

## **Next Chapter Meeting March 12, 2015**

**Speakers:** Mr. Doug Concialdi  
Mr. Eric Skiba

**Topic:** Solar Hot Water Systems and  
Energy Efficiency in Breweries

**Joint:** ASHRAE/ASPE Meeting

**Location:** Two Roads Brewing Company  
1700 Stratford Avenue  
Stratford, CT 06115

**Time:** 5:00-6:45pm – Tour of Brewery  
6:45-8:30pm - Presentation

**Cost:** \$35 per person member cost  
\$40 per person at the door and non-  
members

**RSVP:** <http://ctashrae.org/meetinginfo>

### **INSIDE THIS ISSUE**

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## **President's Message**

*Nicole Parker, CT ASPE President*

HAPPY ST. PATRICK'S DAY



We are into March and it seems like Spring is nowhere in sight! We have sprung ahead and will be seeing more daylight hours and hopefully lots of sunshine to melt all the snow away.

Just a reminder that we are having a joint meeting with ASHRAE this THURSDAY March 12, 2015. It is being held at Two Roads Brewery in Stratford, CT. There is a Technical Session from 5:00-6:00, then a tour of the Brewery and then Dinner Session from 6:45 – 8:30 on Thermal Solar System Design and Application. Information and registration can be found online at [ctashrae.org](http://ctashrae.org). There are only 24 spots left so register NOW!!!

There will be NO regular meeting at the Baci Grill this month. We will be back to regular schedule in April.

### **CTASPE Chapter News**

#### **Tabletop Presenters!!!**

We are in search of interested vendors that would be interested in tabletop presentations, will be charging a \$100 fee for those who wish to present a tabletop of their products at the meeting. The money for these tabletops will help keep the cost of the monthly meetings at the low \$30 cost per person. I look forward to having many tabletops at our monthly meetings! If you wish to be a tabletop presenter, please contact either myself at [nparker@lindgrensharples.com](mailto:nparker@lindgrensharples.com) or Anthony Carosielli at [acarosielli@silverpetrucelli.com](mailto:acarosielli@silverpetrucelli.com).

## **For The Future Meetings**

### **Sponsorship**

If there is anyone interested in sponsoring any of the monthly meetings the cost would be \$600. This would give the members an opportunity to come to the meeting free of charge. Again if you are interested please contact either myself at [nparker@lindgrensharples.com](mailto:nparker@lindgrensharples.com) or Anthony Carosielli at [acarosielli@silverpetrucelli.com](mailto:acarosielli@silverpetrucelli.com).

### **Proof of Attendance**

I would like to mention to all of the CPD's in the chapter to be sure to sign in at every meeting. They are auditing more people each year and it is a pain to scramble to collect all the proof of your credits, trust me I got audited this past year. We will not be publishing in the newsletter the list of attendees, so please ask for a Certificate of Attendance if you need one. Also, if the course is a CEU accredited course you MUST sign in and out of the meeting. I will be keeping track of all of the attendance records so if anyone needs proof please contact me.

Note: For our Inspector friends attending the monthly meetings, you need to be sure to sign in as well and I can email you a Certificate of Attendance.

### **CTASPE Membership**

As of March 2015, The Connecticut Chapter's membership is 43. Our membership breakdown is as follows:

|                               | <b>March'15</b> | <b>Nov 2014</b> |
|-------------------------------|-----------------|-----------------|
| Full Members:                 | 31              | 32              |
| Associated Members:           | 1               | 1               |
| Affiliate Members:            | 11              | 10              |
| Government Members:           | 0               | 0               |
| Special Members:              | 1               | 1               |
| Student Members:              | 0               | 0               |
| <b>Total Chapter Members:</b> | <b>44</b>       | <b>43</b>       |

Let's try and recruit some new members and get our numbers back up. My goal as the President is to get our membership numbers back into the 50's.

### **New Members**

If you are a new member of ASPE, the Connecticut chapter would like to welcome you and invite you to attend your first chapter meeting on us. All new society members will have their first chapter dinner paid for by the local chapter as a "Welcome to the Society". All you need to do is attend your first meeting and let one of the Chapter officers know, and we'll take care of the rest. Hope to see you at the next meeting.

### **Chapter Treasury**

The Chapter is in fair shape for our size. We need to make an effort to become in the plus each month instead of in the negative. Although we are struggling somewhat, I am proud to report that the Chapter is still able to remain self-sufficient. I would like to say "Thank You" to all of the Chapter's members and our Affiliates for their continued

## **National News**

### **Earn your CPD certification this spring**

ASPE's [Certified in Plumbing Design](#) program recognizes outstanding professionals with advanced skills in the design and specification of plumbing systems. To earn the privilege of proudly displaying CPD after your name, [register for this year's exam](#), which is being held at testing sites across the country on April 9 and 10. **The registration deadline is March 12.** New this year: the CPD exam will be open book. Candidates may bring up to six manuals or books into the testing center. Email [certification@aspe.org](mailto:certification@aspe.org) for more information.

