



Vectren Corporation

One Vectren Square

Evansville, IN 47708

February 4, 2015

Jane Steinhauer
Director, Natural Gas Division
Indiana Utility Regulatory Commission
PNC Center
101 West Washington, Suite 1500 East
Indianapolis, IN 46204

Re: Vectren North School Safety Education Report for 2014

Dear Ms. Steinhauer:

As required by the Settlement Agreement approved by the Commission in Cause No. 43298, Indiana Gas Company, Inc. d/b/a Vectren Energy Delivery of Indiana, Inc. (Vectren North) hereby provides to the Commission a report on its school safety education program activities completed in 2014. Also included are examples of the materials used in the program.

Vectren North is also providing a copy of the report and materials to the Indiana Office of Consumer Counselor.

Please contact me if you have questions. Thank you.

Sincerely,

A handwritten signature in black ink that reads "Shawn M. Kelly". The signature is written in a cursive, flowing style.

Shawn M. Kelly

cc: Leja Courter, Indiana Office of Utility Consumer Counselor
Robert E. Heidorn
Scott E. Albertson
K. Chase Kelley

**Vectren Energy Delivery of Indiana–North Annual
Safety Communication Report
2014**



Natural gas safety education program



Program Implementation

In partnership with the National Energy Foundation (NEF), Vectren presented Energy Safe Kids, a school safety education program that reached 7,400 fourth-grade students at 98 different schools through 130 presentations in the Vectren North service territory. Of those schools, 12 were new to the program. In 2013, the program reached 7,900 students at 104 different schools through 130 presentations in the Vectren North service territory.

The Energy Safe Kids program was implemented in the following manner:

1. With Vectren's assistance, NEF identified and targeted key communities and their elementary and/or intermediate schools to receive the program. NEF and Vectren contacted schools throughout the Vectren North service territory in the spring, inviting more than 700 fourth-grade teachers at 400 schools and scheduled school presentations on a voluntary basis. All presentations were filled from the spring contact and 31 schools were on the waiting list and will get first option for the 2015 program.
2. Energy Safe Kids materials included:
 - The classroom presentation (Exhibit 1);
 - Student take home booklet – Redesigned in 2013 (Exhibit 2)
 - Natural gas safety at home poster (see page 5 graphic)
 - Natural gas instructional poster (see page 5 graphic)
 - Natural gas scratch 'n' sniff stickers
3. Each school was visited by an Energy Safe Kids implementation team consisting of two qualified NEF facilitator/instructors as well as a Vectren representative when available. Energy Safe Kids implementation teams made one or two 45-minute to one-hour presentation for a typical group of students (between 50 and 90 students) and teachers at each participating school facility. If there were more than three classrooms per grade at a particular school, the presentation was broken into two separate presentations. Each presentation included an introduction, acknowledgment of Vectren, instruction on energy basics, an introduction to the Energy Safe Kids concepts, a science experiment demonstrating how natural gas is made, and a natural gas-related learning activity, Safety Sense, focused on the unique properties of natural gas and safety tips.
4. All participants were encouraged to complete a Household Energy Safety Report Card in which students were asked to conduct an "audit" on natural gas safety at home (Exhibit 3). The "report card" survey was on a Scantron form. Each student who completed the report card received a personal flashing safety reflector and was entered to win one of six Kindle® Fire HDs. Each teacher who returned at least 80% of their students' report cards received a \$50 incentive. Smaller incentives were also available for percentages below 80. In total, 93% of all teachers received a mini grant. In 2014, 83% of all report card surveys were returned. This is up from only 83% in 2013. Results of these report cards/surveys are on page 6 in the Program Goals/Evaluation portion of this report.
5. Teachers were encouraged to work with their classes to participate in the video contest (Exhibit 4). The contest involved the creation of a short video themed *You Can Be an Energy Safe Kid, Too!*. Videos were uploaded to YouTube™ and

Safety Education Micro-website

In working with the Indiana University Purdue University Indianapolis Office of Research Administration, Vectren launched its micro-site www.vectren.com/energysafekids in 2009. The site contains two flash-based games (the main draw to the site) as well as educational resources on gas safety geared toward a grade school audience, their parents, and educators serving as a hands-on, interactive extension of classroom exercises. This site is fully paid for and all changes and updates are now managed internally via Vectren staff.

