



Governor's Council on Biofuels

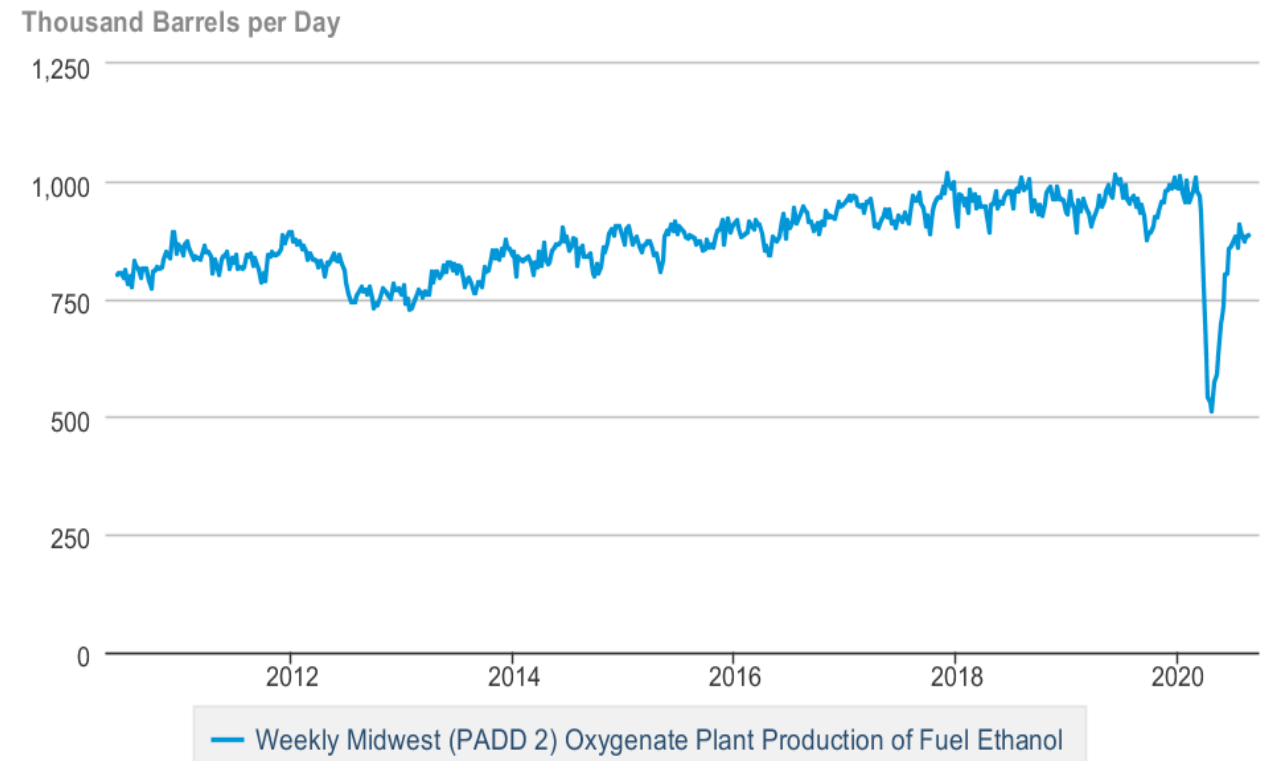
Andrea Vaubel | Deputy Commissioner

September 10, 2020

COVID-19 Impact on Ethanol

- Gradually coming back
- Other challenges

Weekly Midwest (PADD 2) Oxygenate Plant Production of Fuel Ethanol



Source: U.S. Energy Information Administration

Governor's Council on Biofuels

Purpose

“...to **advise** the Governor, and the Commissioners of the Department of Agriculture, the Department of Transportation, the Department of Commerce, and the Pollution Control Agency ***on the role of biofuels in reducing greenhouse gas emissions***, and **recommend policy and budget proposals to foster growth in the production and use of biofuels.**”

Governor's Council on Biofuels

Members

- Gary Anderson
- Michael Bull
- John Christianson
- Elizabeth Crow
- Tim Gross
- Chris Hanson
- Rick Horton
- Kevin Lee
- Lance Klatt
- Jeanne McCaherty
- Mick Miller
- Kevin Paap
- Brian Thalmann
- Gary Wertish
- Bob Worth

Consideration of:

- Policies that accelerate achievement of the petroleum replacement goals outlined in Minnesota Statutes, section 239.7911
- Policies and programs to advance and invest in carbon efficiency improvements of biofuels plants and sources of biofuels feedstock
- Policies that utilize biofuels to help Minnesota achieve its greenhouse gas reduction goals under the 2007 Next Generation Energy Act

