

Middle Georgia Clean Air Coalition

April 14, 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 March 31, 2022

Beginning Balance - February 28, 2022			$ 194,350.62
Revenues			
Bank Interest dropped from .5% to .01%	$ 1.59		
Member Contributions	292.00		
Total Revenues			$ 293.59
Subtotal			194,644.21
Expenditures			
Ray Clark	$ 12,405.00		
Total Expenditures			12,405.00
Ending Balance - March 31, 2022			$ 182,239.21



Clark Group Report

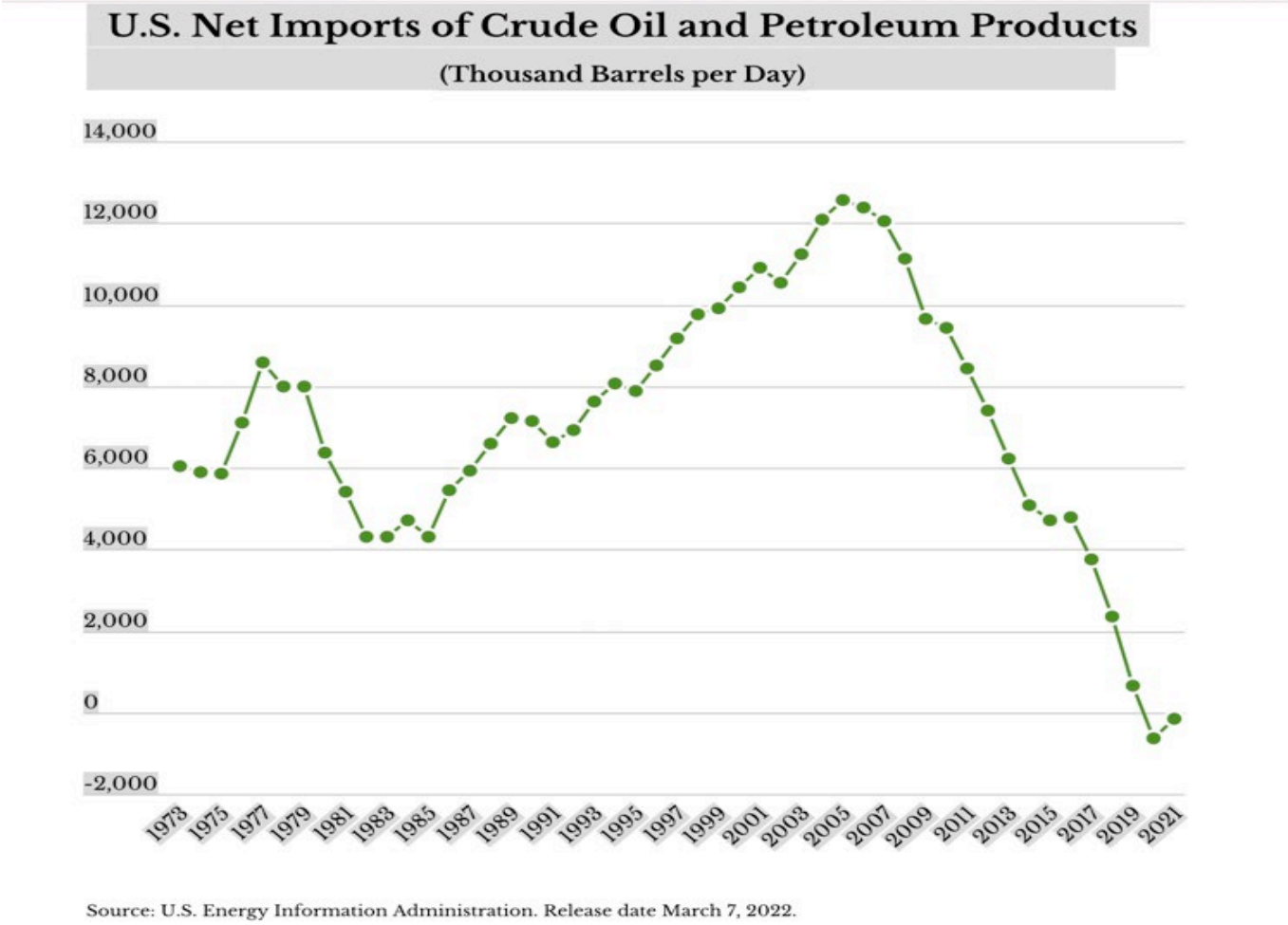
Ray Clark

TAKING ACTION TO IMPROVE AIR QUALITY IN MIDDLE GEORGIA

Energy Update

The Clark Group Report

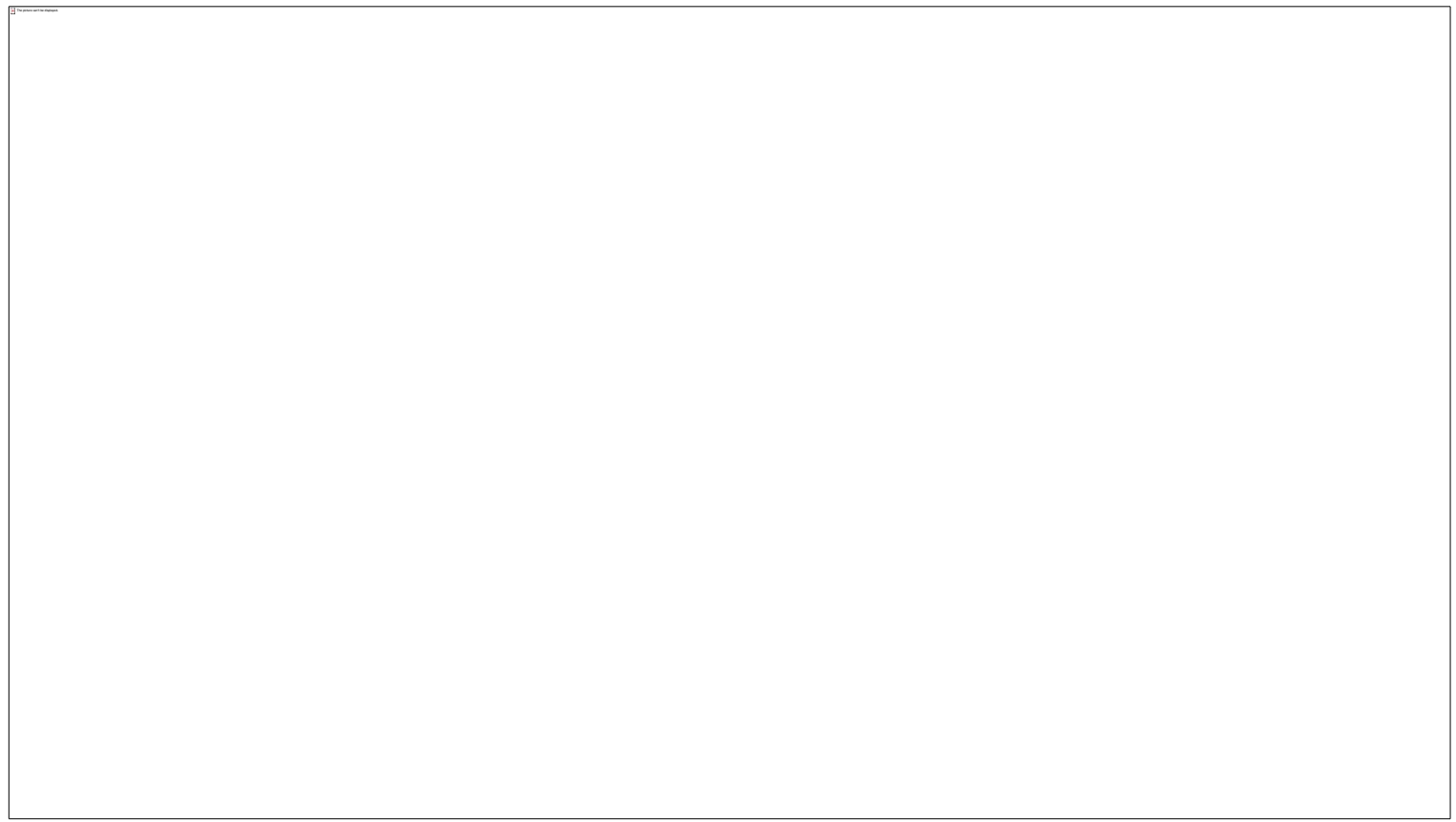
Energy Independence



- "Europe’s push to wean itself off Russian natural gas is sparking billions of dollars in new commitments toward building a market for low-carbon hydrogen." Bloomberg News

The New Auto Show

- less on gleaming new models and more on educating consumers about the electric future
- There are fewer splashy displays than in past years
- Much bigger emphasis on vehicle electrification and charging, with several opportunities for consumers to ride in an EV on indoor test tracks.
- For many people, it's likely to be their first hands-on experience with an electric vehicle


The picture can't be displayed.

- "There’s no question that 2035 or 2040 is going to be all-electric, without a doubt," says Bob Carter, executive vice president of sales for Toyota Motor North America.
- "The question is, how long is the transition period going to take? Is it a three-year transition or a 15-year transition?"
- **Honda plans** to pour roughly $40 billion into electrification over the next 10 years and intends to launch 30 models globally by 2030

The picture can't be displayed.

Battery Disposal