Micro website:

Developed within WordPress, the site follows the general aesthetic of the developed games. Besides residing as a platform to showcase the developed games, the site contains activities that educate viewers on natural gas safety. The site includes:

- 1.) a safety report card;
- 2.) natural gas safety fun facts;
- 3.) a glossary of terms;
- 4.) at-home activities, homework, parent information/activities;
- 5.) information on how to request a presentation;
- 6.) resources for educators; and
- 7.) video contest winners from 2014
(<http://www.vectrenenergysafe.com/teachers/youtube>).

Meeting Indiana Academic Standards

NEF energy safety education programs are typically able to meet state academic standards in at least two areas. Because Indiana's state Science academic standards are currently being revised, NEF looked to the Indiana Health and Wellness standards for possible correlations, and the match with Energy Safe Kids is excellent. The target grade range for this program is fourth with a possibility of extending to the third and fifth grades in limited instances, and in all three of these grades, there are multiple places in the standards where energy safety clearly helps teachers meet the requirement of teaching to the standards.

Program Goals/Evaluation

Safety Report Card results:

The Household Energy Safety Report Card explained above in program implementation served to gauge program effectiveness (Exhibit 3). There were more than 6,100 respondents – 83% of all forms were returned. The majority of respondents were following proper natural gas safety precautions, such as 81% of respondents know to call before they dig, 90% know not to play or tamper with natural gas equipment and 90% know what to do if they smell natural gas. (Exhibit 3 features all results)

Teacher evaluation:

All participating teachers were given an evaluation form to provide feedback on the safety education presentation made at their school. Below are responses to one of the questions: What would you tell other teachers about this program?

- *It is a great way to help kids be safe and smart. A very engaging program.*
- *Great way to raise student awareness about natural gas & energy sources.*
- *It's a fantastic program! Covers many state standards.*
- *It's a very interactive and educational program that I highly recommend.*
- *Hits standards in Science and Social Studies - \$50!*
- *Contact Vectren, do this program, great info for kids AND adults.*
- *Great presentation. Alerts children to be proactive in their own home with family safety.*
- *Very informative – Presenters were well-prepared and knowledgeable.*
- *The presenters were enthusiastic, knowledgeable, students were engaged.*
- *Great info for our rural area where many students have natural gas heated homes, and the program keeps students involved, too!*
- *Very organized and informative! Age appropriate!*
- *Make sure they participate in the fall, at the same time as our Foss kit.*

Program Cost



As a non-profit organization, NEF prices services and materials to recover actual costs. Each aspect of this project was carefully budgeted. NEF's price included all program development, training/presentation labor, training/presentation, NEF instructional materials, contest administration, graphic design and illustration, mailing and distribution, printing, project accounting and other general administrative costs.

The cost for the program included a base administrative cost to cover program planning and design, development of an original Vectren-specific school presentation and PowerPoint, presentation scheduling and promotion, planning travel expenses, database set-up and management, accounting and reporting. Given the unpredictability of being able to reach more than 130 unique school groups prior to December 31, 2014, there was a variable cost to the program charged per school group presentation, which included all labor for two NEF instructors, overhead, travel and instructional materials.

There was also an additional cost for providing a student flashing safety reflector incentive for each student completing the report card; following up with teachers to maximize the number of report cards that are ultimately submitted; providing a \$50 gift certificate/stipend to all teachers who submit at least 80% of report cards provided to their students and finally processing, summarizing and reporting data from the report cards to Vectren. NEF has been able to hold pricing the stable for the last three years.

Total Energy Safe Kids program cost summary is as follows:

Description of Expenses	Total \$
Basic program cost	\$13,243
Presentations	\$164,450
Miscellaneous; pencils, folders, iPad giveaway, travel	\$5,113
Therm mascot costume	\$11,517
Video/Audio contest prizes	\$1,000
Total Expenses	\$195,323

- Sponsor: **Vectren**
- Where to use this presentation: **IN & OH IN-central and southeastern areas, OH-Dayton area**
- Job Code: **Vectren ESK**
- Uniform: **NEF shirt (solid shirt layer option) and nice pants**
- Color-changing pencils and other items for the whole class will **ONLY** be given out if a Vectren employee is present, otherwise do not mention that there is something for the whole class.



