

A Building for the Future . . .



An artist's rendition of what PowerStream's new 92,000 square foot energy efficient head office will look like once it is completed in 2007.

(Drawing courtesy of PowerStream)

PowerStream held an official ground breaking ceremony to kick off construction of their new head office facility on March 31st. The LDC's Board were on-hand for the initial sod turning. Standing left to right are Directors: Mario Ferri; Bernie DiVona; David Allison; Donald Cousens; Michael Di Biase; Peter Meffe (Chair); Brian Bentz (President and CEO); Frank Scarpitti (Vice Chair); Richard Ling; Joyce Frustaglio; and, Tony Carella. (Photo courtesy of PowerStream)



PowerStream has broken ground on a new head office facility which, when completed in 2007, will be one of the most energy-efficient buildings in Canada.

The new facility will be located on Cityview Boulevard in Vaughan, where an official sod turning ceremony was held at the end of March with 80 guests in attendance.

Consistent with the local electricity distribution company's commitment to help build a 'culture of conservation' in Ontario, the building has been designed with the intention of achieving a LEED® (Leadership in Energy and Environmental Design) gold standard rating. There are currently two gold-rated LEED buildings in Ontario according to the Canada Green Building Council.

PowerStream has engaged the services of Enermodal Engineering Limited, a sustainability consulting firm that comprise a staff of LEED® accredited professionals. Enermodal has worked on close to 100 projects that meet the requirements of the Government of Canada's Commercial Building Incentive Program (CBIP) and was involved in the design of one of Canada's most energy efficient facilities, the University of Ottawa's Biology Building.

The 92,000 square foot facility is being designed and built by Belrock Design Inc. in cooperation with the project coordinator, LNR Corporation. It will consist of energy efficient materials and be constructed using methods and procedures which adhere to LEED® guidelines. Materials being used in the interior construction of

the building are being selected to provide high standards for indoor air quality and will consist primarily of recycled materials.

A number of key design features will be incorporated in the construction of the building for consideration of a LEED® designation, including among others:

- ✓ A heat island effect in the roofing structure through the installation of an EnergyStar and high emissivity Sarnafil white roof;
- ✓ Use occupancy sensors for lighting and upgrades to window glazing and warm edge spacers;
- ✓ Upgrade to high efficiency condensing boiler for space heating and increased

PowerStream Breaks Ground on New Energy Efficient Head Office

fan efficiency to meet minimum requirements of CBIP;

- ✦ Installation of metering equipment for lighting systems, motors, drives, chillers, economizers, heat recovery systems, ventilation systems, boilers, process loads and water risers in order to develop a long term performance measurement and verification plan for ten basic building systems;
- ✦ Installation of high efficiency plumbing fixtures that will reduce potable water use by 20 to 30%;
- ✦ Use of an adjacent pond for landscape watering thereby reducing potable water consumption for irrigation by 100%.

“Our company’s vision statement speaks about being innovative and socially responsible,” said Peter Meffe, PowerStream Chair. “Building a new head office for PowerStream that is energy efficient and environmentally sound makes good business sense. Since we continue to deliver comprehensive conservation programs in our service territory and ask our customers to be powerWISE®, it is understandable that we need to strive for excellence in this area and set an example in all facets of our operation, including the design and construction of this building.”

LEED® is a rating system and certification program for new and major retrofits of commercial, institutional and high-rise residential buildings that was developed by the U.S. Green Building Council. The

Canada Green Building Council is responsible for establishing LEED® Canada, the Canadian version of this building rating system, and is the license holder for the exclusive administration and implementation of LEED® in Canada.

PowerStream Inc. provides service to more than 220,000 residential and business customers in the municipalities of Aurora, Markham, Richmond Hill and Vaughan. It is an incorporated entity, jointly owned by the City of Vaughan and the Town of Markham.

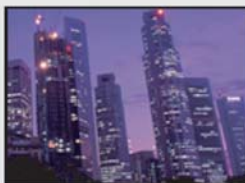
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