Today’s Speakers

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American Biogas Council
(Moderator)
Quick Notes

You should be able to hear me talking now. If you can’t, use the questions module to describe your issue.

Two Audio Options: Phone or Computer
Choose one and connect

Pro tip: Don’t call in on our phone if your audio is set to “Mic and Speakers”

Ask questions using the Questions Panel on the right side of your screen at any time.

The recording of the webinar and the slides will be available after the event. We will post them online and send you a link.
Who We Are

The only US organization representing the entire biogas industry

All sectors represented

- Project developers/owners
- Equipment retailers and dealers
- Waste management companies
- Waste water companies
- Farms
- Utilities
- Municipalities
- Consultants and EPCs
- Financiers, accountants, lawyers and engineers
- Non-profits, universities and government agencies

200+ organizations
2,000+ individuals
The US Biogas Market

Current
255 on Farm
1,269 Water
66 Food Scrap
645 at Landfills

Potential
8,300 on Farm
4,000 Wastewater
1,000 Food Scrap
440 at Landfills

Breaking down 222 Dairy Biogas Systems....
1: > 20,000 cows
6: 10,000-20,000 head
16: 5,000-10,000 head.
Total LARGE farm digesters: 10%

14,000+ Potential New Biogas Systems
2,200+ Operational Biogas Systems
Mike Kopalek is currently an Operations Research Analyst at the U.S. Energy Information Administration (EIA), where he has worked for 10 years. He leads the Natural Gas Monthly and Natural Gas Annual publications and manages EIA’s natural gas consumption surveys. He is currently overseeing the triennial Office of Management and Budget clearance package for the natural gas survey forms. He holds both a BA and MA in Economics.
Proposed Changes to EIA’s Natural Gas Surveys

For
American Biogas Council
June 18, 2020 | Washington, DC

By
Michael Kopalek, EIA Office of Energy Statistics
Overview

• Into to EIA

• EIA’s Natural Gas Survey Program

• Office of Management and Budget (OMB) Process Overview

• Proposed Changes to Survey Forms

• EIA Data Products

• Closing
Quick intro to EIA

- The U.S. Energy Information Administration (EIA) was created by the U.S. Congress in 1977.

- EIA collects, analyzes, and disseminates independent and impartial energy information to promote sound policymaking, efficient markets, and public understanding of energy and its interaction with the economy and the environment.

- EIA is the Nation's premier source of energy information and, by law, its data, analyses, and forecasts are independent of approval by any other officer or employee of the U.S. Government.

- EIA does not propose or advocate any policy positions.
EIA’s Natural Gas Survey Program

- EIA’s natural gas survey program aims to capture data from “wellhead to burner tip” for every state as well as the whole country.

- EIA collects data on all aspects of natural gas markets: production, consumption, distribution, storage, imports/exports, prices, heat content.

- EIA is constantly assessing the national picture to make sure we are aware of important phenomena and drivers.

- EIA updates its survey program to potentially capture new or different data items to show a more complete picture of natural gas markets.
OMB Process Overview

• EIA surveys require authorization from the Office of Management and Budget (OMB) every three years

• Natural gas downstream forms expire January 2021

• EIA posts information about the process and survey forms on its website

• Forms are submitted for OMB approval in Fall 2020

• Public comments requested:
  ❖ 60-Day FRN (June 2020)
  ❖ 30-Day FRN (Fall 2020)
## Overview of Proposed Changes to Natural Gas Surveys

<table>
<thead>
<tr>
<th>Survey</th>
<th>Frequency</th>
<th>Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>EIA-857: <em>Monthly Report of Natural Gas Purchases and Deliveries to Consumers</em></td>
<td>Monthly</td>
<td>No changes</td>
</tr>
<tr>
<td>EIA-176: <em>Annual Report of Natural and Supplemental Gas Supply and Disposition</em></td>
<td>Annual</td>
<td>Begin collecting production and consumption data from producers of biogas and renewable natural gas that deliver gas to end-users.</td>
</tr>
<tr>
<td>EIA-912: <em>Weekly Underground Natural Gas Storage Report</em></td>
<td>Weekly</td>
<td>Begin collecting storage data from active marine terminals that import or export LNG</td>
</tr>
<tr>
<td>EIA-910: <em>Monthly Natural Gas Marketers Survey</em></td>
<td>Monthly</td>
<td>No changes</td>
</tr>
<tr>
<td>EIA-757: <em>Natural Gas Processing Plant Survey</em></td>
<td>Triennial</td>
<td>No changes</td>
</tr>
</tbody>
</table>
Expansion to Form EIA-176, Annual Report of Natural and Supplemental Gas Supply and Disposition

• EIA is considering expanding the scope of the annual consumption survey, the EIA-176, to cover producers of biogas and renewable natural gas (RNG) that deliver natural gas to end-users.

