

Covanta Energy Guided Facility Tour Checklist (Adult¹)

BEFORE YOU ARRIVE:

Please dress properly for your Covanta Energy facility tour. On the day of your tour, please wear:

- ☐ Long sleeves (can be a shirt, blouse or a jacket)
- ☐ Long, ankle length pants and socks
- ☐ Flat heel shoes or work boots



Do not wear the following on a tour: sandals, open toe, high-heel, or stiletto footwear. All visitors will be required to wear protective glasses, a hard hat and hearing protection provided by the facility.

Note: Although many areas on our tour route can be accessed using elevators, if you or someone in your party has special needs please call the facility in advance of your tour for further information.

AFTER YOU ARRIVE:

After you arrive at one of our facilities, please make sure your tour guide provides the following safety gear and instruction before you begin your guided tour:

- ☐ Hard hat
- ☐ Protective glasses
- ☐ Reflective vest
- ☐ Ear protection
- ☐ Visitor tour video and safety briefing

You must be able to check ALL of the above boxes to begin your guided tour. Covanta Energy facilities are industrial facilities and it is important to stay with your tour guide at all times. Never wander away on your own. Always be safe and enjoy your tour.

¹These are Covanta's requirements for tours on the tour route. Any deviation off tour route for longer than 30 minutes requires advanced personal protective equipment (PPE) and other requirements that should be discussed in advance with your Covanta contact.

Covanta Union Visitor's Agreement

Welcome to Covanta! In order for Covanta to allow access to the Facility all visitors are subject to the following:

1. Visitors are required to sign the visitor's register. No visitor will be allowed to enter the Facility building or premises (other than administrative offices) unless escorted by a Covanta Representative.
2. All visitors must follow the direction given by Facility personnel and observe Facility rules and regulations.
3. In addition to assure your personal safety all visitors are required to wear a hard hat, safety glasses, hearing protection and durable shoes (no high heels or heels that will cause slipping/falling over the various walking/working surfaces). Long pants and long sleeved shirts are also required. No one will be permitted off the tour route unless in compliance with additional policies specified in the Contractor and Visitors Handout (a separate document).
4. Photography or video is strictly prohibited unless prior approval is received from the Covanta representative serving as your escort. If photography or videos are allowed, visitors agree to provide Covanta with copies upon request.
5. Covanta asks that that any written or video content be reviewed by the Company for factual correctness prior to public release of information. Covanta does not endorse any 3rd party media releases unless authorized & approved by Covanta.
6. Any video or photography taken at a Covanta facility can be reused by the Company for internal distribution and promotional purposes.
7. Officials and employees of government agencies visiting in their official capacity are asked to declare the purpose of their visit and provide credentials if requested.
8. Visitors will not publish, disclose or use oral or written confidential information obtained during the course of the visit without proper approval of a Covanta representative.
9. To the extent not prohibited by law or public policy and in consideration of being allowed to visit the Facility, visitors agree to assume all risks of personal injury, loss or damage to their property and for themselves, their heirs or others claiming through them and waive any right to make claims for any such injury, loss or damage in any manner against Covanta its affiliated companies their directors, officers, employees, agents or representatives.

Agreed:

Signature

Date

Print Name

Child's Name (if w/school)

Company Name

School or Group Affiliation



LEADERSHIP IN ENERGY-FROM-WASTE

Covanta Energy (NYSE:CVA) is the world's largest owner and operator of Energy-from-Waste (EfW) facilities. Covanta's 44 EfW facilities worldwide provide communities with a sustainable solution to their solid waste disposal needs by using trash to generate clean, renewable energy. Annually, Covanta's state-of-the-art facilities safely convert more than 20 million tons of waste into 9 million megawatt hours of clean electricity and create more than 9 billion pounds of steam which is sold to a variety of industries.

EFW: HELPING SOLVE CRITICAL CHALLENGES

Sustainable Waste Management

Sustainable waste management begins with efforts to reduce, reuse and recycle, but unfortunately at this time there is not a way to eliminate waste completely. Covanta facilities complement recycling efforts by converting non-recyclable waste into energy and by recycling over 400,000 tons of metals recovered annually during the EfW process. It's worth noting, communities with an EfW facility typically have world-class waste management systems and higher recycling rates than communities that do not.