### **New online recertification announced for CPDs**

You can now submit your CPD recertification form and pay the renewal fee online at your convenience. Just go to [aspe.org/cpdrecertapp](http://aspe.org/cpdrecertapp) to complete the online form prior to your renewal expiration date. Members, be sure to [log in](#) to receive the member recertification price.

### **Supplement your studies for the CPD exam with ASPE's webinar series**

This [four-part series](#) will help exam takers prepare by discussing the five task segments involved in a plumbing engineer's job dimensions--gathering information, administration, design, specifications, and construction services--from which all 100 exam questions are derived. Each webinar includes sample questions as well as insight on how to best prepare to pass the exam. Registration for the series is open until March 12.

### **ASPE Executive Director to participate in World Plumbing Day event in London**

Billy Smith, FASPE, ASPE's new Executive Director/CEO, has been invited to be a speaker at next week's **World Plumbing Day Conference** in London, organized by the Royal Society for Public Health and the Worshipful Company of Plumbers. The topic of his presentation will be "Hot or Cold: Finding the Balance Between the Control of Legionnaires' Disease and the Prevention of Scalding."

### **New sustainable management standard published**

ASPE is pleased to announce that WQA/ASPE/ANSI S-801 (2015): *Sustainable Management* has been approved as an American National Standard and is available for download at [aspe.org](http://aspe.org). S-801 can be used to evaluate a company's sustainability-related governance and management practices at the corporate and production facility levels. It is a prerequisite for certification to WQA's two sustainability-related product standards.

### **ASPE seeks volunteers to serve on Membership Committee**

ASPE's Membership Committee is looking for volunteers to help develop new ideas and fresh initiatives to improve membership growth and retention. The effort requires between one and three hours per month to kick around ideas and develop proposals via conference call. Individual work assignments will be at each member's pace. Candidates should have some experience at the Chapter level with membership. Two members from each region will be selected, and at-large members are also welcome to apply. Email Membership Committee Chair [Vincent Falkowski, PE, PMP, CCM](mailto:Vincent.Falkowski@PE.PMP.CCM) at [aspeivpm@gmail.com](mailto:aspeivpm@gmail.com) for more information.

### **Need some quick CEUs?**

FREE for ASPE members, the Read, Learn, Earn program, <https://aspe.org/content/read-learn-earn> provides 0.1 CEU per every successfully completed test. Just read the article and take the accompanying exam, and you will be instantly awarded CEUs if you pass.

## **Joint Meeting with CT ASPE!**

**First come, first serve: Limited to 75 registrants!**

**Technical Session: 5:00-6:45**

### **Two Roads Brewery Tour**

Tour will include walk through the mechanical processes involved with their brewery operations. Systems that will covered are refrigeration, thermal solar and plumbing, bottling, canning, and viewing the PLC automation system required to make the entire operation possible as well as highly energy efficient.

**Technical Session Speaker- Doug Concialdi, 2 Roads Brewery**

**Dinner Session: 6:45-8:30**

### **Solar Hot Water Systems and Energy Efficiency in Breweries**

This informative session will cover the operation, performance, and design of solar hot water heating equipment as well as energy efficiency in breweries. The session will focus on the strategies used during the implementation of the solar water heating system for process heating at the Two Roads brewery including design considerations, control strategies and frequently reference how these topics can be translated to other products and technologies. The solar hot water system installed on the brewery in 2014 is one of the largest of such systems in the state of Connecticut.

### **Dinner Session Speaker- Eric Skiba, Steven Winter Associates**

Eric Skiba is an Energy Engineer with Steven Winter Associates located in New York, NY. Previously Eric spent 6 years working for Apricus, a global solar hot water manufacturer, focusing on the engineering and development of commercial solar thermal projects. Eric holds a mechanical engineering degree from the University of Vermont and is actively involved in renewable energy and energy efficiency projects.

