

# Going green

keeps the white

from putting you in the red.

Let **Torrent Engineering & Equipment** show you how to cut energy costs, extend equipment life and increase efficiency with quality products customized to your unique situation.

## Automated Control Systems

TorrentLogic software is the most advanced pump control software ever developed for the automatic operation of high horsepower, high pressure snowmaking pumps. By automatically sequencing the pumps to the actual water demand you can rest assured that pumps are running only when needed, which dramatically cuts energy and labor costs while extending the life of your investment.

## Variable Frequency Drives

By varying the speed of one or more pumps, output pressure can easily be controlled without the use of control valves. When combined with effective automation, power savings can reach as high as 35%. Because VFD control greatly simplifies the system mechanical design, a much smaller, less costly physical space is needed. By eliminating control valves you eliminate tremendous friction and noise which reduces maintenance cost and increases safety not to mention keeping the neighbors happy.

## Soft Starters

A motor soft starter is a device used with AC electric motors to temporarily reduce the load and torque in the powertrain of the motor during startup. This reduces the motor and shaft mechanical stresses, the electrodynamic stresses on attached power cables and electrical distribution network, and extends the system lifespan.

## Prefabricated Package Systems

Torrent Engineering and Equipment is the world wide leader in the prefabrication of large vertical turbine pump stations. By matching and assembling the components in our facility we greatly reduce construction site time and impact while providing a single source of supply and post project support. This also greatly reduces the overall time required to design and build the system. Time saved is money saved!



Isn't it time to put your trust in Torrent?

 **TORRENT** Engineering & Equipment

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