

Vancouver International Airport (YVR) has been a model of sustainable design and practice for over 18 years. YVR is located in one of the most beautiful landscapes in the world that naturally inspires a love for Land, Sea, and Sky. We work hard to reduce the environmental impact of our airport facilities and operations. As you walk through the terminal, look out for some of these sustainable features that contribute to YVR being an award-winning airport.

Canada Line rapid transit



- The Vancouver Airport Authority partnered with federal, provincial, and municipal governments to build the Canada Line, Vancouver's newest rapid transit rail link connecting YVR to downtown Vancouver in 25 minutes and to downtown Richmond in 18 minutes. It's a fast and easy way to get to the city centers. Approximately 15% of passengers and 15% of employees use the Canada Line to get to and from YVR.

Green Wall, YVR-Airport Canada Line Station, North Wall



- Seen on the walk from YVR-Airport Canada Line station to the international terminal, the Green Wall is the largest living wall in North America, measuring 17 metres high and 11 metres wide. With more than 27,000 individual plants, the wall is a giant living tapestry that connects YVR-Airport Station to Chester Johnson Park below.

Solar Hot Water Heating, domestic and international terminal roofs



- Vancouver International Airport has had solar hot water heating systems in use since 2003. These specialized panels and tubes, on the roofs of both the domestic and international terminal buildings, heat more than 800-gallons of water every hour, resulting in energy savings of \$110,000 each year.
- Solar panels for the domestic terminal can be seen on the roof at the back of the Public Observation Area.

Walkways and Escalators, throughout the terminals



- YVR is equipped with moving walkways and escalators that power down when they are not in use. Motion-activated sensors at the entrance of the escalators and walkways detect when there is a prolonged period of inactivity and reduce the speed almost to a stop. This simple tactic goes a long way in conserving energy while also increasing the lifetime of the machinery by reducing wear and tear.

Energy Efficient Lighting



- Look up at the lights. Even the lighting is designed to reflect our West Coast theme. Some lights are arranged in a haphazard way to reflect logs in the water, as seen along the coast of British Columbia.
 - Skylights and windows are designed to supply as much light as possible to terminals and office areas. Where electrical lighting is required, energy efficient technologies, such as compact fluorescent and LED bulbs, are used.
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Recycling at YVR



- Throughout the airport, wherever there is a garbage container for passengers, there is a recycling option. Over 450 combined recycling/waste containers are available at YVR. These containers contribute to the recycling of over 3,200,000kg of paper, metals, and plastics every year, the equivalent weight of seven Boeing 747 aircraft.
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Low-Flow Faucets and Flushes



- Another energy saver, all public washroom toilets and faucets at YVR are solar powered. The ceiling lights in the washrooms power the solar units, just like a calculator. The toilets have a dual flush feature that uses an invisible light beam to sense the length of time a user is present, and uses a reduced flush to reduce water volume by 30%. These features save at least 100,000 cubic meters of water each year.
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The First Wind & Solar Powered Street Light



- As you approach the airport by train or by car, you may notice this hybrid wind and photo-voltaic panel lighting standard. It is the first to be installed at a Canadian airport (2009). This self-sustaining light system is completely off the grid – energy generated from the wind and sun is stored in a battery pack and is used to illuminate Grant McConachie Way and the Canada Line.
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Bike Paths on Sea Island



- Sea Island is Vancouver International Airport's home. It is a popular destination for cyclists, particularly on the north side of the island to Iona Beach. YVR continues to improve on bike paths to ensure a safe and enjoyable ride for commuters and recreational cyclists alike.
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