### **Tickets**

\$35.00 Connecticut ASHRAE Member Ticket (advance registration)  
\$40.00 Connecticut ASHRAE Member Ticket (at the door)  
\$40.00 Nonmember (Guest) (advance registration)  
\$45.00 Nonmember (Guest) (at the door)  
\$8.00 Student Nonmember Ticket (advance registration)  
\$10.00 Student Nonmember Ticket (at the door)  
\$35.00 CT ASPE Member (advance registration)  
\$40.00 CT ASPE Member (at the door)

## **Meeting Minutes**

Meeting Minutes

Place of meeting: Baci Grill Cromwell, CT

Date and time: January 28, 2015 @ 6:30 PM

Attendees: 19

### **Proceedings:**

1. President Nicole Parker welcomed everyone to the Connecticut ASPE chapter January 2014 meeting.
2. President Nicole Parker announced that we have received a dues rebate payment from National.
3. President Nicole Parker announced the appointment of William Smith as the new ASPE Executive Director / CEO. Nicole asked the guest presenter Vince Scriboni who sits on the ASPE Board of Directors as Vice President, Affiliate to take a moment and speak to Chapter about the new development.
4. President Nicole Parker discussed the new things that Board would like to implicate to try and bring in revenue: raffles, 50/50, possibility of donations from vendors.
5. President Nicole Parker introduced discussed the need to get in tabletop presenters.
6. President Nicole Parker introduced Vince Scriboni.
7. President Nicole Parker thanked Vince for his presentation.
8. Meeting adjourned 8:30 pm.

We believe the above to be an accurate representation of the events of the evening. Should any corrections be warranted, please notify within 48 hours of receipt.

By: Nicole M. Parker  
President

**If you are interested in presenting at a CT ASPE Chapter Meeting please contact:**

### **Vice President Technical:**

**Anthony Carosielli III**

Silver/Petrucelli + Associates

3190 Whitney Avenue

Hamden, CT 06518

(203)230-9007 x248

[acarosielli@silverpetrucelli.com](mailto:acarosielli@silverpetrucelli.com)

# Mohegan Sun Meets Competition With New \$120M Hotel

Hartford Courant  
Kenneth Gosselin  
March 6, 2015

MONTVILLE — Mohegan Sun will begin construction on a second, \$120 million hotel later this month as the casino and entertainment attraction seeks to fend off intensifying regional competition.

"We are all aware of the impacts of Massachusetts and New York gaming on our facility and our future here at Mohegan Sun," Kevin "Red Eagle" Brown, chairman of the Mohegan Tribal Council, said Thursday at a press conference on the new hotel. "When you're in a fight, you don't stand still. We're in a fight, and we're not standing still."

Without a second hotel, Mohegan is losing bookings for nearly 500,000 room-nights a year, Brown said. Room-nights are calculated by multiplying rooms by the number of nights they are booked.

"Competition or no competition, we will fill this 400-room hotel with a fraction of those nearly half million turned away room nights," Brown said.

The new Earth Hotel, is expected to open in fall 2016, and add to the 1,200 rooms in the casino's Sky Hotel.

Mohegan Sun revealed its plans for the hotel just two days after the Northeastern Gaming Research Project painted a gloomy outlook for Mohegan Sun and its Connecticut rival, Foxwoods.

The report found that residents in Massachusetts spent \$400 million less at the Connecticut casinos compared with a decade ago, while residents in Rhode Island spent \$200 million less. Half of the decline was tied to the recession, but the rest was being spent in other states.

Massachusetts has plans for three casinos, one in Springfield. Rhode Island is investing in improvements in its aging gaming complexes. And more casinos could be opened in New York.

In addition to the hotel, Mohegan may join with Foxwoods to operate a satellite casino, possibly in the Hartford area, to compete with the MGM casino now in the early stages of construction in Springfield. Approval from the [Connecticut legislature](#) would be required.

In 2014, Mohegan Sun had its strongest profit margin in eight years, but it came with slashing expenses, including cutting its workforce by 400. As of Dec. 31, Mohegan had about 6,900 employees.

The hotel project is estimated to create 1,000 construction and permanent jobs, a boost to the economy in southeastern Connecticut, Brown said.

Brown recalled the earliest days of the casino in the 1990s. "And since that time, we invested over a billion dollars in making this facility what it is, a premiere, world-class facility in southeastern Connecticut."

The state reaps 25 percent of slot machine revenues, though the state's share has declined steadily amid the recession and regional competition.

At Thursday's event, Gov. [Dannel P. Malloy](#) acknowledged the competition and praised Mohegan Sun's efforts in response. "There's going to be ups and downs as the economy has ups and downs," Malloy said. "Those who represent a high-quality experience with great service and great concentration on service will be the long-term winners." Those attending Thursday's event slogged through the latest in a long line of snowstorms to hit the state this winter. If all goes well, construction should begin in a few weeks, said Mitchell Etes, chief executive of the Mohegan Sun Tribal Gaming Authority.

"Assuming," Etes said. "it ever stops snowing."



