



Renewable Energy All Together. Better.

Virginia's New River Valley has developed a strong cluster for renewable energy innovation. Whether operating a hydroelectric dam on the New River or designing the next alternative energy device, the New River Valley offers an attractive business climate for the renewable energy industry, including a world-class research university, low electric rates, excellent location, and a readily available, highly skilled workforce.

Renewable Energy Companies in the New River Valley:

- JAS Energy (Blacksburg, VA) – Conducts research on sustainable energy technologies. www.jasenergy.com
- VPT Energy (Blacksburg, VA) – Develops plug-in hybrid electric vehicles and vehicle-to-grid applications. www.vpt-es.com
- Miserware (Blacksburg, VA) – Makes software that makes servers and PCs more energy efficient without compromising productivity to ensure systems are less costly to operate and always available. www.miserware.com
- Appalachian Power (Christiansburg and Pulaski, VA) – A division of American Electric Power which is one of the largest utilities in the United States. www.appalachianpower.com
- Morning Star Corporation (Blacksburg, VA) – Develops solar controllers and inverters. www.morningstarcorp.com
- Green kW Energy (Blacksburg, VA) – Designs, builds, and installs biogas to electricity systems. www.gkwenergy.com



Hydro Electric Dam at Claytor Lake



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Support Services:

- Center for Power Electronics Sustainable Building Design Initiative: <http://www.cpes.vt.edu/public/news/2009/2009-06-24.php>
- Center for Power Electronics Renewable Energy Systems: <http://www.cpes.vt.edu/areas/Renewable+Energy+Systems>
- Virginia Energy Patterns and Trends: <http://www.energy.vt.edu/vept/index.asp>
- Virginia Tech Center for Coal and Energy Research: <http://www.energy.vt.edu/>
- Virginia Tech Center for Power Electronic Systems: <http://www.cpes.vt.edu/>
- Virginia Tech Energy Systems and Fuel Cells: http://www.eng.vt.edu/research/pdf/energy_systems_fly_sheet_9-04.pdf
- New River Community College Alternative Energy Systems Program: <http://www2.nr.edu/news/more.asp?ID=312>
- New River Community College Instrumentation and Control Automation: <http://www.nr.edu/instrumentation/>

Research Sponsors include (but are not limited to):

US Dept. of Energy, National Institute of Standards and Technology, NASA, Lennox Ingersoll-Rand, NSF, Air Force Office of Scientific Research, United Technologies, Luna Innovations, Thaeocomp Technical Corp., Electric Power Research Institute, General Electric, ABB, BWX Technologies, DOD, Northrop Grumman, Ballard, Delphi, Tatung, Turbocor, Texas Instruments, Hitachi, Matsushita, Delta Electronics, Inc., National Semiconductors, Rolls Royce, Boeing, etc.

Regional and Location Information

- + Extremely low cost of doing business (utilities, taxes, etc.)
- + Area of outstanding beauty, recreation, sports, culture, and education
- + Available, well-trained workforce with an outstanding work ethic
- + Home of Virginia Tech, Radford University, and New River Community College
- + Located on Virginia's I-81 Corridor and close to I-77 and I-64 with N,S,E,W rail lines
- + Home of the Virginia TradePort (Port of Entry #1412 and FTZ #238)



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