Natural Gas: Tomorrow's Fuel?
Jordan McGillis

IER INSTITUTE FOR ENERGY RESEARCH

New Era

Million Cubic Feet

U.S. Natural Gas Marketed Production
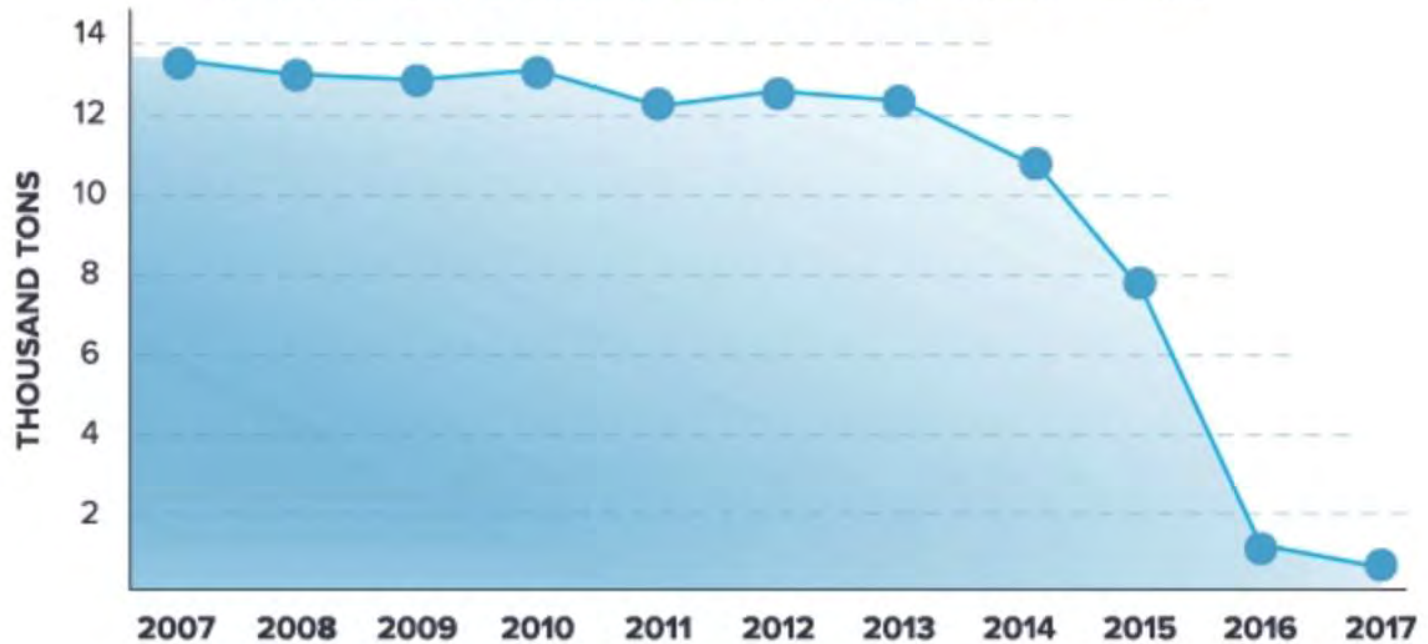
IER INSTITUTE FOR ENERGY RESEARCH

