



WaterFurnace Renewable Energy, Inc.

GREEN INITIATIVES

WaterFurnace Renewable Energy, Inc. is known in the investment community as a “green” investment. The company receives periodic requests for disclosure of its environmental impact and practices. The following is a brief summary of what the company does to reduce its carbon footprint and create a positive environmental impact.

Administrative

- The company is engaged in the business of building and promoting the most environmentally friendly heating and cooling system available in the world today
- Every day WaterFurnace works with institutional, commercial, and residential building owners to design systems that will help save the environment
- The company has an enterprise wide program to "Cut-Out-Waste" (COW). Quarterly meetings are held to reward employees for ideas that have been implemented that Cut Out Waste. To date, implemented ideas have saved the company over \$2.25 million
- The company has a paperless initiative across all office areas to eliminate the use of paper wherever possible
- The company helps employees install geothermal heating and cooling units in their homes
- This program so far has had the environmental impact of taking 150 cars off the road permanently, or planting 300 acres of trees
- The company is a member and hosts the North East Indiana Green Build Coalition. WaterFurnace is actively involved in any Green Build initiatives throughout Indiana and take part in Green Build shows and conventions across North America
- WaterFurnace employees are active members of the Geothermal Heat Pump Consortium (GHPC) and the International Ground Source Heat Pump Association (IGSHPA). The company's President is the Chairman of the Board of the GHPC
- The company has a policy of helping charitable organizations by providing geothermal systems to them at half price. WaterFurnace is also active with Habitat for Humanity
- WaterFurnace regularly recycles office waste paper and aluminum cans
- The company has installed ultra-low flow aerators on all of its restroom faucets to conserve water
- The company has converted its office lighting to high efficiency T-8 fluorescent lighting fixtures with electronic ballasts
- The company has also converted all incandescent light bulbs to compact fluorescent lighting

Engineering

- Utilize the highest efficiency motors, compressors, air coils, and coaxes
- Engineering tests each new component to determine if it exceeds current standards. (Improved product performance reduces green house gas emissions – CO₂ from power plants.)
- All major components in WaterFurnace products have a component of recycled materials
- The company makes every effort to use components manufactured from recycled materials, as long as it does not reduce the performance or life expectancy of the product
- All major components in WaterFurnace products can be recycled when the product comes to the end of its useful life
- The company does not approve the use of mercury in any thermostats because of its negative environmental impact
- Focus on using environmentally friendly R-410A refrigerant in all new major product development programs
- Paperless initiative throughout all office areas

Production

- Installed all high-efficiency fluorescent lighting in the plant - saves 50% on electrical consumption for lighting
- WaterFurnace uses geothermal heating and cooling equipment to heat, cool and provide hot water for the office and manufacturing facility - the environmental equivalent of taking 140 cars off the road permanently or planting 280 acres of trees
- Manufacturing uses natural gas in the brazing process for lower emissions compared to alternative gasses
- Manufacturing utilizes regrinds on plastic products to save energy and landfill space
- Prevent discharge of refrigerant during charging or recovery process
- Recycle all scrap cardboard - several semi loads a month
- Recycle all scrap metal through a scrap dealer
- Used refrigerant sent to DuPont for recycling
- Recycle old wood pallets

Purchasing

- Use recycled packaging materials (Corrugated material in cardboard packaging is 100% recycled material and the card stock is 30%-60% recycled material.)
- Eliminated non-returnable shipping containers
- Recycle batteries to protect the environment