

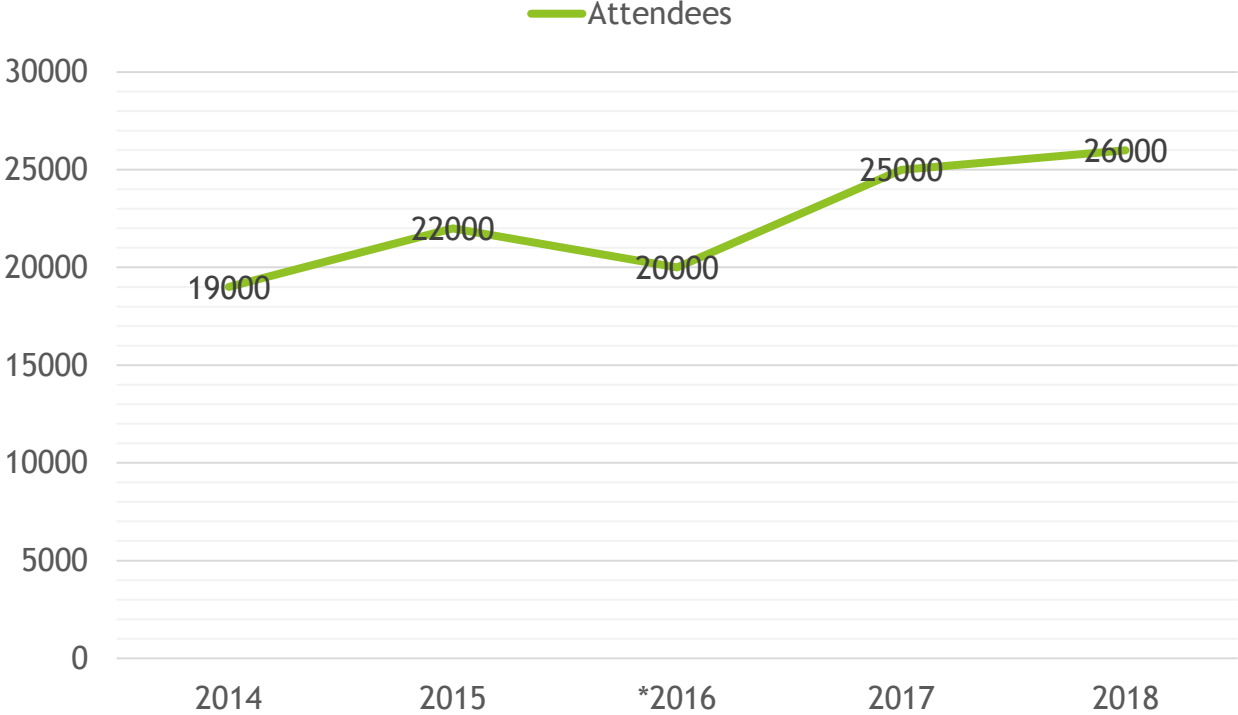
# ENERGY EXPO STATS

at the 68<sup>th</sup> Annual Home Show  
April 5<sup>TH</sup> - 8<sup>TH</sup> 2018 | RI Convention Center