# Hartford's Elm Street Getting Another Redevelopment Boost

Hartford Courant  
Kenneth Gosselin  
Feb 25, 2015

HARTFORD — A long-deteriorating stretch of downtown's Elm Street near Pulaski Circle is getting another shot of redevelopment.

The decaying building at 40 Elm — once a warehouse for the bustling carriage-making industry that existed in the area in the early 1900s — will be converted into six apartments. The apartments would be ready for tenants in the fall.

The \$1.2 million project follows on the privately financed renovation of 50 Elm next door into "live-work" space and a street-level restaurant taking its name from the building's address.

Developer Daniel Peabody plans two studios, two one-bedroom rentals and two two-bedroom rentals in an area that is near an often forgotten — but well-traveled — gateway to downtown: the Whitehead Highway.

The two redevelopments could give new visibility to the area and could tie into the iQuilt plan, a vision for a continuous walkway from the state Capitol to the Connecticut River.

The renovations at 40 Elm represent the sixth downtown Hartford housing project with financing from the Capital Region Development Authority. CRDA approved a 30-year, \$332,650 "cash-flow" mortgage at 3 percent interest.

The project is modest compared with other CRDA housing initiatives — aimed at boosting vibrancy beyond workweek hours. The largest is the 285-unit conversion of the former bank building at 777 Main St. into rentals.

Two CRDA-backed projects on Ann Uccello Street and 179 Allyn St. are now leasing to tenants.

"Small-scale projects make a significant impact," Suzanne Hopgood, chairman of the CRDA's board, said. "Rehabilitation of the property at 40 Elm ties in nicely with overall strategies to improve the quality of that specific area of the city through other projects such as iQuilt.

"Small-scale projects make a significant impact," Suzanne Hopgood, chairman of the CRDA's board, said. "Rehabilitation of the property at 40 Elm ties in nicely with overall strategies to improve the quality of that specific area of the city through other projects such as iQuilt.



The project also draws its funding from a \$420,000 first mortgage from the Hartford Community Loan Fund, state historic preservation credits of \$209,000, and developer equity of \$254,000.

# Hartford Team Lists 10 Possible Names: Blue Frogs? Yard Goats?

Hartford Courant  
Paul Doyle  
March 4, 2015

HARTFORD — Goodbye, New Britain Rock Cats. Hello, Hartford ... Yard Goats?

If you're not feeling Yard Goats, there's Hedgehogs, Hound Dogs or Honey Badgers. Or you might like Whirlybirds, River Hogs, Blue Frogs, Screech Owls, Praying Mantis, or, simply, Choppers.

Baseball traditionalists and local history buffs might have been pining for the Dark Blues, Laurels, Bees, Chiefs, Colts or Charter Oaks, but Hartford's return to professional baseball will possess a decidedly 21st-century minor league brand. In the age of the Flying Squirrels, IronPigs, Sand Gnats and Chihuahuas, the Rock Cats won't be changing to a conventional name.

"These are fun names," said Chuck Domino, a minor league consultant working with the franchise as it moves from New Britain to Hartford.

Close to 6,000 entries were registered for the "name the team" contest, and the team unveiled its top 10 choices Wednesday. The 10 picks were leaked on the Internet Monday and the reaction on social media was harsh.

Domino, a longtime minor league executive, warned team management that feedback would be negative. He wasn't wrong.

But as the team released the names at its new Trumbull Street office, the focus was obvious — each name was revealed by a child holding a sign.

"It's all about the kids," Domino said. "Obviously, that's what we're marketing to, are the kids. If the kids like the product, the parents are going to come and bring the kids to the game."

That's been the trend throughout minor league baseball, Domino said. Pick an offbeat name, unveil an engaging logo and market to kids.

Twenty years ago, the New Britain Red Sox were rebranded as the Hardware City Rock Cats and initial reaction was mostly negative. But fans got accustomed to the name, and the name — and logo — are part of the fabric of the region. Domino worked with the Eastern League franchise that moved from Norwich to Richmond, Va., five years ago and was part of the group that was ridiculed when the team chose Flying Squirrels as a nickname. He also worked with the Triple A franchise in Allentown that picked IronPigs as its name in 2006.

The name was mocked, Domino said, but fans eventually embraced it.

"Within a matter of months, we had grownups, grandfathers, wearing plastic pig snouts to games," Domino said. "It becomes fun for everybody once everybody is used to the name and accepts the name. This is going to be a fun process and it's going to be a lot of fun for a lot of years for everybody, young and old, in Hartford."

Domino is part of the committee choosing the new name, along with general manager Tim Restall, owner Josh Solomon (who was not present) and the California sports branding and design company Brandiose. The group narrowed the first wave of submissions to 10, and fans will have an opportunity to choose the top 3 at [hartfordplaysball2016.com](http://hartfordplaysball2016.com). Voting runs through Wednesday, when the team will announce its top 5 picks along with the contestants who submitted the choices. The winning name will be announced March 18. The committee will make the final selection based on input from the fan votes, but the name with the most votes will not necessarily be the choice.

