

Middle Georgia Clean Air Coalition

March 10, 2022

Standard Order of Business

Roll Call and Establishment of Quorum

Approval of Minutes

- Distributed Prior to Meeting

- Need Motion to Approve & 2nd

Financial Report Approval

- See insert at right
- Need Motion to Approve & Second

Middle Georgia Clean Air Coalition

Financial Report
As of February 28, 2022

Beginning Balance - January 31, 2022 (Corrected)		$ 206,766.07
Revenues		
Bank Interest dropped from .5% to .01%	$ 1.55	
Member Contributions	292.00	
Total Revenues		$ 293.55
Subtotal		207,059.62
Expenditures		
Ray Clark	$ 12,709.00	
Total Expenditures		12,709.00
Ending Balance - February 28, 2022		$ 194,350.62

TAKING ACTION TO IMPROVE AIR QUALITY IN MIDDLE GEORGIA

Energy Update

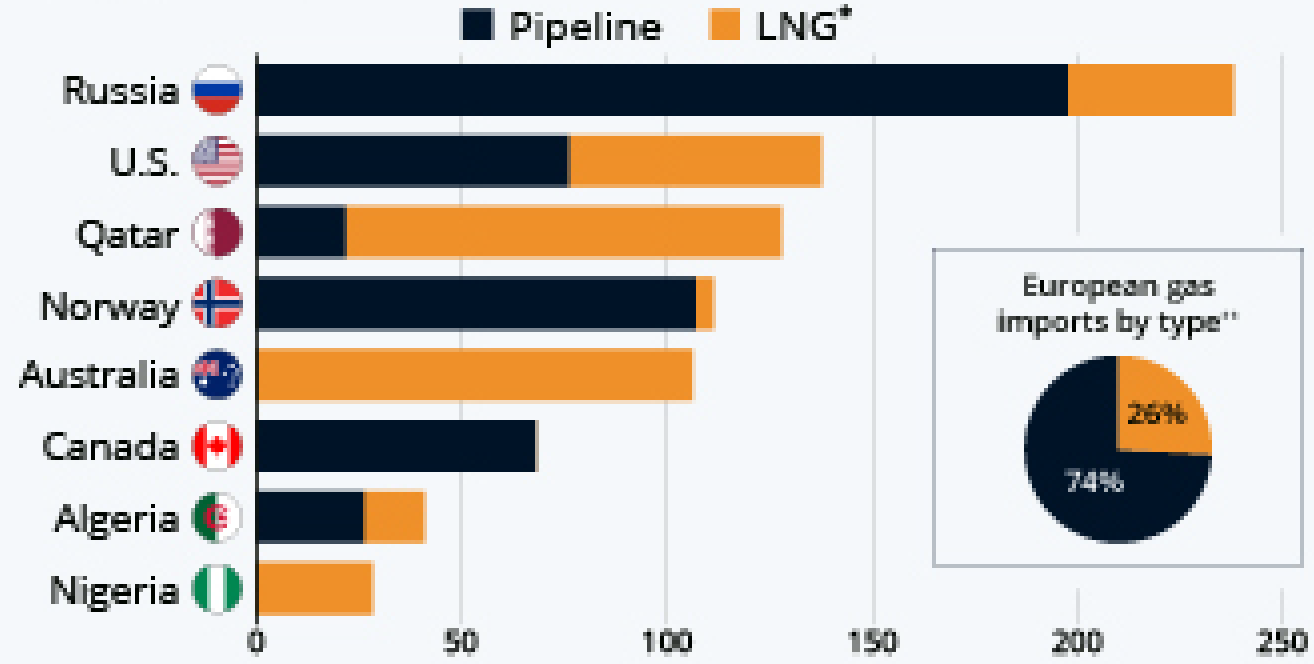
The Clark Group Report

Energy Shock

- As of last November, Russia provided 7% of U.S. combined crude and petroleum product imports.
- "Most of my member companies had already self-imposed a boycott of Russian crude," American Petroleum Institute CEO Mike Sommers
- Preliminary federal data shows U.S. imports of Russian crude dropped to nothing in late February.
- "If more Western countries join the US and impose oil embargoes on Russia, it would create a 4.3 million barrels per day (bpd) hole in the market that simply cannot be quickly replaced by other sources of supply,"
- And Prices would soar much more (Rystad Energy analyst Bjørnar Tonhaugen)

What Alternatives Does Europe Have to Russian Gas?

