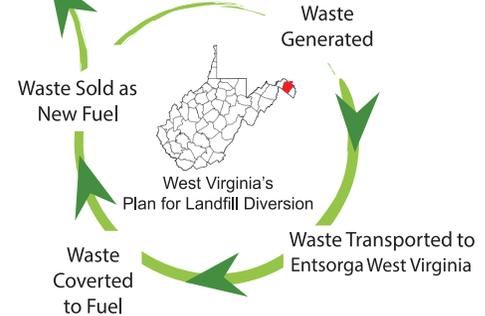


# ENTSORGA West Virginia

## Waste-to-Solid Fuel Plant

- First resource recovery facility to utilize mechanical biological treatment in the United States
- Located in Martinsburg, West Virginia
- Converts MSW into solid engineered fuel used in conjunction with coal
- Accept up to 120,000 tons per year of Municipal Solid Waste (MSW) otherwise destined for landfills
- Creation of @ 100 temporary jobs during construction and up to 20 permanent positions once operational
- Projected to open early 2017



### This MBT facility will:

- Receive residential waste from Berkeley, Morgan, Jefferson, and Hampshire counties
- Convert the waste into Solid Recovered Fuel (SRF)
- Reduce greenhouse gas emissions
- Reduce dependency on fossil fuels
- Minimize West Virginia's landfill dependency
- Preserve West Virginia's land for other uses
- Increase recycling rates

ENTSORGA  
Italia

CAVW  
APPLE VALLEY WASTE

CHEMTEX

With the vision and cooperation of the Berkeley County Council and the Berkeley County Solid Waste Authority, Entsorga West Virginia introduces a “clean” technology solution which will change the future of waste disposal in West Virginia.



Hills Northacre Resource Recovery Centre, Wiltshire, UK

*“With the support of Berkeley County and the State of WV, we will set an example for the future of waste management in the US, where MSW can be collected, disposed of, and converted into clean alternative fuel utilized to reduce greenhouse gasses, all within one county of West Virginia”. ... Apple Valley Waste Services, Inc.*

For more information please contact Emily Dyson at [edyson@entsorgawv.com](mailto:edyson@entsorgawv.com) or visit [www.entsorgawv.com](http://www.entsorgawv.com)

### **How does it work?**

A combination of Mechanical & Biological processes will be deployed with an emphasis on reducing the organic fraction of waste. This will be accomplished by utilizing a proprietary system of air blower devices that will continually circulate air through the waste, accelerating its natural decomposition and removing its moisture. After 8-14 days the waste will be moved to a refinement area where recyclables will be removed, it will be sized accordingly, and ultimately delivered as an EPA recognized fuel source to various facilities such as cement kilns. Nothing is ever burned or ignited at the plant.

### **Will it smell?**

No. The facility is fully enclosed and kept under negative pressure so odors can be contained and in fact, even removed. The air is collected and circulated through a large bio-filter made of peat moss which further eliminates any potential odors.

### **Will the project support recycling?**

Yes, the process is designed to recover, for recycling, ferrous and non-ferrous metals.

### **Will the project create jobs?**

Yes. Construction of the facility is expected to create approximately 100 temporary jobs and once open and fully operational, will create as many as 20 skilled full-time positions.