A THINK! ENERGY program of National Energy Foundation.

Energy Safety Program Brought to You by Vectren





THINK!






TALK!


ENERGY SAFE KIDS **VECTREN**
Live Smart

Energy Sources


1. Nonrenewable:
fossil fuels - coal,
natural gas, oil
2. Renewable:
wind, landfill gas,
solar, hydro, ethanol




Vectren




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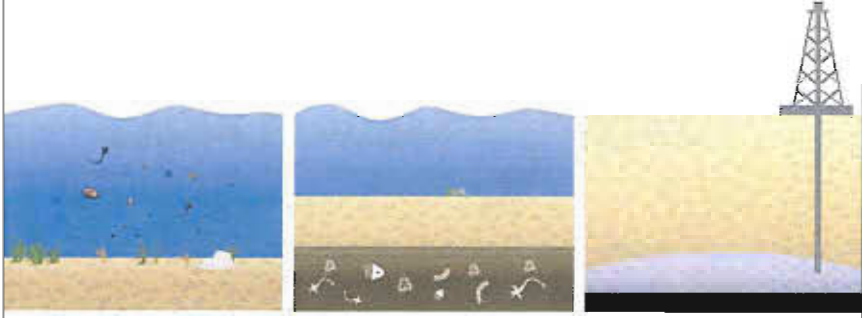


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Natural Gas


What is natural gas?

It is a fossil fuel.




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Properties of Natural Gas



Its state of matter
is a gas.

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How Do We Use Natural Gas?



Cleaner Hotter Brighter Reliable

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Natural Gas Safety

Play It Safe Inside

Never inspect natural gas appliances without an adult's supervision.



- ✓ Keep areas around furnace and water heater clutter-free.
- ✗ Do not store flammable or combustible materials near any gas appliances.
- ✓ Have natural gas appliances maintained and inspected.



ENERGY SAFE KIDS **VECTREN**
Live Smart

Keep the area clean!



ENERGY SAFE KIDS **VECTREN**
Live Smart



Natural Gas Safety:

Play It Safe Outside





- ✗ Do not play around natural gas equipment.
- ✓ Be pipeline aware.





 



What To Do If You Suspect a Natural Gas Leak:

- ✓ **DO** leave the area immediately.
- ✓ **DO** tell an adult right away.
- ✓ **DO** go to a safe area, call 911 and Vectren at 800-227-1376.


If you smell gas, move your feet and call 911 or Vectren when you are safely down the street.





 

What Not To Do If You Suspect a Natural Gas Leak:

✗ **Do not** do anything that may create a spark.



- ✗ **Do not** try to repair the pipe or stop the leak.
- ✗ **Do not** return until Vectren employees say it is safe.


 

Carbon monoxide is a poisonous gas.

There is **NO** odor.

Signs of CO poisoning:
Headache, dizzy, drowsy, etc.

What to do if you suspect CO poisoning:
GET OUT and TELL AN ADULT!







You can smell this chemical Vectren adds to natural gas to give it a rotten egg odor.





20%

Mercaptan






True or False –
If you see paper, paint, or boxes near your furnace, you or an adult should move them.





40%

True



You Can Be an Energy Safe Kid!



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Live Smart

NATURAL GAS SAFETY

www.vectren.com/energysafekids



ENERGY **SAFE** KIDS



VECTREN
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ABOUT NATURAL GAS

Natural gas is a very clean, safe energy source when properly and safely used. However, like all sources of energy, it has certain characteristics that make it potentially dangerous. It is important that you and your parents know how to safely use natural gas and care for natural gas appliances.

SAFETY TIPS

to keep handy

ENERGY SAFE KIDS is a THINK! ENERGY program of National Energy Foundation.

ENERGY SAFE KIDS AND NATURAL GAS SAFETY CROSSWORD

Using the clues below, complete the crossword puzzle to learn ways to use natural gas safely.

ACROSS

- A chemical odorant added to natural gas.
- Natural gas burns a _____ color.
- Call 811 before you _____.
- Flags and markers show where underground pipelines are _____.
- The _____ _____ measures the amount of natural gas use in your home.