- Redwood Materials has enlisted Ford Motor and Volvo Cars as partners on a pilot
- The pilot will begin in California where Redwood will work with dealers and dismantlers to collect old batteries and then safely transport them to its Nevada facilities for processing.
- Ford and Volvo are helping to fund the pilot, Redwood will accept lithium-ion and nickel metal hydride batteries from any EVs and hybrids
- Most EV batteries come with a warranty of eight years or more, but early evidence shows they tend to outlast those guarantees

- EV batteries that still have some usable life could even be repurposed for stationary energy storage.
- Redwood is preparing to scale up its processing facilities, having raised $700 million last summer to fund expansion.
- Today the company recycles 6 GWh of lithium-ion batteries from consumer electronics — the equivalent of 60,000 EVs — annually in North America.
- The goal is to turn those batteries into valuable assets to help fuel the shift to sustainable EV manufacturing.



USDA REPP Update

Greg Boike & Ray Clark

Scope of USDA REPP Project

Source of Funding	Funding Amount	Use of Funds
USDA REPP Grant	$75,000.00	MGCAC funds to support community energy efficiency.
USDA REPP Grant	$25,000.00	MGCAC funds to provide technical assistance for energy planning.
USDA REPP Grant	$325,000.00	Development of 50KW solar capacity in the City of Culloden.
USDA REPP Grant	$325,000.00	Development of 50KW solar capacity in Crawford County.
USDA REPP Grant	$1,250,000.00	Development of hydrogen-powered battery storage capabilities at Robins AFB Solar Project site.
Georgia Tech	$500,000.00	

General Discussion

MGCAC Members

Adjournment

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

Middle Georgia Regional Commission