# The Stats

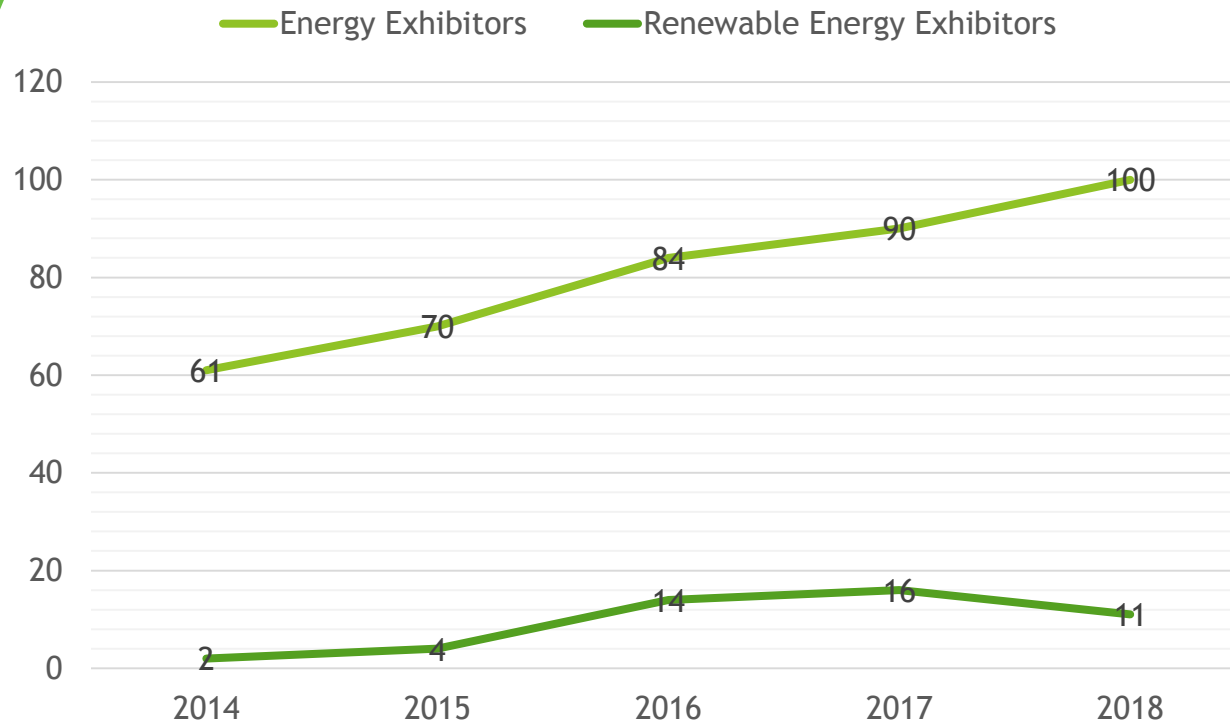
## Show Attendees



\* 2016 Lower attendance due to snow on Sunday

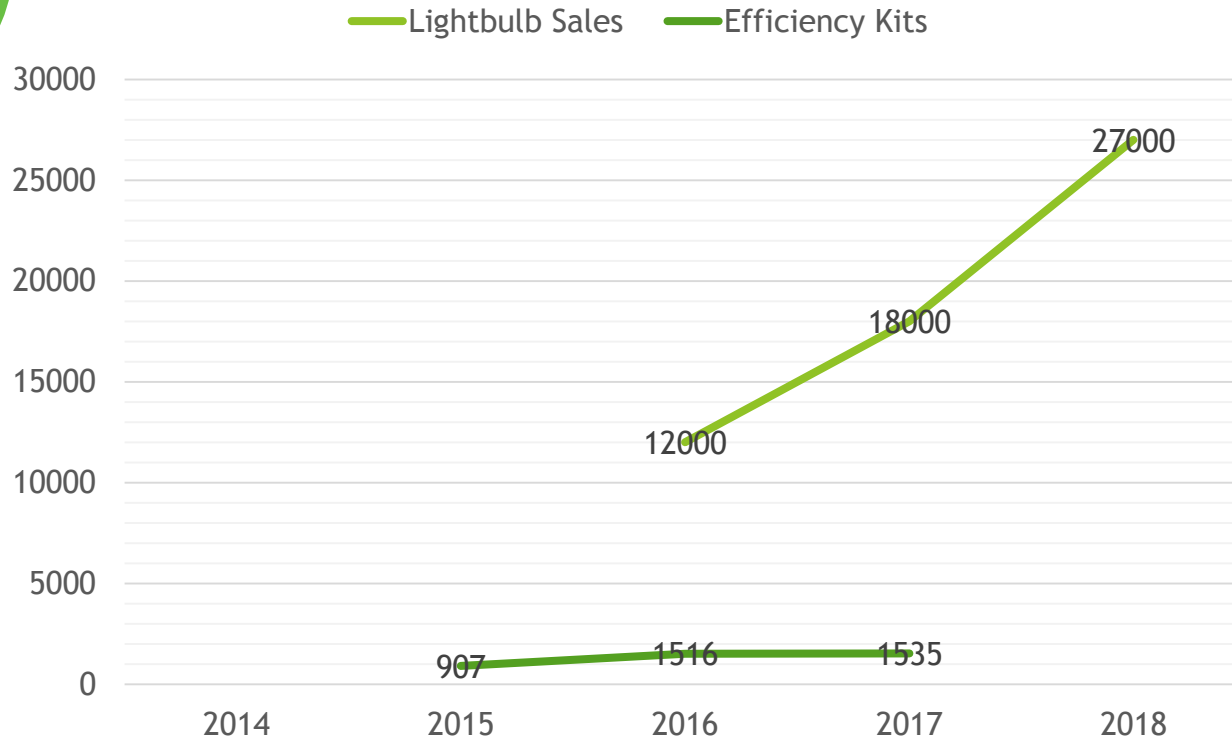
# The Stats

## Energy and Renewable Exhibitors



# The Stats

## Energy Expo Signups & Sales Lightbulbs and Efficiency Kit Sales

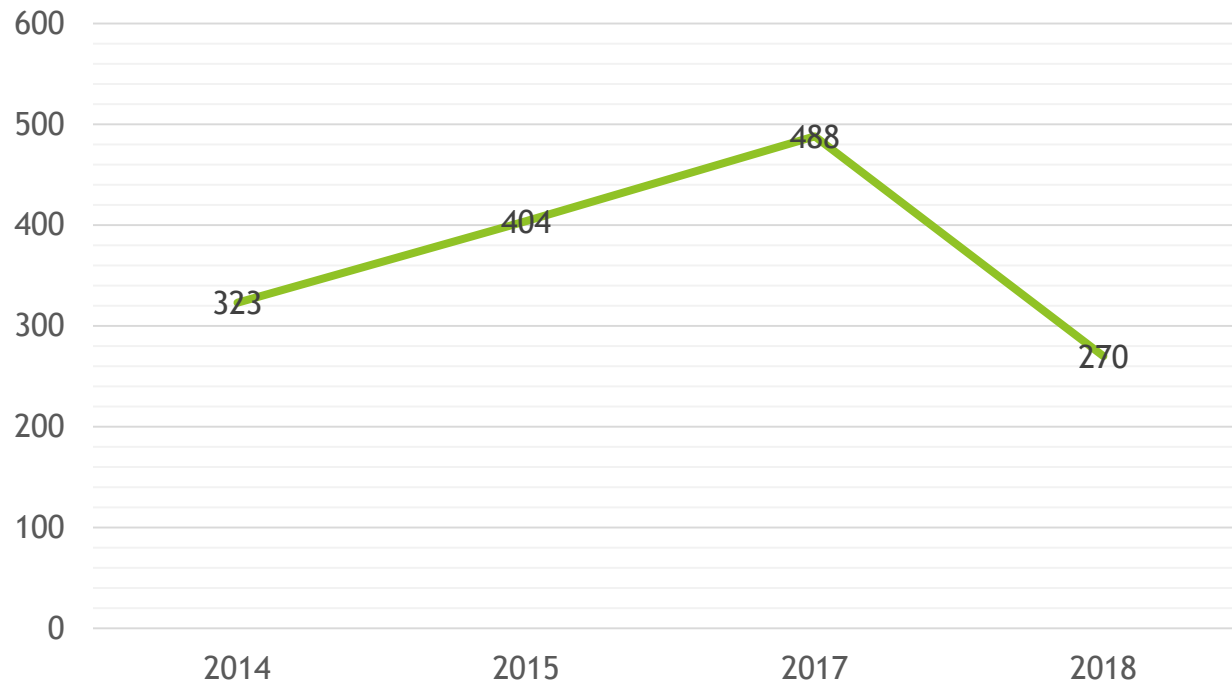


# The Stats

## Energy Expo Signups & Sales

### Energy Audits

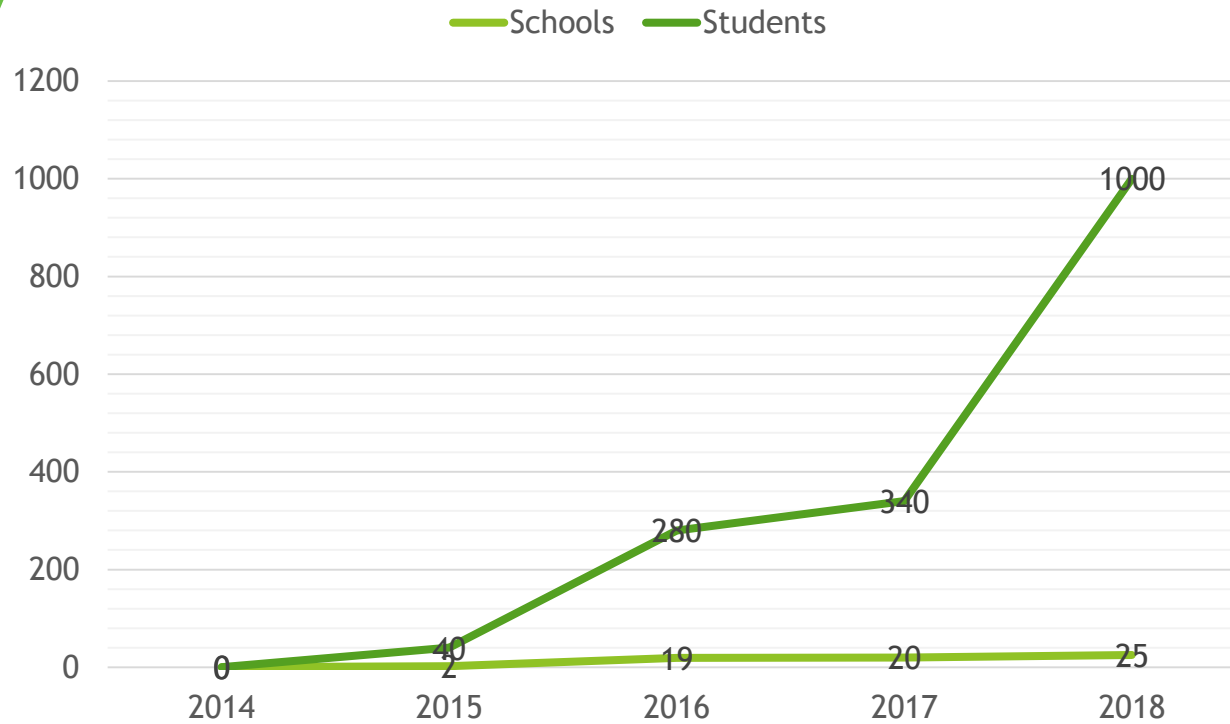
— Energy Audits



\*2016 data of 688 is possibly inflated due to the raw # sign up cards...which all don't actually follow through. This number is questionable compared to 2015 and 2017 and has been left off the chart.

