

## A Grandeur View

The most energy-efficient office in Canada



**Owner:**  
Enermodal Engineering Ltd.

**Architect:**  
Robertson Simmons architects inc.

**Our Services:**

- LEED Consultant
- M/E Engineers
- Commissioning Agent
- Monitoring & Verification
- Green Building Education Program Development

Enermodal Engineering is Canada's largest green building consulting firm, and provides the full spectrum of sustainable building services, from LEED consulting through commissioning and green education services. Headquartered in Kitchener, Ontario, Enermodal aimed high during the design of their new, 2,150 m<sup>2</sup> office. The goal was to create a healthy work environment for its employees in a building that uses less energy than any other office in the country. Named A Grandeur View, Enermodal's new headquarters is a model of sustainability, and is set to become the first triple LEED Platinum office, aiming for certifications in the LEED for New Construction, Commercial Interiors, and Existing Buildings: Operations and Maintenance rating systems.

### Notable Features

- native species, pesticide-free landscaping
- 30 m<sup>3</sup> rainwater cistern for toilet flushing
- condensate recaptured from air conditioning process
- variable flow multi-split ventilation system with 60 small zones
- occupancy sensor controlled ventilation, lighting, and heating/cooling
- CO<sub>2</sub> -controlled ventilation in meeting room
- daylighting sensors
- 5.5 kW of rooftop PV-supplied power
- all occupants have views to the outdoors
- low-VOC paints, sealants, adhesives, millwork, and carpet
- a green housekeeping plan
- 2014 carbon neutral plan

#### LEED® Project Facts

Gross Floor Area:	2043 (m <sup>2</sup> )
Energy Density:	69 (kWh/m <sup>2</sup> )
Lighting Power Density:	8 (W/m <sup>2</sup> )
Category	% Performance
<b>Water Savings</b>	
Irrigation	100 %
Indoor Use	89 %
<b>Energy Savings</b>	
Waste Diversion	89 %
Salvaged Content	10 %
Recycled Content	25 %
Regional Content	40 %
FSC Wood Content	90 %
GREENGUARD Furniture	100 %
Daylighting	98 %
Views	99 %

LEED® Platinum



LEED NC, LEED CI, and  
LEED EBOM NC  
Platinum Candidate  
Completed 2009  
Kitchener, Ontario



**82%** Energy Savings



**89%** Indoor Water Savings



**25%** Raw Materials Savings

