

Organization

Health Systems Cooperative Laundries is a cooperative association that processes linen from 31 hospitals and 600 clinics in the Minneapolis-St. Paul metropolitan area.

Intern Project

Investigate water, gas, and electricity balances to determine more efficient uses of resources, without sacrificing product quality.

Incentives to Change

Efficient use of water, gas, and electricity reduces cost of operation and allows for investment in future endeavors. Increased process efficiency accompanies resource conservation which allows for increased throughput.



Health Systems Cooperative Laundries, St. Paul Josiah Budiman

Chemical Engineering, University of Minnesota Brent Vizanko, MnTAP Advisor

Solutions

Fix Air Leaks and Steam Traps

Seal any steam traps and air leaks in the plant's many finishing machines to reduce water used to create steam as well as electricity.

Decrease Dryer Times

Reduce gas and electricity use by decreasing unnecessarily long dry times without sacrificing product quality.

Slow Motor Speed

Decrease electricity use by slowing unnecessarily fast finishing machines that operators cannot keep up with.

Reduce Air Compressor pressure This will reduce artificial supply of air as well as electricity use.