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|--------------------------------------|--------------------------------|-----------------------|-----------------------|--------------------------------|-------------------------------|----------------------|-------------------------------|-------------------------------|-------------------------------|--------------------|-------------------|
| Appliance Type                       | Gas Fired Volume Water Heaters |                       |                       | Direct Gas Fired Water Heaters |                               |                      |                               | Combined DHW & Space Heating  |                               |                    |                   |
| Tank Material                        |                                |                       |                       | 316L Stainless Steel           | 316L Stainless Steel          | 316L Stainless Steel | Glass Lined w/ Anode Rods     | 316L Stainless Steel          | Stainless Steel               | Stainless Steel    | Stainless Steel   |
| Modulation                           | up to 10:1                     | up to 5:1             | up to 5:1             | up to 10:1                     | up to 5:1                     | 3:1                  | —                             | up to 5:1                     | up to 5:1                     | up to 5:1          | up to 5:1         |
| Heat Exchanger                       | 316L Stainless Steel           | 316L Stainless Steel  | 316L Stainless Steel  | Cupronickel & Stainless Steel  | Cupronickel & Stainless Steel | Cupronickel          | Multi-Port Combustion Chamber | Cupronickel & Stainless Steel | Cupronickel & Stainless Steel | Stainless Steel    | Stainless Steel   |
| Storage Tank Option                  | Requires Storage Tank          | Requires Storage Tank | Requires Storage Tank |                                |                               |                      |                               |                               |                               | Built-in 16 Gallon | Built-in 2 Gallon |
| 2 Heat Exchangers                    | Built-in Redundancy            |                       |                       | Built-in Redundancy            |                               |                      |                               |                               |                               |                    |                   |
| Solar Option                         |                                |                       |                       |                                | X                             |                      |                               | X                             |                               |                    |                   |
| Combination Space & Domestic Heating |                                |                       |                       | W/ Auxiliary Taps              | W/ Auxiliary Taps             | W/ Auxiliary Taps    |                               | X                             | X                             | X                  | X                 |
| Cascading                            | up to 8 Units (4 sets)         | up to 8 Units         | up to 8 Units         |                                |                               |                      |                               |                               |                               |                    |                   |
| High Temp. Sanitation                |                                |                       |                       |                                | SA Models                     |                      |                               |                               |                               |                    |                   |
| Btuh                                 | 1,000,000 to 1,700,005         | 500,000 to 850,000    | 80,000 to 399,000     | 199,000 to 399,000             | 100,000 to 199,000            | 76,000               | 112,000 to 300,000            | 130,000 to 199,000            | 130,000 to 199,000            | 140,000            | 140,000           |





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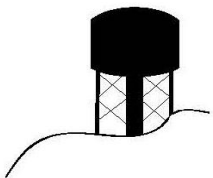


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# Hartford Team Lists 10 Possible Names: Blue Frogs? Yard Goats?

Hartford Courant  
Paul Doyle  
March 4, 2015

The team provided a brief pitch for each name:

**Blue Frogs:** Combining Hartford's literary and baseball history, Blue Frogs marries Mark Twain's short story, "The Celebrated Jumping Frog of Calaveras County," and the name of Hartford's first baseball team, the Dark Blues.

**Choppers:** Celebrating Hartford's place in aviation history, Choppers honors Connecticut's invention of the first helicopter in 1939.

**Hedgehogs:** With Hartford known as the "Insurance Capital of America," the Hedgehog is a tribute to our insurance industry, while celebrating Hartford's fighting spirit.

**Honey Badgers:** Everyone loves a good alliteration and Honey Badgers is a fun name that falls in line with the Lugnuts, Biscuits and other wacky names that minor league baseball is known for.

**Hound Dogs:** A smart, loyal and useful dog who is always by your side, just like the community of Hartford.

**Praying Mantis:** As Connecticut's state insect, the Praying Mantis embodies Hartford's fighting spirit and being known for punching above its weight.

**River Hogs:** This name is a tribute to the Hog River that flows under the city of Hartford.

**Screech Owls:** A Hartford native, screech owls are known for their fierce piercing calls.

**Whirlybirds:** Celebrating Connecticut's helicopter manufacturing and the Northeast Helicopter School, the Whirlybirds opens up all kinds of fun mascot possibilities.

**Yard Goats:** Railroad slang for an engine that switches a train to get it ready for another locomotive to take over, the Yard Goats honors Hartford's rich railroad history.