MS §239.711 Petroleum Replacement Promotion

- Petroleum Replacement Goals (gasoline):
 - 14% by 2015
 - 18% by 2018
 - 25% by 2020
 - 30% by 2025
- Current ethanol use 12.5% of gasoline (U.S. Energy Information Agency estimate)

Next Generation Energy Act

Minnesota Statutes Chapter 216H

- Adopted in 2007
- Set interim and long-term goals (below the 2005 baseline) for the reduction of GHG emissions in the state:
 - 15% by 2015
 - 30% by 2025
 - 80% by 2050
- Minnesota
 - Did not meet the 2015 goal
 - Is not on track to meet the 2025 goal

Pathways Report

marketing and outreach materials, support interoperability standards, avoid redundancies in charger siting, demonstrate a broader Midwest market for EVs, and increase efficiencies by sharing best practices. (Recommendation)

Build and EV Market and Provide More EV Options

Technical stakeholders, the public, and representatives from Minnesota's largest employers saw the lack of EV options in the marketplace as a major barrier to EV adoption. There was also concern about the proposed weakening of fuel economy standards by the federal government.

- Adopt clean car standards: The Governor's Office needs to encourage MPCA to begin rulemaking for the state to adopt low-emission vehicle standards that maintain fuel economy standards even if the federal government weakens them and adopt zero-emission vehicle standards that require auto manufacturers to offer more EVs in Minnesota to support consumer choice. (Recommendation)

Promote Biofuels to Reduce GHG Emissions and Support Rural Minnesota

Biofuels are important for Minnesota and modeling showed that action is needed across all vehicle classes and sectors, including increased use of biofuels, to achieve the state's NGEA GHG goals.

- Strengthen Petroleum Replacement Goals: Minnesota needs to strengthen its Petroleum Replacement Goals (Minn. Stat Sec. 239.7911) through additional mandates and incentives to ensure that higher biofuel blends are available. (Recommendation)
- Expand biofuel infrastructure: Minnesota should provide financial and technical assistance to build out the wholesale and retail infrastructure that will be needed to supply ethanol blends higher than 10 percent and biodiesel blends higher than 20 percent. (Recommendation)



- E15/mid-level blends
- Biodiesel
- Infrastructure (Infrastructure Subcommittee)
- Midwest Low-Carbon Fuel Standard
- Biofuels use in the state fleet
- Public understanding and marketing
- Vehicles for biofuels

Governor's Council on Biofuels

Next Meeting

- Monday, September 21, 2020
1:00 to 4:00 p.m.
- For more information:
[www.mda.state.mn.us/
environment-
sustainability/
governors-council-biofuels](http://www.mda.state.mn.us/environment-sustainability/governors-council-biofuels)

The screenshot shows the website for the Governor's Council on Biofuels. At the top, there is the Minnesota Department of Agriculture logo and a search bar. Below the logo is a navigation menu with links for BUSINESS DEV. LOANS, GRANTS; ENVIRONMENT, SUSTAINABILITY; PESTICIDE, FERTILIZER; FOOD, FEED; PLANTS, INSECTS; and LICENSING & INSPECTIONS. The main heading is "GOVERNOR'S COUNCIL ON BIOFUELS". Below this is a breadcrumb trail: "Minnesota Department of Agriculture > Environment, Sustainability > Renewable Energy > Governor's Council on Biofuels". The main content area contains text about the council's creation by Executive Order 19-35 and its purpose. A sidebar on the right has a "FORMS + RESOURCES" section with a link to "Meetings of the Governor's Council on Biofuels" and a "CONTACT US" section.

mn DEPARTMENT OF AGRICULTURE

SEARCH

BUSINESS DEV. LOANS, GRANTS ENVIRONMENT, SUSTAINABILITY PESTICIDE, FERTILIZER FOOD, FEED PLANTS, INSECTS LICENSING & INSPECTIONS

GOVERNOR'S COUNCIL ON BIOFUELS

Minnesota Department of Agriculture > Environment, Sustainability > Renewable Energy > Governor's Council on Biofuels

The Governor's Council on Biofuels was created by [Executive Order 19-35](#), signed by Minnesota Governor Tim Walz on September 16, 2019.

The purpose of the Council is "...to advise the Governor, and the Commissioners of the Department of Agriculture, the Department of Transportation, the Department of Commerce, and the Pollution Control Agency on the role of biofuels in reducing greenhouse gas emissions, and recommend policy and budget proposals to foster growth in the production and use of biofuels."

As specified in the order, the study and recommendations of the Council must include, but are not limited to consideration of:

- Policies that accelerate achievement of the petroleum replacement goals outlined in Minnesota Statutes 2018, section 239.7911.

FORMS + RESOURCES

> [Meetings of the Governor's Council on Biofuels](#)

CONTACT US

Thank you!

Andrea Vaubel

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