# The Stats

## Work-Based Applied Learning Schools and Student Involvement





## Timeline of Industry/Education Feedback

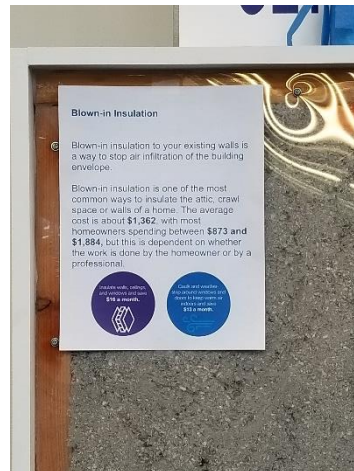
**2014** Energy introduced to RIBA Industry Board as main subject for RI Home Show

**2018** RIBA Industry Board embraces ENERGY concepts, contractor education on ENERGY issues, ENERGY as part of CTE, and full support of outreach programs

Industry &  
RIDE  
Feedback

## Student Work-Based Learning Approved Curriculum Work-Based Learning & Career Exploration

**2018** The student and school participation building features and educating consumers along with industry partners has been adopted by RIDE (Rhode Island Department of Education) as an approved work-based learning and career exploration curriculum to satisfy internship/career exploration requirements for graduation







## Vignettes

# Student Built Vignettes

## Work-Based Learning & Career Exploration

### 1 Hot water heater vs. Hybrid Hot water tank

- Stats and understanding of the energy efficiency in using on demand systems vs. hot water tanks.