"Minor league baseball is about family-fun entertainment," Restall said. "Looking at these names, every name is fun. The way that we look at it is if a kid thinks of a name and with that says, 'I want to go to the Screech Owls' or 'I want to go to the Hound Dogs,' that's the kind of stuff that we look at."

The Rock Cats, the Double A affiliate of the Colorado Rockies, will move into a \$56 million stadium at Main and Trumbull streets in April 2016. The shift brings professional baseball back to the city for the first time since 1952, when the Eastern League's Hartford Chiefs departed.

Hartford's baseball history dates to 1874, when the city had a team in the National Association of Professional Base Ball Players. The city also had a charter franchise in the National League in 1876 — a team known as the Dark Blues in media reports — and was home to minor league teams from 1921 to 1952.

Those teams were known as the Senators, Laurels, Chiefs and Bees. Those names were likely submitted, along with such names as the Huckleberries and Colts. But the committee was thinking IronPigs and Flying Squirrels, not Laurels and Bees. "They all took their arrows because most people, generally speaking, are conservative," Domino said. "They're looking for the more conservative approach, although, all of these were submitted by local people. So they did come from the community. It's not like we made them up. ... But we think they can all work, we think we can have fun with them."

# Quinnipiac donates \$1.2M to Hamden

Hartford Business Journal.com

March 6, 2015

After a period of strained relations regarding off-campus student housing, Quinnipiac University said it has donated \$1.23 million to its home city of Hamden.

The payment is in addition to \$3 million Hamden gets from the state's payment in lieu of taxes program and the Mashantucket Pequot/Mohegan Fund — an annual grant distribution from the state based on the value of state-owned property, colleges, hospitals, population and other factors.

Tensions have grown in Hamden over the number of students living in off-campus housing, and the disturbances that can create, according to the New Haven Register, which reported that Hamden recently began fining the school for not having enough dorm rooms.

QU President John L. Lahey said in a statement that the payment is "an affirmation of the university's ongoing support and appreciation of all that Hamden does for Quinnipiac."

The school noted that it also pays taxes on its properties that aren't used exclusively for educational purposes. The taxes totaled more than \$322,000 last fiscal year.

# Hartford landfill officially closes after 75 years

Hartford Business Journal.com

March 6, 2015

Ten months after its final capping project was complete, the Hartford landfill was declared officially closed in March after 75 years of service.

The Connecticut Department of Energy & Environmental Protection notified landfill operator Materials Innovation & Recycling Authority that the synthetic cap on top of the landfill meets state and federal regulations, officially making the \$30.4 million closure project complete. The installation on the cap was complete in June.

The landfill opened in 1940 as an open-burning dump and then as an incinerator from 1953 to 1977. Following a lawsuit from the town of East Hartford over the smoke, the Connecticut Resources Recovery Authority took over operations in 1982 and began operating a trash-to-energy plant. The ash from the plant was deposited in the landfill, which received its final delivery on Dec. 31, 2008.

The four-phase capping project began in 2008 and finished last year, including installing 3,993 solar panels that can generate electricity to power 1,000 homes.

**Register at**  
**ASPE.org**  
**Education - Webinar**

## **Double Containment Piping Systems Webinar**

**2015 Webinar Series**  
**Double Containment Piping Systems**  
**A Fail-safe, Leak-proof and Environmentally Friendly Solution**

**Wednesday, March 25, 2015**  
**2:00 p.m. EDT / 1:00 p.m. CDT**

**Earn Continuing Education Credits: This one-hour contact program provides 0.1 CEU or 1.0 PDH.**

This one-hour webinar will discuss design guidelines and best practices for double containment piping systems. Topics covered include applications, material selection, system design, and leak detection methods. Learning objectives include:

- Understanding the EPA regulations behind double containment piping
- Understanding the purpose of double containment piping systems
- Understanding the system design requirement differences for the carrier and containment piping
- Understanding the different leak detection options
- Applications (traditional and non-traditional)

### **The Presenter: Darin Johnson, P.Eng**

Darin Johnson is an Applications Engineer at IPEX. Darin's primary focus, within IPEX, is providing technical support for the design and installation of plumbing and process piping systems. Darin received his bachelor's degree in Biochemical Engineering from Western University in 2007. Darin is a licensed professional engineer in Ontario. Since joining IPEX, Darin has provided technical expertise for piping systems in plumbing, municipal, and industrial sectors. Darin has over 7 years of experience in thermoplastic piping system design, installation, and applications.

