



Corporate Sustainability Fact Sheet

Environmental Policy

It is the policy of the Jamestown Container Companies to conduct its operations in a manner that is environmentally responsible and befitting a good corporate neighbor and citizen.

In accordance with this policy, Jamestown Container manages all phases of its business in a manner that minimizes any negative impact on the environment.

To further this policy, the Jamestown Container Companies are committed to the following principles:

- Jamestown Container shall operate its facilities in compliance with all applicable environmental, health and safety laws and regulations, in a way that is protective of the health and safety of its employees and the surrounding communities and environment.
- Jamestown Container shall strive to be an environmental leader in the corrugated industry, by minimizing waste through reducing, reusing and recycling and by promoting sustainability efforts throughout the company.
- Jamestown Container shall promote a workplace in which all employees are properly trained and educated to comply with company environmental, health and safety programs and procedures.
- Jamestown Container shall work with its customers in ascertaining and meeting their environmental needs and goals consistent with Jamestown Container's environmental policy and sustainability programs.
- Jamestown Container shall review this policy on a regular basis and shall establish goals for continuous improvement in the environmental, health and safety arena.

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Renewable Product:

Corrugated Packaging has always used a completely renewable resource for its raw materials.

96% of all corrugated boxes are made with material supplied by certified fiber sourcing programs such as Sustainable Forestry Initiative® (SFI), Forest Stewardship Council (FSC), and American Tree Farm System (ATFS). This is what makes corrugated fiber-based packaging the Sustainable Choice.

Renewable Energy:

Jamestown Container Companies operates six facilities throughout New York and Ohio. Four of these facilities are corrugated converting plants specializing in manufacturing custom packaging products. They are located in Rochester, NY; Falconer, NY; Cattaraugus, NY; and Macedonia, OH. The fifth facility, located in Buffalo, NY, focuses on contract packaging and the distribution of packaging supplies. The sixth facility produces custom foam packaging and is located in Lyons, NY.

All of our manufacturing equipment throughout our organization operates on electric power. The energy sources for each facility are as follows:

Macedonia, OH Facility			
FirstEnergy Corporation – Ohio Edison d.b.a. IGS Energy (2016)			
Percentage	Energy Source	Percentage	Energy Source
36.7	Nuclear	0.06	Oil- Residual Fuel Oil
27.92	Coal – Bituminous & Anthracite	0.04	Wood – Black Liquor
25.22	Gas – Natural Gas	0.04	Oil – Distillate Fuel Oil
3.66	Coal – Sub-Bituminous	0.04	Gas – Other
2.3	Wind	0.03	Fuel Cell – Non-Renewable
1.44	Coal – Waste/Other	0.03	Captured Methane – Coal Mine Gas
1.21	Hydro – Conventional	0.01	Solid Waste – Tire Derived Fuel
0.55	Solid Waste – Municipal Solid Waste	< 0.01	Other
0.3	Captured Methane – Landfill Gas	< 0.01	Gas – Propane
0.2	Wood – Wood/Wood Waste Solid	< 0.01	Oil – Jet Fuel
0.12	Oil – Petroleum Coke	< 0.01	Biomass – Other Biomass Gasses
0.1	Solar – Photovoltaic		
Renewable Energy Clean Energy			

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Falconer, NY Facility		Rochester, NY Facility	
Jamestown Board of Public Utilities (BPU) (2015)		New York State Electric & Gas d.b.a. Rochester Gas & Electric (2015)	
Percentage	Energy Source	Percentage	Energy Source
87	Hydropower	36	Natural Gas
13	Natural Gas	32	Nuclear
		19	Hydro
		6	Wind
		3	Coal
		1	Oil
		< 1	Biomass
		< 1	Renewable Biogas
		< 1	Solar
		< 1	Solid Waste
Buffalo, NY Facility		Lyons, NY Facility	
New York State Electric & Gas d.b.a. National Grid (2015)			
Percentage	Energy Source		
35	Gas		
31	Nuclear		
21	Hydro		
6	Wind		
3	Coal		
< 1	Solid Waste		
< 1	Biomass		
< 1	Oil		
< 1	Renewable Biogas		
< 1	Solar		
Renewable Energy	Clean Energy		

