



CORIX[®]

PROJECT PROFILE

Dockside Green

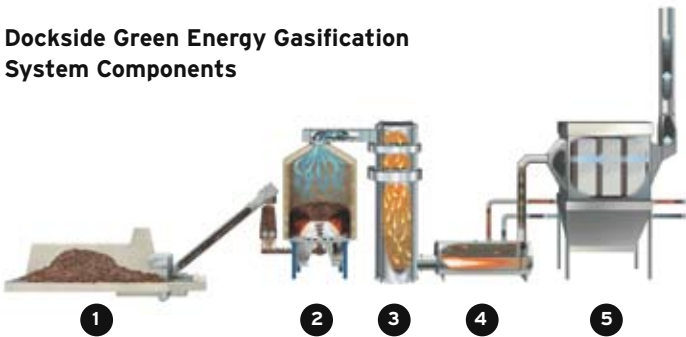
Creating North America's most sustainable community.

CORIX is proud to be part of the Dockside Green development, providing a suite of sustainable multi-utility services and solutions for one of the most anticipated communities in North America.

Introducing Dockside Green

Dockside Green is a unique, sustainable community for approximately 2,500 residents currently under development near Victoria Harbour on Vancouver Island. It is North America's first community to target Leadership in Energy and Environment Design's (LEED) Platinum status - the highest green standard achievable. Dockside Green is predominantly self-sufficient, using innovative utility systems designed to use waste from one system to fuel other systems. The small environmental footprint will be the hallmark of this community and a badge of honour for its residents.

Dockside Green Energy Gasification System Components



1. Fuel In-Feed: Locally sourced wood waste (including recycled clean wood construction and municipal tree trimmings) is loaded into the fuel bin and conveyed to a metering bin near the gasifier.

2. Gasifier: Fuel enters the gasifier and goes through several stages including drying, pyrolysis (chemical change brought about by heat), and gasification. The wood is converted into synthetic "syngas" that can be used like natural gas.

3. Oxidizer: The syngas is conveyed into the oxidizer where it is combusted, with the resulting flue gas directed through a boiler.

4. Boiler: Hot water from the boiler is transported by an underground pipe to provide heat and hot water for Dockside buildings. The cold water then returns to the boiler to start the heating process again.

5. ESP: After exiting the boiler, the flue gas is cleaned in an electrocatalytic precipitator (ESP) that filters out virtually all of the remaining particulate matter.

Building a World of Sustainable Communities

Canada 1.866.575.3330

United States 1.877.678.3842



Innovative, renewable energy solutions for domestic heat and hot water

Dockside Green will be entirely greenhouse gas neutral due to the innovative design of the district energy system. This system uses hydronic (water) energy fuelled by locally-sourced, renewable wood waste to heat homes and for domestic hot water. CORIX is an owner and manages this district energy utility through Dockside Green Energy.

New approaches to water conservation and recycling

CORIX operates a state-of-the-art wastewater facility that is located directly within the Dockside Green community. This system conserves water by combining reclaimed treated water with rainwater to service toilets, rooftop gardens and the community's landscaping features. Additionally, the wastewater treatment plant is designed to incorporate a heat recovery system to provide supplemental energy for the district energy system as the community grows in the future.

Unparalleled expertise

CORIX brings over 70 years of experience in developing and operating sustainable water, wastewater and energy solutions. We are committed to superior customer care through our service driven programs. The expertise, innovation and capabilities we bring to the unique Dockside Green will ensure the community remains a benchmark of sustainability for years to come.

Creating solutions, building partnerships

Our clients and partners choose CORIX for our proven leadership in providing comprehensive, multi-utility solutions. Strong financial and corporate foundations through our principal owners, CAI Capital Management and British Columbia Investment Management Corporation - both important and highly visible members of the investment community, enables CORIX to become fully invested, long-term partners to clients, allowing them the further freedom to reallocate their own capital investment programs.

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CORIX Utilities