DOWN

- A clean, efficient form of energy is _____.
- Keep the area around your furnace _____ and clutter free.
- Underground pipes carry natural gas to your _____.
- If you suspect a natural gas leak, you should _____ the area immediately.
- Never store aerosols, paints or other combustible _____ around your furnace.

WORD LIST

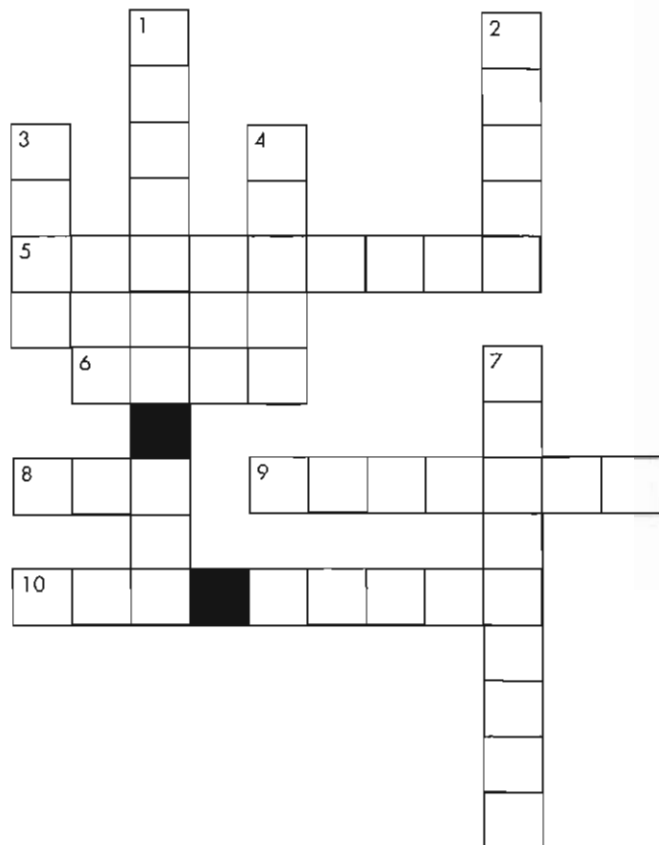
blue	leave
clean	located
dig	materials
gas meter	mercaptan
home	natural gas



ENERGY SAFE KIDS

www.vectren.com/energysafekids

- Learn about natural gas safety!
- Play the fun, interactive *Therm Fixes Space* game!
- Watch classroom submitted **Energy Safe Kids** videos to see how other kids play it safe around natural gas.





Natural gas safety education program

**Exhibit 3
Household Energy Safety
Report Card and Results**

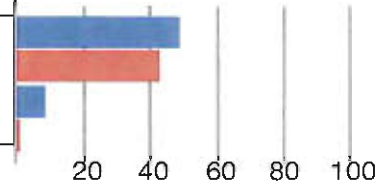
Summary of Household Safety Scan Forms - North



Vectren NG North for ESK Program Household Safety Scan Form Report

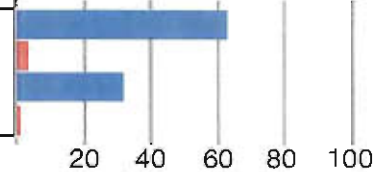
What type of energy is used to heat your home?

Response	Frequency	Percent
Natural gas	2,972	48.3%
Electricity	2,588	42.1%
Other	533	8.7%
No response	56	0.9%



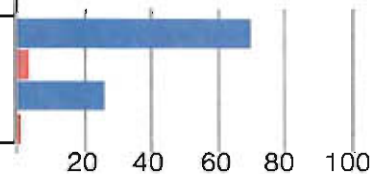
Is the pilot light flame and/or gas range flame steady, blue and clean (free from excessive ash or soot around pilot light opening or air ducts) – indicating your natural gas furnace and/or gas appliance is working correctly and not giving off harmful fumes?

