

Thinking of the future with Sustainable Processes that promote responsible manufacturing

Wright Process Systems is particularly aware of the environmental footprint of industrial processes, and we pride ourselves on finding ways to reduce the impact of a project through creative and conscientious engineering. We draw on our expertise from multiple industries, as well as our engineers' individual backgrounds in optimizing systems, to help design or retool processes for smaller, more manageable resource consumption.

Wright Process Systems: Your sustainable process partners

Features of our sustainable processes include:

- Water reduction and reuse designs and retrofits
- Electrical efficiency improvements to cut total loads
- Compressed air distribution balancing, non-peak damage generation to storage, and leak repairs
- Steam energy economizing, condensate recovery, and thermal regeneration
- System total energy curve plotting for Best Efficiency Point analysis
- Waste water recovery and treatment systems
- Multi-use and recovery clean-in-place systems
- High efficiency motor replacement
- Utility metering systems for waste reduction
- Sourcing used equipment, and divesting obsolete equipment into secondary markets
- Low-NOx water heaters and boilers
- Thermal process review and improvement
- Process by-product recovery and reuse
- Company standards for sustainable construction:
 - » Sanitary designs to minimize washdown water
 - » Process designs for Best Efficiency Points
 - » Control designs to optimize system energy
 - » Mechanical designs to reduce maintenance
 - » Utility design to reduce consumption
 - » Operational design to reduce labor input

WRIGHT
Process Systems

Engineering • Installation • Service



Sustainability as a manufacturing culture

Wright Process can provide insight towards achieving business sustainability. For example, constructing new plants in utility-sharing complexes, selecting packaging technologies that reduce raw materials, partnering with third-parties to purchase plant waste as an input for their business, sourcing components made of recycled or replaceable materials, and more.

Wright Process Systems is your partner in process system success

Visit wrightps.com to learn more about The Wright Advantage, our collaborative, customer-service-centric workflow. For examples of our energy-efficient systems in action, go to wrightps.com/gallery.



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