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Recycled Content:

Over 73% of all corrugated manufactured by [Jamestown Container](#) contains at least 75% recycled fiber, 75% post-consumer waste, with over 58% of all corrugated containing at least 80% recycled fiber. Our primary corrugated sheet supplier, [Niagara Sheets](#), obtains the vast majority of their paper from our [Greenpac Mill](#) and WestRock's Solvay Mill. Both state-of-the-art mills only manufacture 100% recycled linerboard from OCC (old corrugated containers).

Conversely, a small percentage of our corrugated products will contain less than 75% recycled fiber, with some unique board grades as low as 8.72% recycled content.

Recent Article in Board Converting News:

Greenpac, Covanta Recognized With BIG Sustainability Award

Covanta, a world leader in sustainable waste and energy solutions, has been named a winner of the Business Intelligence Group (BIG) 2020 Sustainability Awards in the Service of the Year category for its innovative circular economy partnership with Greenpac Mill LLC in Niagara Falls.

According to a press release, "The partnership between the Covanta Niagara Waste-to-Energy facility and Greenpac Mill, a manufacturer of lightweight linerboard, provides a trailblazing example of the benefits of sustainable collaboration that advances the practical usage of recyclable products, eliminates the consumption of fossil fuels and manages residual waste responsibly.

"Considered the most advanced and largest facility of its kind in North America, Greenpac Mill manufactures a lightweight linerboard made with 100 percent recycled fibers. The linerboard is produced with significantly less water and less fiber than similar strength paper, making Greenpac Mill's product one of the strongest fully recycled linerboard in North America.

"The partnership has enabled Greenpac Mill to operate without the use of fossil fuels. In their place, Greenpac Mill is able to use the steam generated by Covanta's Niagara Falls facility from municipal solid waste (MSW), a reliable and renewable source of energy, for a majority of its energy needs. Covanta converts the mill's recycling by-products into electricity, which is distributed to six other companies along the steam loop as inputs into their own production processes. It is in this way that waste from one company literally becomes fuel for another, with energy as an output to power the entire community. In leveraging the waste-to-energy process for sustainable materials management, all companies in the steam loop are helping to mitigate greenhouse gas emissions by diverting waste from landfills, thus avoiding the potent methane emissions they emit.

"This circular economy example has proven a recipe for success, resulting in the diversion of more than 17,000 tons of waste per year from landfill, while helping to produce more than 21,000 megawatt hours of renewable energy for the Niagara Region."

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"From day one, the Greenpac Mill set out with the goal of having an enhanced green presence in Niagara Falls," said Murray Hewitt General Manager at Greenpac Mill LLC. "Through our partnership with Covanta, Greenpac Mill is positioned to achieve this goal and is well on its way to achieving zero-waste-to-landfill in the near future."

Greenpac Mill is a state-of-the-art recycled lightweight Linerboard mill producing 540,000 short tons per year. It is a partnership of Cascades Inc., Jamestown Container and several community partners. The mill is managed by Cascades Containerboard Packaging, a division of Cascades Inc.

Visit www.cascades.com for more information.

www.boardconvertingnews.com

SFI & FSC

All our paper suppliers are certified to either the Sustainable Forestry Initiative (SFI) and/or the Forest Stewardship Council (FSC).

Recovery:

Jamestown Container recovers approximately 95% of the post-industrial corrugated waste generated during the manufacturing process. This waste is baled and returned to paper mills for recycling.

Corrugated is the most recycled packaging material: 96% of corrugated produced in 2018 was recovered for recycling and almost all of that material was used to make new products.

Learn more at www.corrugated.org



Additionally,

- The Jamestown Container's maintenance team ensures that all new motor or drive units that are replaced are replaced with high efficiency replacements.
- All of Jamestown Container's powered forklift trucks are all-electric non-polluting. Likewise, all of our manufacturing equipment has always been electricity driven.



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