State Heating Oil and Propane Program

Marcela Rourk
2014 SHOPP Workshop
October 8, 2014  |  Washington, DC
Key Topics

• Expansion of propane data collection
• EIA resources available to States
• Improvements to SHOOPP
What is SHOOPP?

• State Heating Oil and Propane Program (SHOOPP)
  – cooperative data collection effort between EIA and State Energy Offices (SEOs)
  – data used by policymakers, industry analysts, and consumers
  – collects weekly residential heating oil and propane prices at a State level from October through March

• Data collection

• Funding
  – 50/50 cost sharing program
  – 5-year cooperative agreement
SHOPP benefits

• Cost-sharing
  – EIA provides 50% of the total state cost of participation
  – Average state cost for propane collection is $6,000, ranging from $2,000 to $11,000, some of this includes voluntary travel

• Timely information on market conditions in your state
  – LIHEAP, fuel transportation waivers, Jones Act, etc.
  – Helps states respond to consumer and legislative inquires about heating oil and propane prices (EIA receives calls from propane consumers from states that do not participate and are looking for price information)

• Information sharing
  – Weekly status reports during the heating season
  – Direct retailer contact **by states** often provides early insight into market issues
  – SHOPP Conference and annual Winter Heating Fuels Conference
SHOPPP Cycle

- **October** – start of season
- **End of March** – season ends
- **July 1** – funding applications due
- **July 15** – applications submitted to contracting office for review
- **August 1** – applications submitted into STRIPES
- **Late August** – grants awarded, end of season reports due
- **September** – mailouts to respondents and SEOs
Expansion of Propane Data Collection
Major Events in History of SHOPP

1978-79
Beginning of State Heating Oil Program (SHOP)

1985
SHOP data collection expands in response to rise in heating oil prices during 1984

1990-1991
State Heating Oil and Propane Program (SHOPP) mandated by Congress

2000
Northeast Heating Oil Reserve established

2013-14
Propane shortage in Midwest caused sharp price increases

2014
Propane price data collection expands from 24 States to 38 States
Residential Propane States

Petroleum Administration for Defense Districts
Winter Heating Fuels Survey - PADD 1 and 2 represented States

Source: EIA, Heating Oil and Propane Update
Residential propane states 2014-2015 Season

Petroleum Administration for Defense Districts
Winter Heating Fuels Survey — PADD 1, 2, 3, and 4 represented States

New States, 2014
- Alabama
- Arkansas
- Colorado
- Florida
- Georgia
- Illinois
- Idaho
- Kansas
- Mississippi
- Montana
- Oklahoma
- Tennessee
- Texas
- Utah
EIA Resources Available to States
EIA Providing More Heating Fuel Data

• More Detailed Weekly Propane Stock Data – In addition to weekly PADD-level propane stocks, EIA will publish figures for Kansas (Conway hub), Michigan, Ohio, and a 4-state total for MN, WI, IA, and IL.

• Notification to Governors of Low Stock Levels – Pursuant to the Reliable Home Heating Act, EIA will notify state Governors when stocks of heating oil, natural gas, or propane in their PADD fall below the 5-year average for more than 3 weeks.

• Increased Visibility on EIA Website and Targeted Communication with State Officials

• EIA is creating a winter fuels webpage showcasing stock and price data.
EIA’s State Energy Portal gives users detailed portraits of energy production, consumption, and energy prices at the state level.

The State Energy Portal features almost 90 key data series, state Quick Facts, and charts for each state.

State Energy Portal

www.eia.gov/state
Expanding state-based posts on social media

As part of this campaign, EIA will make state-related data more accessible via social media. Many state organizations and agencies use social media as a primary means of communication.

EIA’s Office of Communications is currently highlighting an energy fact for each state every week on our Facebook page (examples below). They will also be creating a central repository where states can go to access any charts, graphs, or images that help tell their state’s energy story.

Marcela Rourk, Washington, DC
October 8, 2014
Information Sharing: Weekly Email Status Reports to SEOs

Promotes communication and information sharing between EIA and State Energy Offices

Examples of topics covered in Weekly Email Status Reports to SEOs:
- Summarize weekly heating fuel activity
- Expectations based on trends
- Data collection techniques
- Alternate reporting schedules due to weather or holidays
- Latest news on industry related events
- NOAA Weather Reports

Chance to share information with other State Energy Offices and EIA
SHOPP Improvements

• Office of Communications will be sending SHOPP participants emails that highlight reports or analysis that may be of interest

• Proposal to SHOPP Group: Monthly SHOPP Conference Call during SHOPP Season starting November 13, 2014
  – December 11, January 15, February 12, March 12

• Updated FAQ’s for data users, SEO’s and respondents
SHOPP Improvements

• Prices reported by large propane retailers
  – most large propane retailers report pricing data directly to EIA from a single source
  – EIA staff are working to determine which prices are most reflective of the non-discounted price paid by the typical consumer
  – working to improve consistency of prices reported among companies

• Creation of new propane sample frame for expansion yielded more up-to-date information on retailers for all states

• Annual analysis of weights used to compute regional and national averages
SHOPP Improvements

• Data collection training recording to be posted on the Heating Oil and Propane Update page

• SEO work on data quality goes a long way toward improving the integrity of our data

• EIA encourages your feedback on ways SHOPP can be improved
For More Information: Data Publications

U.S. Energy Information Administration home page [www.eia.gov](http://www.eia.gov)

This Week in Petroleum (TWIP) [http://www.eia.gov/oog/info/twip/twip.asp](http://www.eia.gov/oog/info/twip/twip.asp)

Heating Oil and Propane Update (HOPU) [http://www.eia.gov/petroleum/heatingoilpropane/](http://www.eia.gov/petroleum/heatingoilpropane/)

FAQs for SEOs: [http://www.eia.gov/petroleum/heatingoilpropane/faq_stateofficials.cfm](http://www.eia.gov/petroleum/heatingoilpropane/faq_stateofficials.cfm)


Short-Term Energy Outlook (STEO) [http://www.eia.gov/forecasts/steo/](http://www.eia.gov/forecasts/steo/)

---

Douglas MacIntyre
Director, Office of Petroleum and Biofuels Statistics
Douglas.MacIntyre@eia.gov

State Heating Oil & Propane Program
EIA-877: Survey Manager
Marcela Rourk
Marcela.Rourk@eia.gov
(202) 586-4412

---

Marcela Rourk, Washington, DC
October 8, 2014