**Registration closes at 5:00 p.m. EST on March 24, 2015.**

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INTRODUCING

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## JOB POSTING

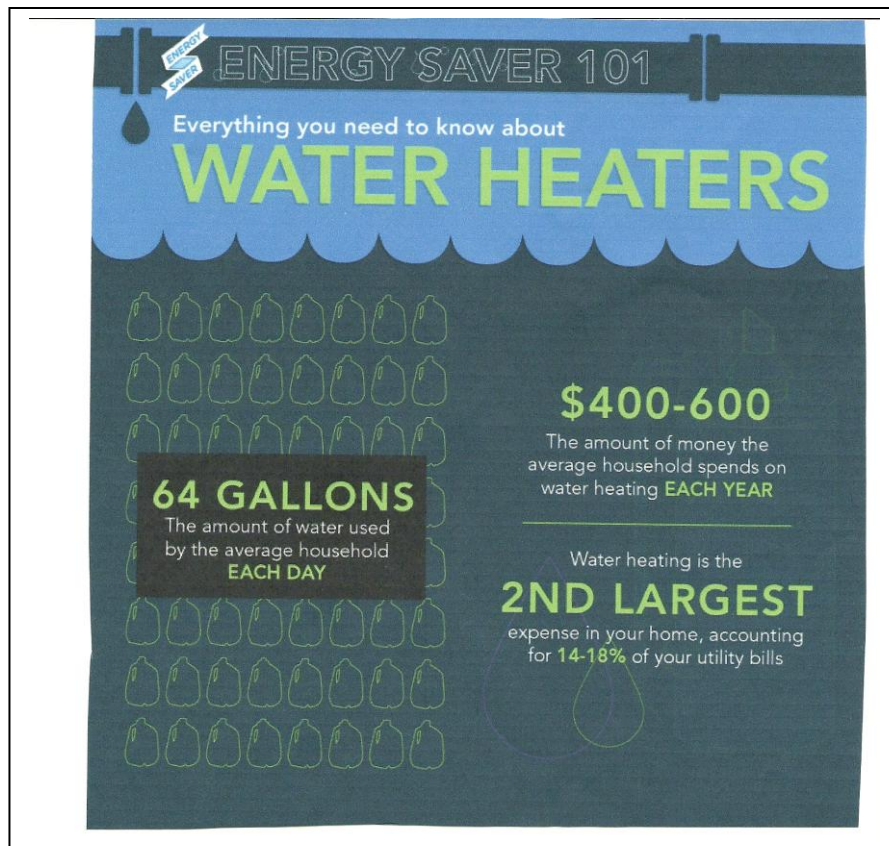
**Help Wanted** - Are you an engineer tired of working on the boards day after day, through with an endless stream of projects that are boring and repetitive? Maybe you are already in sales but going nowhere fast? A well established sales agency presents a unique sales opportunity and is seeking a unique **Sales Engineer**. Successful candidate must be both a problem solver and people oriented. A background in hydronic design and system knowledge is a prime requisite for a challenging position to grow and consummate sales of energy efficient equipment in the Southern New England territory. Let's Talk! Salary & benefit range are open and dependent upon experience, capability, and commitment. Please send resume to [sales@mechmkg.com](mailto:sales@mechmkg.com) to indicate your interest and arrange a interview. No phone calls please -Thanks.



# ENERGY.GOV

We are all guilty of using a little too much hot water in our daily lives -- whether it is spending an extra two minutes in the shower, leaving the water running while washing dishes or washing clothes on hot water instead of cold. Taken together, these habits of wasting water add up. So it is no surprise that the average household spends \$400-\$600 a year on [water heating](#) -- accounting for 14-18 percent of homeowners' utility bills. If you are looking for ways to save on water heating costs, you have plenty of options.

Interested in low-cost improvements you can do yourself? We have two new Energy Saver water heating Savings Projects. These do-it-yourself guides provide step-by-step instructions to water heating improvements that will save you energy and money. Setting your water heater temperature too high can waste \$36-\$61 a year in standby heat losses -- not to mention more than \$400 in demand losses. Learn how to safely [lower your water heating temperature](#). Another way to save money on water heating costs is to [insulate your hot water pipes](#). This small improvement can help raise your water temperature 2-4 degrees F. For long-term investments, consider purchasing an [energy-efficient water heater](#). Whether you're looking at [tankless water heaters](#) or considering [solar](#), our new Energy Saver 101 water heater infographic lays out the different types of water heaters on the market and will help you figure out how to select the best option for your home.





# TIPS FOR REDUCING YOUR WATER HEATING BILLS

**USE LESS**  
hot water.

Install  
**LOW-FLOW**  
FAUCETS AND  
SHOWERHEADS.

