Turning Food Waste into Energy
Ahold Delhaize

22 Great Local BRANDS

Serving more than 50 million customers every week

369,000 Associates

11 Countries

More than 6,600 stores

Strong financial profile

Proud heritage 150 years experience in food retailing

Leading in sustainable retailing: Proud member of DJSI

Top 10 International food retailer

Shopping anytime, anyplace

Leading online businesses

More than 6,600 stores

Retail Business Services
Our Brands
GROW GREENER with us

Over 2,000,000 TREES SAVED last year by recycling cardboard

100% SUSTAINABLY SOURCED
STOP & SHOP BRAND COFFEE, TEA & SEAFOOD

CONVERTS INEDIBLE FOOD INTO ENERGY TO HELP POWER OUR DISTRIBUTION CENTER
*Only distributed from MA, RI, and participating CT stores

73% of all waste kept out of landfills

Organic waste recycled at stores for composting & animal feed

Over 2,000,000 meals donated to those in need instead of wasted

Learn more, do more at stopandshop.com/community/care-for-the-environment

Retail Business Services
The Green Energy Facility
The Green Energy Facility

GREEN ENERGY FACILITY
TURNING INEDIBLE FOOD INTO CLEAN ENERGY

INEDIBLE FOOD
Each day, approximately 95 tons of inedible food will be collected from Stop & Shop New England stores and brought to the Green Energy Facility.

BIOGAS
Biogas is captured and is sent to a generator where electrical power is created.

ANAEOROIC DIGESTION
Inedible food is loaded into the facility and goes through a process called Anaerobic Digestion.

ORGANIC COMPOST
Leftover organic material is turned into fertilizer and compost.

ELECTRICAL POWER
The power created by the Green Energy Facility provides up to 40% of electrical power for Stop & Shop’s 1.1 million square-foot distribution center.
• No more depackaging
• No more carrying food waste outside
• No more dealing with weather & pests
• Safer overall process
• More food waste is processed!

1. **Set up collection bin:**
   1. Position black pallet in desired location.
   2. Stand up cardboard bin sleeve on pallet and pull out all sides to fit into the outer grooves.
   3. Pull out the four yellow tabs on the underside of the pallet to lock the sleeve into place.
   4. Use a banana liner to line the inside of the bin.
   5. **NOTE:** Pull out the liner so that it reaches down to the pallet around the outside of the bin (see picture).

2. **Collect food waste in bin:**
   1. Throw in packaged and unpackaged food that cannot be sold or donated.
   2. **NOTE:** Materials do not have to be depackaged before putting in bin. However, DO NOT add loose trash such as empty plastic bags or milk crates.
   3. Do not fill bin past the top! Leave at least 3 inches of space above the food.

3. **Prepare bin for removal:**
   1. Pull all excess liner together above the food.
   2. Close the liner by rolling or twisting together (do not tie). Make sure there are no contents left uncovered.
   3. Start over with a new bin!
### Acceptable & Unacceptable

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Produce (fruit, veggies, bagged salad, liquid in sealed containers)</td>
<td>• Items acceptable for food donation</td>
</tr>
<tr>
<td>• Dairy (yogurt, cottage cheese, cheese, eggs, milk/liquid in sealed containers)</td>
<td>• Rendering (meat, trim, bone, fish, oil, meat from Deli/Deli Prep)</td>
</tr>
<tr>
<td>• Deli (non-meat/seafood based salad, cheese)</td>
<td>• Liquid NOT in a sealed container</td>
</tr>
<tr>
<td>• Bakery</td>
<td>• Trash (bagged nor loose)</td>
</tr>
<tr>
<td>• Floral cuts and trims (no soil)</td>
<td>• Inedible, non-food items such as:</td>
</tr>
<tr>
<td>• Grocery (packaged food, beverages in sealed containers)</td>
<td>– Soil, paper goods, detergent, bleach, batteries, crates, recyclable plastic and cardboard, empty bottles, cans, etc.</td>
</tr>
<tr>
<td>• Frozen food</td>
<td>• Canned goods</td>
</tr>
<tr>
<td></td>
<td>• Metal, glass or any food in glass container</td>
</tr>
</tbody>
</table>
Green Energy Facility Facts

- Launched in April 2016
- 12,000 sq. ft. facility
- 208 Stop & Shop stores serviced
- Processes 95 – 130 tons food waste daily or 34,000 tons per year
- Can provide up to 40% of the 1.1 million sq. ft. DC’s energy needs
- Can produce up to 1.25 megawatts of clean electricity
Green Energy Facility Facts

• Over 52,000 tons processed since opening in 2016

• As of Feb. 2016 over 11,200,000 kWh produced

• This could run 1,040 U.S. homes for a year!
Questions and Thank you!