Dry Natural Gas Production -- TCF
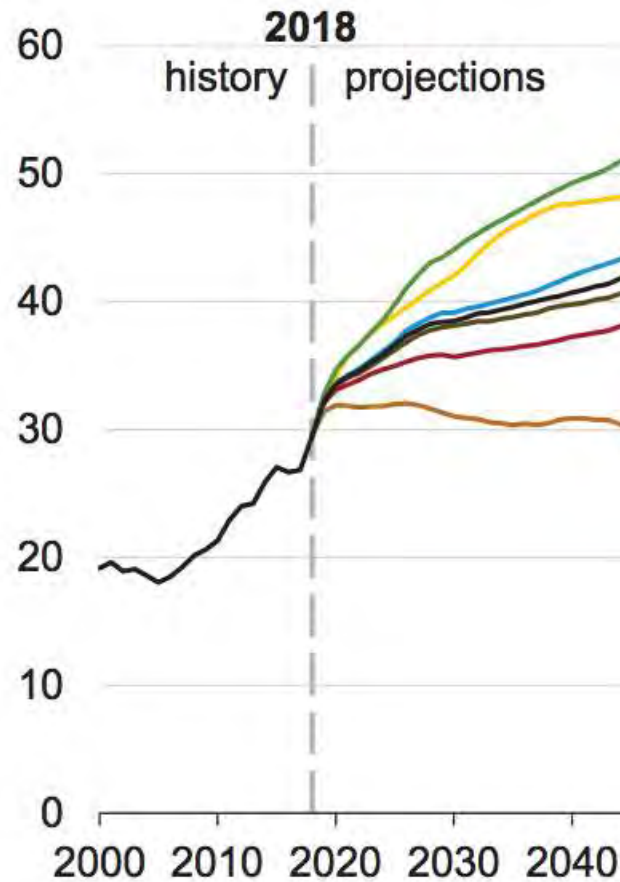
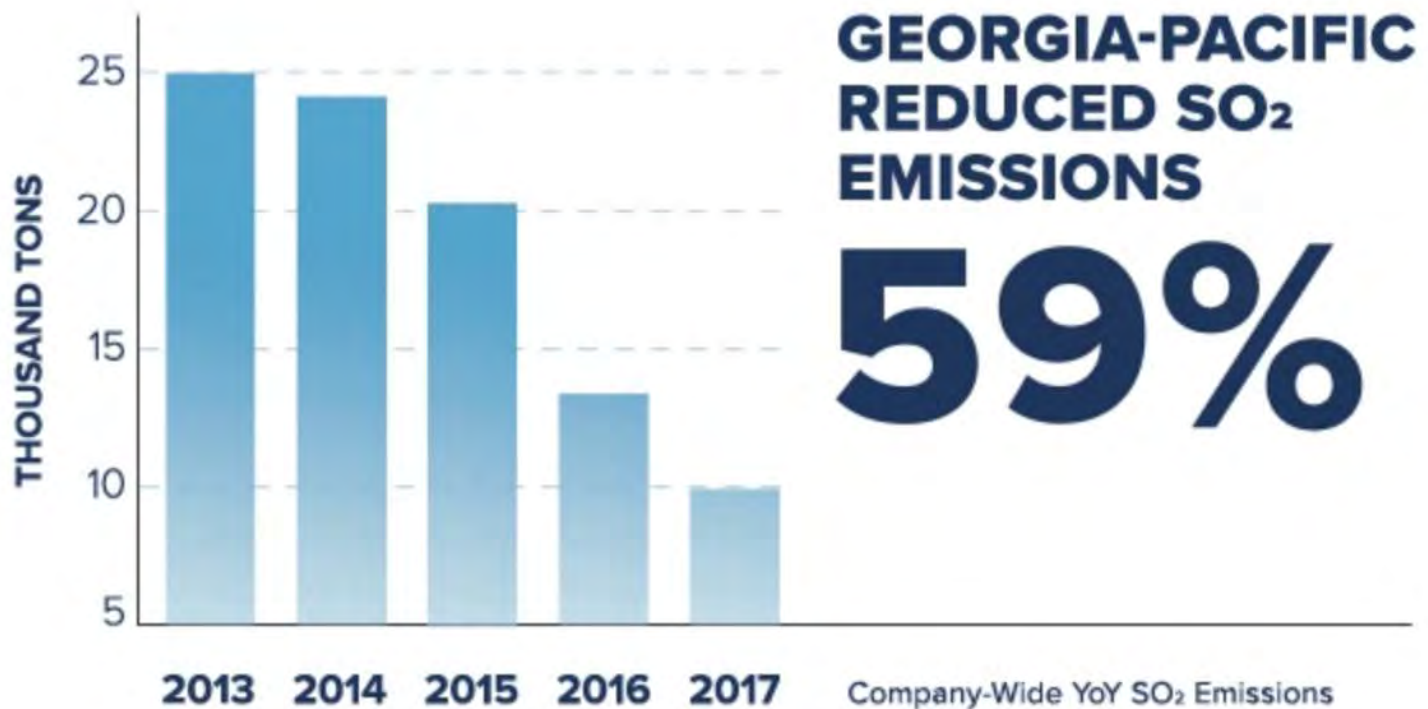# New Opportunities