• EIA currently collects RNG consumed by power plants monthly, but it does not collect any data on consumption for vehicle fuel or industrial use.

• EIA will report aggregated state-level aggregates annual publications, and provide detailed data in the EIA-176 query system.

• RNG is growing and many states are implementing policy to promote its growth.

• These data will provide a more complete and accurate picture of renewables in the United States, and inform our analyses and forecasts.
Addition of Form EIA-191L, *Monthly Liquefied Natural Gas Storage Report*

- EIA is considering collecting monthly natural gas storage stocks from aboveground LNG storage facilities.

- LNG exports are growing, and LNG is an important source of supply during the coldest days of winter.

- EIA currently only collects LNG stocks on an annual basis.
Expansion to Form EIA-912, *Weekly Natural Gas Storage Report*

- EIA is considering collecting weekly natural gas storage stocks from the small number of marine terminals that import and/or export LNG.

- LNG exports are increasing, and this would give a more thorough snapshot of how much natural gas is in storage each week.

- Data would remain CIPSEA protected (EIA’s highest level of data confidentiality) and treated as other EIA-912 data.

- EIA would publish aggregated data in the *Weekly Natural Gas Storage Report*, aggregated regionally.
EIA’s Natural Gas Products

**Daily:**
Today in Energy: [https://www.eia.gov/todayinenergy/](https://www.eia.gov/todayinenergy/)
New England Dashboard: [https://www.eia.gov/dashboard/newengland/overview](https://www.eia.gov/dashboard/newengland/overview)
Southern California Dashboard: [https://www.eia.gov/special/disruptions/socal/winter/](https://www.eia.gov/special/disruptions/socal/winter/)

**Weekly:**
Weekly Natural Gas Storage Report: [http://ir.eia.gov/ngs/ngs.html](http://ir.eia.gov/ngs/ngs.html)
Weekly Petroleum Status Report: [https://www.eia.gov/petroleum/supply/weekly/](https://www.eia.gov/petroleum/supply/weekly/)
Natural Gas Weekly Update: [https://www.eia.gov/naturalgas/weekly/](https://www.eia.gov/naturalgas/weekly/)
This Week in Petroleum: [https://www.eia.gov/petroleum/weekly/](https://www.eia.gov/petroleum/weekly/)
Gasoline and Diesel Fuel Update: [https://www.eia.gov/petroleum/gasdiesel/](https://www.eia.gov/petroleum/gasdiesel/)
EIA’s Natural Gas Products

**Monthly:**
Natural Gas Monthly:  https://www.eia.gov/naturalgas/monthly
Short-term Energy Outlook: https://www.eia.gov/outlooks/steo/
Drilling Productivity Report: https://www.eia.gov/petroleum/drilling/
Monthly Energy Review: https://www.eia.gov/totalenergy/data/monthly/

**Annual:**
Natural Gas Annual:  https://www.eia.gov/naturalgas/annual
Annual Energy Outlook: https://www.eia.gov/outlooks/aeo/
International Energy Outlook: https://www.eia.gov/outlooks/ieo/
State Energy Data System:  https://www.eia.gov/state/?sid=US
Thank you for participating!

• Please send any feedback to Michael.Kopalek@eia.gov

• You can view the 60-day FRN here: https://www.eia.gov/survey/frn/naturalgas/FRN-60-Day-NG-April-28-2020.pdf

• You can view all proposed changes to EIA natural gas forms and instructions here: https://www.eia.gov/survey/notice/ngdownstreamforms2020.php

• Note that comments are due by June 29, 2020

• After this 60-Day FRN will be a 30-Day FRN that will include any modifications to the proposed package, and stakeholders will be able to comment on that as well.
Let us answer your questions!

Use the QUESTIONS PANEL on the right side of your screen.

All questions and comments will be recorded.

We expect the recording of the webinar and slides to be available tomorrow for all ABC Members and webinar registrants.

Mike Kopalek
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Thank you!

Don’t forget to fill out our survey after the webinar

Become a member!
  - Receive regulatory and policy intelligence
  - Connect with other biogas and anaerobic digestion leaders
  - Support the industry’s growth and outreach

Thanks for attending!