Main gas exporting countries in 2020,
by type of export (in billion cubic meters)



* typically exported by ship
** EU-27 + UK (2020)

Sources: BP - Statistical Review of World Energy 2021,
U.S. Energy Information Administration

statista

Renew Energy Independence

- Legislative: "We should not replace Russian oil with oil from dictators in Iran and Venezuela," said Sen. John Barrasso, the ranking Republican on the Senate's energy committee.
- Administration: "there are 9,000 approved drilling permits that are not being used."
- Industry: First you have to actually discover whether actually there is oil and gas in that land. Second of all, you have to get a permit to actually develop that land.”
- Environmental Community: calls for faster clean energy and electric vehicles deployment

Production

- The U.S. Energy Information Administration just increased its 2023 U.S. production forecast to an average of 13 million barrels per day (mbd), up from 12.6 mbd in last month's projection.
- You're going to see the industry responding to this. You'll see the growth, but whatever we start doing today doesn't get produced for 12 to 18 months from today. (ConocoPhillips CEO Ryan Lance)
- With supply chain challenges, it makes any kind of attempt to grow now — and at a rapid pace — very, very difficult. (Occidental Petroleum CEO Vicki Hollub)

Increased CO2

- **The world's energy-related CO2 emissions** reached an all-time high in 2021 (International Energy Agency)
- The emissions rebound after the COVID-related economic downturn is another sign of a global recovery
- Global energy-related CO2 emissions increased byrecord 6% in 2021 to reach 36.3 billion tons.
- The year-to-year increase from 2020 to 2021 was the largest on record in absolute terms (IEA).

EU Strategy

- **The European Commission** released a strategy aimed at cutting reliance on Russian energy
- The plan seeks a very rapid break from Russian natural gas, (1/3 of European imports)
- The plan will aim to cut those imports by two-thirds within the first year
- The plan relies on a combination of boosting reliance on other suppliers, efficiency, filling up storage more quickly, speeding up renewables, and perhaps boosting coal use in the short-term
- It might boost coal in the short term and combined with an accelerated rollout of clean energy (Frans Timmermans, a top EC climate official)
- Timmermans said there will be a more aggressive renewables deployment

Future Fuels

- Exxon CEO Darren Woods says their emphasis on carbon capture, hydrogen and biofuels. (CERAWeek by S&P Global conference).
- TotalEnergies' will move into areas including renewable power, electricity services, batteries and EV charging that TotalEnergies and other European majors like BP and Shell are increasingly pursuing. (CEO Patrick Pouyanné)
- "Biofuels, biogas, hydrogen, and the strategic move we have decided that we will become an electricity and renewable producer and supplier,"

- *"The global economy could soon be faced with one of the largest energy supply shocks ever."*

Goldman Sachs

Central Georgia and EVs

- Central Georgia dealerships see increased interest in electric cars

  https://www.13wmaz.com/video/news/local/central-georgia-dealerships-see-increased-interest-in-electric-cars/93-9f424ba8-7347-4b7b-959f-b9017d9e54e0



USDA REPP Update

Greg Boike & Ray Clark

Proposed Scope of USDA REPP Project

- Economic Development Project: Twiggs County with KaMin, LLC
  - Installation of Solar Capacity (approx. 1MW)
  - Helps their business/economic development in a rural community
  - Focus on sustainability
- Solar City Project: City of Culloden:
  - Solar Capacity of approx. 50KW
  - Vision: Georgia's First Solar City
    - Offset as close to 100% of power bills as possible.
- Project TBD: Peach County
  - Possibly supporting BlueBird?
- MGCAC Capacity Building: w/ Middle Georgia Regional Commission
  - Promote regional weatherization programs (look to partner with Community Action Agency)
  - Staff support for community solar projects
  - Grant Administration

I-75 Corridor Update

Ray Clark

General Discussion

MGCAC Members

Adjournment

Next Meeting: Thursday, April 14 at 4:00 PM

Middle Georgia Regional Commission