



Maryland Green Registry MEMBER

The Maryland Green Registry promotes and recognizes sustainable practices at organizations of all types and sizes. Members agree to share at least five environmental practices and one measurable result while striving to continually improve their environmental performance.

Baltimore Gas & Electric Company



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Energy delivery
Member since June 2018

Management and Leadership

Environmental Policy Statement

BGE uses Exelon's Policy: Environment; which is available [here](#).

Environmental Team

BGE has an Environmental Management Committee that meets quarterly. Environmental Management Systems (EMS) leads from various business areas that represent the company operations participate. In addition, the EMS leads and Environmental Management Unit meet annually to evaluate its environmental aspects and impacts for BGE activities. The aspects along with risk and opportunities are used to develop annual objectives, performance indicators and commitments.

Annual Environmental Goals

Reduce greenhouse gas emissions by 15% over the next five years (2018 to 2022). BGE is able to achieve this significant reduction due to the STRIDE II cast iron/bare steel natural gas pipeline replacement program approved through the MD Public Service Commission.

Environmentally Preferable Products and Services

Whether you're a homeowner, business owner, or contractor, the BGE Smart Energy Savers Program[®] offers a variety of options to save energy, money

and the environment. These programs support the EmPOWER Maryland Energy Efficiency Act, which aims to improve energy efficiency statewide. Learn more at www.bgesmartenergy.com

Environmental Restoration or Community Environmental Projects

BGE has implemented integrated vegetation management (IVM) at six high-voltage transmission rights-of-way (ROW) locations on more than 1250 acres of land in its service territory. BGE has three Wildlife Habitat Certifications and 12 National Wildlife Federation certifications at some of its facilities and ROWs (12th NWF was added in March 2018 and is not shown in table below taken from the Exelon Corporation Sustainability Report 2017).

Exelon Habitat Certifications 2017				
Company	Program Name	WHC	NWF	Acres
BGE	BGE-Patuxent National Research Refuge ROW Partnership	✓	✓	8,000
	BGE ROW Environmental Stewardship Program	✓	✓	N/A
	BGE ROW Columbia/Lake Elkhorn Vicinity		✓	10
	BGE ROW Liberty Reservoir		✓	10
	BGE ROW Flag Ponds		✓	10
	BGE ROW American Chestnut Land Trust		✓	10
	BGE ROW South River Greenway Partnership		✓	10
	BGE Riverside Facility		✓	5
	BGE Howard Service Center		✓	135.4
	BGE Notch Cliff		✓	20.2
	Spring Gardens Facility	✓	✓	72

Independently-Audited Environmental Management System

BGE was recertified under the current ISO 14001: 2015 standard in May 2018 and is now certified through May 2021.

Waste

Recycling

See table below and note that BGE participates in EPA’s WasteWise program.

BGE Waste Recycled	
Materials	2017
	Total
Municipal Recycling	
White Paper (shredded)	137,056
Single Stream Office Materials (other prop) Mixed Cboard, Pap., Alum. Cans, Plas. Bot.	645,040
Single Stream Office Materials (G&E) Mixed Cboard, Pap., Alum. Cans, Plas. Bot.	84,400
Subtotal (lbs)	866,496
Subtotal (tons)	433.2
Electronic Waste (all recycled)	
Computers, Electronics, PDA's	24,721
Subtotal (lbs)	24,721
Subtotal (tons)	12.4
Scrap Metal (all recycled)	
Aluminum Wire & Cable	714,287
Copper Wire & Cable & Windings	413,572
Lead Cable	229,173
Steel/Mixed Metals & Galvanized Poles	3,433,418
Resold gas meters (Iron, Alum, Rot)	1,404
Mixed electric meters	300,000
Transformers <500 ppm PCBs	2,366,573
Other electrical (eg. Bush., Cap.) <500 ppm	83,320
Subtotal (lbs)	7,541,747
Subtotal (tons)	3,770.9
Industrial Waste Recycled/Reused (includes energysite oil)	
Vehicle Tires (recycled)	29,700
Vehicle Tires (recycled)	41,600
Vehicle Tires (retread)	106,300
Plastic Gas Pipe & Mixed Plastic	47,980
Wood Pallets/Crates/Reels	650,760
Wood Pallets/Crates/Reels	403,172
Wood Poles (creosote and penta)	4,255,120
Spring Gardens Wood Dumpster	68,320
Cable Reels - Reused	240,000
Paper and Cardboard	31,605
Mineral Oil < 50 ppm	735,119
Asphalt Millings	98,203,140
Mixed Aggregate Spoils	75,851,180
Natural Tree Trimming Wood (Chips, Mulch)	97,357,900
Rubber Goods	2,175
Subtotal (lbs)	278,024,071
Subtotal (tons)	139,012.0
Universal Waste (all recycled)	
Fluorescent Tubes	1,649
Lamps	4,827
Lighting Capacitors	4,400
Lead-Acid Batteries	48,542
Lithium Batteries	35,401
Nickel Cadmium/Metal Hydride Batteries	260
Subtotal (lbs)	95,079
Subtotal (tons)	47.5
Hazardous Waste Recycled/Reused (includes energysite reuse, return)	
Mineral Oil 50-499 ppm	40,639
Subtotal (lbs)	40,639
Subtotal (tons)	20.3
Total Recycled (lbs)	286,592,752
Total Recycled (tons)	143,296.4
Summary	
	2017
	Total
Total BGE Waste Generated:	295,383,890
Total BGE Waste Generated:	147,691.9
BGE Waste Recycled	286,592,752.3
BGE Waste Recycled	143,296.4
BGE Waste Disposed (Not Recycled)	8,791,138
BGE Waste Disposed (Not Recycled)	4,395.6
Recycling Rate	97.02

Energy

Renewable Energy

BGE has solar panels at its Spring Gardens facility that was sufficient to power its Call Center from 2014 to 2018. BGE's White Marsh Training Center also has solar panels to supplement its electric usage at that facility.

Green Building

LEED Certification

Facilities Operations has achieved LEED certification of its Lord Baltimore Building-B at Rutherford Business Center, and LEED Silver certification for the White Marsh Training Center.



Help build a greener, more sustainable Maryland through voluntary practices that reduce environmental impacts and save money.

Learn more at green.maryland.gov