GREEN BAY-BROADWAY REDUCED SO2 EMISSIONS 94%
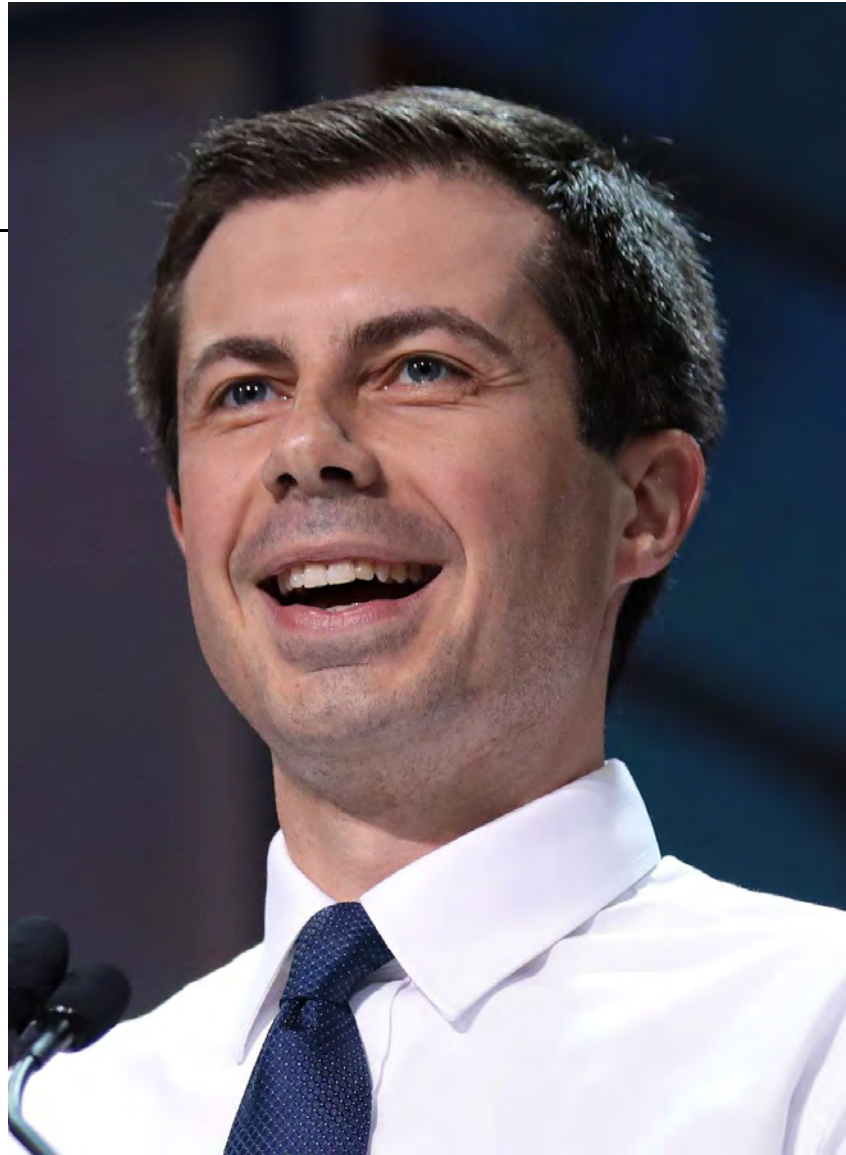
GP Green Bay-Broadway annual reported SO2 emissions

IER INSTITUTE FOR ENERGY RESEARCH

New Opportunities

THOUSAND TONS

25 — 20 — 15 — 10 — 5

2013 2014 2015 2016 2017

GEORGIA-PACIFIC REDUCED SO₂ EMISSIONS

59%

Company-Wide YoY SO₂ Emissions

IER INSTITUTE FOR ENERGY RESEARCH

Vilification

Pete Buttigieg

- "(W)ork with Congress and existing executive authorities to implement a bold and achievable Green New Deal."

- "We will enact a price on carbon and use the revenue to send rebates to Americans"

- "I favor a ban on new fracking and a rapid end to existing fracking so that we can build a 100 percent clean energy society..."

IER INSTITUTE FOR ENERGY RESEARCH

Elizabeth Warren

- "Proud to be an original supporter of the Green New Deal"

- Yes to a carbon tax? Indeed.

- "total moratorium on all new fossil fuel leases for drilling offshore and on public lands" and "ban fracking everywhere" on her first day in office.

IER INSTITUTE FOR ENERGY RESEARCH

Bernie Sanders

○ Supports the Green New Deal

○ 2016: "I believe we should have tax on carbon and deal aggressively with climate change." 2020: *crickets*

○ "Ban fracking and mountaintop removal coal mining"

IER INSTITUTE FOR ENERGY RESEARCH

Joe Biden

- "(T)he Green New Deal is a crucial framework for meeting the climate challenges we face."

- "(P)olluters must bear the full cost of the carbon pollution they are emitting…"

IER INSTITUTE FOR ENERGY RESEARCH

Joe Biden

- "I think we should in fact be looking at what exists now and making a judgment whether or not the those in fact that are there, those wells that are there, whether or not they are dangerous, whether or not they have already done the damage."

PredictIt 12/9/19

Who will win the 2020 U.S. presidential election?

Contract	Latest Yes Price	Best Offer
Donald Trump	44¢ 1¢▼	44¢
Joe Biden	17¢ NC	17¢
Bernie Sanders	14¢ 1¢▲	15¢
Pete Buttigieg	12¢ 1¢▲	13¢
Elizabeth Warren	9¢ 1¢▲	9¢

State and Local Policy Threats

○ **New York**
  - Pipeline Permitting

○ **California**
  - Local New Gas Bans

IER INSTITUTE FOR ENERGY RESEARCH

Big Green, Inc.

$2,590,579,591

Bubble Value Scale: $1,295,314,796

$50,000

IER INSTITUTE FOR ENERGY RESEARCH