

STEAM

SYSTEM IMPROVEMENTS CAN REDUCE THE ENERGY COSTS OF A TYPICAL INDUSTRIAL STEAM SYSTEM.

- Minimize excess combustion air
- Clean boiler heat transfer surfaces
- Repair any leaks
- Minimize vented steam
- Ensure components are well insulated
- Isolate steam from unused lines
- Optimize condensate recovery
- Begin or continue a deliberate steam trap maintenance program

Incremental dollars saved from electrical generation

Steam Pressure (lbs/in ²)		Incremental Steam Flow (1000's of lbs/hr)		
		10	50	75
Turbine Inlet	600	Electrical energy priced @ \$54/MWh		
HP Extraction	160	\$16,647	\$83,234	\$124,851
LP Extraction	60	\$32,789	\$163,946	\$245,919

TOGETHER WE CAN REDUCE
OPERATING AND MAINTENANCE COSTS,
**MINIMIZE WASTE, AND
ENHANCE PRODUCTION.**

Find out how Power Smart can energize your bottom line. Visit bchydro.com/awareness.

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