

SAVE BERNHEIM NOW



the **LG&E**
PIPELINE
& the climate crisis



Kentucky Interfaith
Power & Light



PASSIONIST
EARTH & SPIRIT
CENTER



NEW PIONEERS
FOR A SUSTAINABLE FUTURE

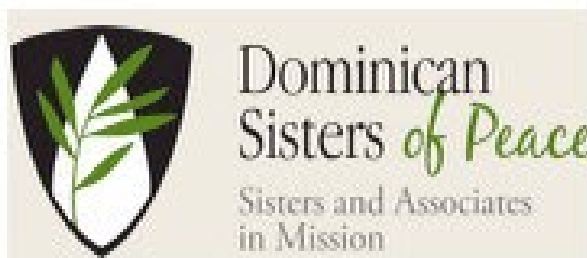


SIERRA CLUB
Greater Louisville Group

First Unitarian Church



Justice Ministry
LOUISVILLE, KY



REAL | Renewable Energy
Alliance of Louisville







\$74 million construction to
be covered by Louisville rate payers



70 years of maintenance

Bernheim Partnerships

Serving communities of color & marginalized communities in Louisville

- Bridge Kids International
- Play Cousins Collective
- Bernheim Ambassador program
- Education programs with schools in South and West Louisville
- Children at Play Network
- Backside Learning Center
- Beautiful As You Are
- Brown Girls Living Out Loud



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Beam Suntory Unveils Renewable Energy-Powered Jim Beam Expansion

As part of \$400 million investment, Jim Beam's Boston, KY facility will increase capacity and reduce greenhouse gas emissions by 50%

BOSTON, KY– September 14, 2022 — Beam Suntory, a world leader in premium spirits, will invest more than \$400 million to expand production at its Booker Noe distillery in Boston, KY, which produces Jim Beam®. This expansion will increase capacity by 50%, while reducing the distillery's greenhouse gas emissions by the same percentage, through the use of anaerobic digestors that will produce renewable natural gas to power the facility.

Beam Suntory has entered into an agreement with 3 Rivers Energy Partners to build a facility across the street to convert spent stillage into biogas which will be treated to renewable natural gas standards and piped directly back to the Booker Noe facility. The digestors will also produce a high-quality, low-cost fertilizer, which will be made available to local

Bio reactor savings & investment swag's

Savings from switching from gas and coal to Methane					\$3,933,068
Savings from producing own electricity					\$1,500,000
Income from selling excess electricity					\$923,826
Reduction in operating costs other than power					\$379,955
					\$6,736,850
Lost BN DDG sales					<u>\$4,200,000</u>
				Net savings	\$2,536,850
One time cost avoidance					\$17,090,000
Estimated cost to build					\$20,000,000
				IRR	17.8%
				payback	5.0
				NPV	\$6

Beam Suntory is projected to earn almost \$1 million by selling **excess electricity** from bio reactor



Beam SUNTORY

Gas Pipeline Incidents 2003-2022 in U.S.

In the 20 years between 2003 and 2022, there were 12,781 significant gas pipeline incidents that resulted in:

- **274 fatalities**
- **1,120 injuries** that resulted in in-patient hospitalizations
- At a cost of **\$10.8 billion**



LG&E gas pipeline explosions

2011 house explosion case

LGE paid \$125,000 fine in a settlement of alleged safety violations in Jefferson County

2014 Oldham County pipeline blast

PSC Fines LG&E \$395,000 In Oldham Co. Gas Line Rupture. LG&E paid more than \$1.3 million, including \$262,000 in property damage and \$950,000 for repairs and service restoration.



2019 Lincoln Co.
Pipeline Explosion

Other gas pipeline explosions in KY

2020 Fleming County Pipeline Explosion

5 acres burned, \$12 M property damage & emergency response.

2019 Lincoln Co. Pipeline Explosion

1 death, 19 homes damaged, 30 acres burned

2014 Adair Co. Pipeline Explosion

Fire seen 20 miles away, 3 house, 2 barns, 200 firefighters to put out the flames

2012 Estill Co. Gas pipeline Explosion

land movement causes rupture, 86' by 22' crater & fire, \$1,688,065 cost

2006 explosion in Clark. Co

Karst terrain

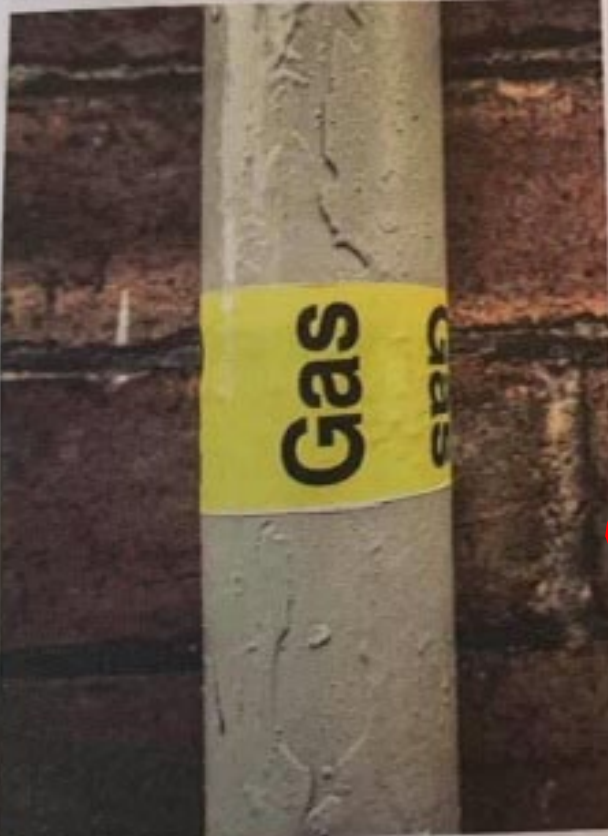
- sinkholes
- sinking streams
- caves
- springs



LGE
a PPL company

POWER SOURCE

VIGILANCE MATTERS WHEN IT COMES TO GAS



We have stringent and thorough inspection procedures in place to ensure the safety and integrity of the pipelines that bring natural gas into your home for heating and cooking. On rare occasions, pipeline damage can occur, resulting in a serious emergency. The most common causes of damage are both natural (earthquake, flood, age) and man-made (homeowner digging in the yard, construction worker hitting a pipeline).

"The most common **causes of damage** are both natural (earthquake, **flood**)..."





Flooded land near proposed pipeline route (courtesy Kim Rummage)

**We need to move toward
all-electric, powered by
renewables.**



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