract with cleaning services that requires the use of environmental-preferable products.

ENVIRONMENTAL MANAGEMENT SYSTEMS:

99-100% of BOMA BEST certified buildings have a written environmental policy; and 95-100% of buildings have a written environmental procurement policy.

THE BIGGER PICTURE: WHY DOES ALL THIS MATTER TO OWNERS AND BUILDING MANAGERS?

The prevailing public interest in the environment translates into continued pressure on business - including buildings owners and managers - to invest time and resources to increase their environmental performance. Tenants are demanding it, institutional investors require it, and so the competitive landscape of the industry calls for a demonstration of environmental responsibility.

BOMA BEST is not only an industry-recognized performance-based building certification program, but it also provides a framework for environmental management and on-going improvement.

To download a free copy of the 2010 BBEER register at: www.bomabest.com.

ANSWERS FOR THE CEU QUIZ ON PAGE 43

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|---------|----------|------|------|----------|
| 1. True | 3. False | 5. B | 7. C | 9. False |
| 2. D | 4. False | 6. C | 8. C | 10. B |