Response	Frequency	Percent
Yes	3,875	63.0%
No	213	3.5%
Not Applicable	1,987	32.3%
No response	74	1.2%



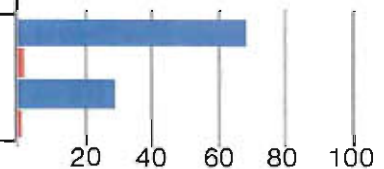
Is there at least 18 inches of clearance around your natural gas furnace and water heater?

Response	Frequency	Percent
Yes	4,256	69.2%
No	213	3.5%
Not Applicable	1,600	26.0%
No response	80	1.3%



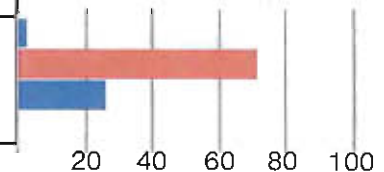
Are natural gas appliance vents and flues kept clean and in good condition?

Response	Frequency	Percent
Yes	4,198	68.3%
No	113	1.8%
Not Applicable	1,789	29.1%
No response	49	0.8%

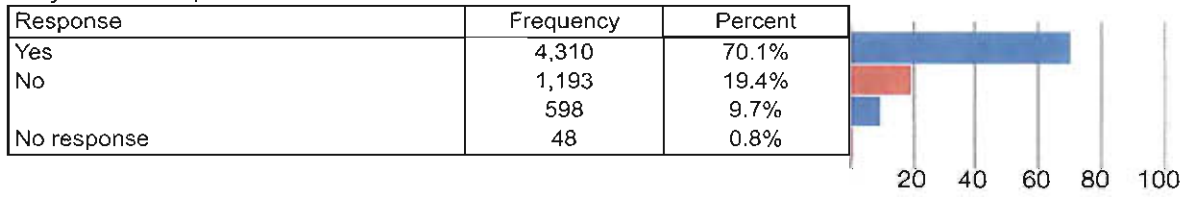


Do you store clutter, such as cardboard boxes, laundry, etc., around the base of natural gas appliances, restricting oxygen flow?

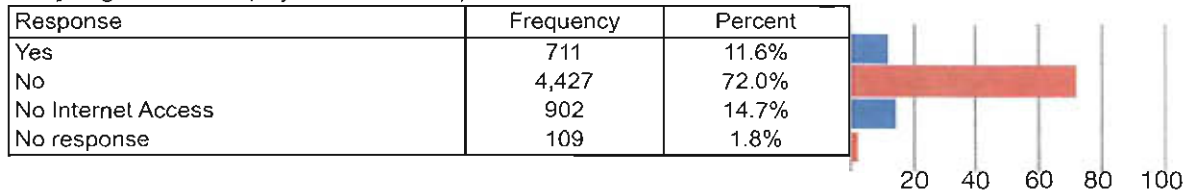
Response	Frequency	Percent
Yes	173	2.8%
No	4,351	70.8%
Not Applicable	1,581	25.7%
No response	44	0.7%



Do you have the phone number 800-227-1376 to call Vectren?



Did you go online and play "Therm Fixes Space"?





ENERGY
SAFE
KIDS



VECTREN
Live Smart



You Can Be An Energy Safe Kid, Too!

VIDEO CONTEST

It's your chance to be a movie producer!

Work with your class to create a 90-second video which applies both the concepts from Vectren's ENERGY SAFE KIDS classroom presentation and Vectren's ENERGY SAFE KIDS website to educate other kids regarding natural gas and/or electric safety.

2013 Video Contest Winner

How to enter:

Step 1

Create your class video!

Step 2

Upload your class video to YouTube™. Copy the embed code from YouTube™ and e-mail it along with the entry form and consent forms to livesmart@vectren.com!

Step 3

If you entered the video contest, have your students tell all of their friends and family to check out the video online at www.vectren.com/energysafekids!



Ms. Watters' 4th grade class from Eaton Elementary School in Eaton, Ind., claimed 1st prize in 2013.

See the video online at www.vectren.com/energysafekids.

Your class could win:

1st Prize

\$1,000 classroom grant

2nd Prize

\$750 classroom grant

3rd Prize

\$500 classroom grant

Most Creative

\$350 classroom grant

Deadline for entry is December 12, 2014.

For complete details regarding the contest, prizes and eligibility, visit www.vectren.com/energysafekids.