### 2 Window A/C's vs. a Mini split

- Display to include Actual Window and a Mini Split system installed and operating. Will also include an Amp Meter system to show the wattage usage

### 3 Spray foam insulated walls vs. reg insulation

- This will be a display with open framing and finished walls demonstrating the 2 types of insulation and their energy efficiency even the floor will have half carpet and half rough plywood all at a 45% angle

### 4 Insulated receptacles/switches/and recessed lights vs. non insulated.

This display will have a blower system behind the wall with ribbons hanging from the lights etc. to show how the ribbons wind move simulating a draft in the non-insulated boxes vs. the insulated ones

### 5 Old Electric Dryer vs. Energy Star Electric

- This display will have a tile floor . A shelf and cabinet over the dryers to simulate a laundry room with the stats and differences vs. both types



## Vignettes

# Student Built Vignettes

## Work-Based Learning & Career Exploration

### 6 Old Fridge with dirty coils and fans vs. a new Energy Star Fridge

- We will have a new Energy Star fridge and Old fridge with amp meter to see the wattage usage and info/Stats to explain

### 7 Regular door vs. having a storm door also

- Back will be designed like the exterior of a home with 2 doors, 1 with a storm door and 1 without. Floor will be Cement Pavers to simulate a front step/patio

### 8 Wi-Fi thermostats vs. traditional

- Display showing benefits and features of having Wireless thermostats  
Potential to have a small furnace to demonstrate how easy to activate on and off

### 9 Led lighting vs. regular bulbs.

- Voltage meter to show the wattage use difference. Info and stats board and lit up

### 10 Blower Door Display that will be active.

- Info/Stats to show why it is done and the impact it has on efficiency

### 11 Power strips

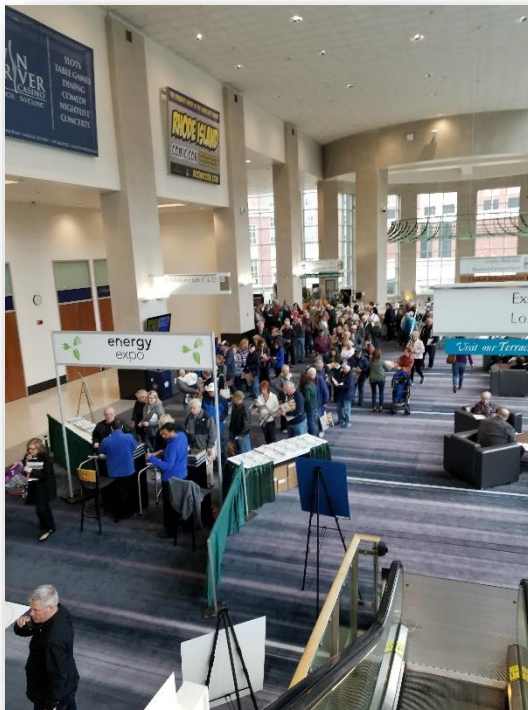
- Demonstrating the new power strips on display at the energy hub with lamps/TV/ETC showing the effects of items not running but being plugged in vs. the new strip system.

**2018 ENERGY EXPO**  
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# 2018 ENERGY EXPO

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Estimated Goals  
Obtained!

- 200,000** Person reach with messaging
- 25,000** Show attendees
- 20+** Career & Tech Programs involved
- 100** Related ENERGY exhibitors

**Track economic result of ENERGY EXPO**  
**With custom ENERGY survey**

## 2019 Proposal



2019  
Marketing

- ✓ **Entire concourse is ENERGY with concentrated messaging**  
in an agreed upon area
- ✓ **Coordinated messaging with National Grid**  
On State incentive programs, home energy assessments  
or other targets/programs

Student projects / marketing themes / targeted programs  
TBD in summer planning sessions with OER and NGRID

*Continued...*



2019  
Marketing

## Show Management

- ✓ **Fully MANAGED by RIBA** - The ENERGY EXPO is a concept started by the EERMC that is now put together jointly with the building industry for consumer and outreach purposes. RIBA will continue to coordinate the show content and marketing with OER and National Grid.

THANK  
YOU!

THE RHODE ISLAND BUILDERS  
ASSOCIATION & STUDENTS

THANK  
YOU!