FACT: A SINGLE KITCHEN BAG OF TRASH HAS THE POTENTIAL TO KEEP A COMPACT FLUORESCENT LIGHT BULB AGLOW FOR APPROXIMATELY FOUR DAYS.

DID YOU KNOW?

Over the last 25 years, energy-from-waste has been recognized as renewable energy through federal laws, executive orders, and regulations, starting with the Public Utility Regulatory Policy Act (PURPA) of 1978 and most recently with the American Recovery and Reinvestment Act of 2009. Twenty-five states identify energy-from-waste as renewable energy.

Clean, Renewable Energy

As America strives to find alternative sources of energy, EfW is a logical solution. For every ton of waste processed in a Covanta facility, we avoid the need to import one barrel of oil or mine a quarter ton of coal, saving the equivalent of 20 million barrels of oil or five million tons of coal a year. Covanta doesn't need to mine or drill for our fuel; we get it right from the average person's trash can and use it to supply 8 percent of the nation's non-hydro renewable energy.



Covanta is dedicated to environmental stewardship. Pollution control technology is an essential part of our operations. On average, our facilities perform 60-80 percent better than limits established by state and federal regulations. We've gone so far as to have developed our own state-of-the-art control systems to drive down emissions such as nitrogen oxide even further.

Climate Change Solution

Currently, over 65 percent of our nation's waste is buried in landfills annually. As waste decomposes in a landfill, it produces methane gas, a greenhouse gas that, in terms of its contribution to global warming, is up to 25 times more potent than carbon dioxide (CO₂). Nationally, each ton of waste processed at an EfW facility leads to the reduction of one ton of carbon dioxide equivalent greenhouse gas emissions. This is due predominately to the prevention of landfill methane, avoiding fossil fuel combustion, and the recovery of ferrous (steel) and non-ferrous (aluminum, copper, etc.) metals for recycling. Additionally, many landfills are located far away from waste sources, resulting in a significant amount of CO₂ emissions from diesel-fueled waste transportation trucks.

Covanta facilities are located in or near the communities they serve, so long-distance transport is not necessary. Not only do they prevent the production of methane gas by diverting waste from landfills, but they use over 6 percent of our nation's waste to create clean energy in what could only be called a 'win-win' situation.

Green Jobs

EfW is ideal because it is local. It returns clean, renewable energy in the form of steam and electricity back to the same community that provides its fuel. This circle-of-service is both environmentally sound and economically beneficial.

FACT: MORE THAN 350 MILLION TONS OF GREENHOUSE GASES HAVE BEEN OFFSET THROUGH THE OPERATION OF OUR 44 EFW FACILITIES, THE EQUIVALENT TO PLANTING OVER 8 BILLION TREES.

DID YOU KNOW?

Recognition of EfW as a source of greenhouse gas mitigation and inclusion of EfW as an eligible source of carbon offsets follows the long established policies of the Intergovernmental Panel on Climate Change (IPCC), the Clean Development Mechanism (CDM) of the Kyoto Protocol and the European Union.

EfW provides good jobs for local citizens; jobs that cannot be exported. According to a recent study commissioned by the RES Alliance for Jobs, a coalition of major stakeholders in the renewable industry of which Covanta is a member, a federal mandate for 25 percent of all U.S. energy generation to be renewable by 2025 would result in 15,000 more EfW-related jobs.

Institutions such as the World Economic Forum recognize EfW's significance in reaching renewable energy goals and the associated socioeconomic benefits of increasing energy derived from renewable sources. Legislative bodies around the world have initiated policies and targeted specific funding to support the growth of local green jobs in the renewable sector.

Each new EfW facility has the potential to generate about \$1 billion in direct and indirect economic activity, providing up to 1,000 construction jobs and as many as 100 permanent jobs. In addition, these facilities purchase many goods and services locally, further supporting the local economies.

HOW EFW WORKS

Municipal solid waste is delivered to a facility and transferred to a combustion chamber where self sustainable combustion is maintained at extremely high temperatures. The heat from that process boils water to create steam that is either sold as is or, in most cases, used to drive a turbine, generating the electricity we sell. Ash is processed to recover metal for recycling. All gases are collected, filtered and cleaned before being released safely into the atmosphere.