Low-flow fixtures  
cost about  
\$10-20 a piece  
and achieve  
water savings of  
**25-60 PERCENT.**

Buy a more  
efficient  
model or  
consider  
installing a  
**SOLAR**  
**WATER**  
**HEATER.**

Purchase  
**ENERGY STAR**  
**APPLIANCES,**  
such as  
dishwashers and  
clothes washers.

Turn down your  
water heater's  
**THERMOSTAT.**

Wash your  
clothes in  
**COLD**  
**WATER.**

Follow the manufacturer's  
recommendations for ways to  
**INSULATE YOUR WATER**  
**HEATER** tank and pipes.

## **FIX LEAKS:**

A leak of one  
drip per second  
can cost  
\$1 a month.

Set water  
heater  
thermostat to  
**120**  
**DEGREES F.**

SOURCES: Energy Saver ([www.energy.gov/energysaver](http://www.energy.gov/energysaver)) and Energy Star ([www.energystar.gov](http://www.energystar.gov))

ENERGY.GOV



# Gov. Malloy: Connecticut, Massachusetts and Rhode Island To Launch Multi-State Clean Energy Initiative

*Process Will Lead to Joint RFP for Class 1 Renewables and Large-Scale Hydro*

February 25, 2015  
State of CT DEEP

Governor Dannel P. Malloy announced today that Connecticut, Massachusetts and Rhode Island have initiated a coordinated process that will lead to a three-state Request for Proposals (RFP) for clean energy resources.

"By working together with neighboring states we can make the most efficient use of our resources to attract new clean energy projects at the lowest possible cost for ratepayers while advancing our interests in reducing emissions of greenhouse gases," said Governor Malloy. "The joint procurement process opens the possibility of procuring large-scale projects and transmission to deliver clean energy on a scale that no single state could secure on its own."

Other goals include diversifying the fuel mix in New England and helping to address winter reliability issues.

The three states took the first step in the procurement process by formally releasing a draft RFP for a 30-day comment period. The comment period will end on March 27, 2015. After considering the comments, the states will issue the final RFP this spring.

The RFP will seek bids on new Class I Renewable Energy projects – which include wind, solar, small hydro, biomass and fuel cells - of at least 20 megawatts (MW) and large-scale hydro power projects that were constructed after January 1, 2003.

The draft RFP seeks to allow the states to consider projects for the delivery of clean energy through: 1) traditional power purchase agreements that do not require transmission upgrades, 2) purchase power agreements that require transmission, and/or 3) transmission projects containing clean energy delivery commitments, but without any associated power purchase agreements.

The RFP invites bids for projects that deliver firm incremental clean energy over new or existing transmission projects of up to the equivalent of 500 MW of wind for Connecticut.

The State of Connecticut has the ability to participate in this multi-state initiative as a result of the Governor's Comprehensive Energy Strategy, which the General Assembly approved in 2013.

The draft RFP can be found at [www.cleanenergyrfp.com](http://www.cleanenergyrfp.com).



# Amherst College Greenway Residence Halls

**T**he Greenway Residence Hall project includes four buildings that will house approximately 300 students in a variety of room types. Dramatic views to the south are featured, as are a wide range of energy-efficient design features. The buildings include two-story study areas, connecting bridges, kitchens, a multi-purpose event space, and seminar/meeting rooms. The project also includes construction of the southern half of the Greenway, a dramatic landscape design that will feature new pathways, lawns, plantings, volleyball and basketball courts, a barbecue area, and a gathering/performance amphitheater. Kyu Sung Woo Architects are designing the project, and completion is anticipated for the Fall 2016 semester.





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## **ASPE Connecticut Chapter Technical Program 2014-2015**

|                    |   |
|--------------------|---|
| September 25, 2014 | Topic: <b><i>Compliant Shower Specification for 2010 ADA</i></b><br>Speaker: Jeremy Ross<br>Tabletop:           |
| October 22, 2014   | Topic: <b><i>Heat Trace</i></b><br>Speaker: Sean McDaniel<br>Tabletop: Kevin Long, Emerson Swan                 |
| November 19, 2014  | Topic: <b><i>Fire Stopping Penetrations</i></b><br>Speaker: Steven Bennett<br>:                                 |
| December 17, 2013  | Topic: <b><i>CHRISTMAS PARTY</i></b>  |
| January 28, 2015   | Topic: <b><i>Grease and Oil Separators</i></b><br>Speaker: Vince Scriboni<br>Tabletop: Thad Rice, Tower Hill    |
| February 25, 2015  | Topic: <b><i>Sewage Ejectors and Sizing</i></b><br>Speaker: Tim Masterson<br>Tabletop: Kevin Long, Emerson Swan |
| March 12, 2015     | Joint Meeting with ASHRAE*<br>Speaker: Eric Skiba<br>Location: Two Roads Brewing Company                        |
| April 22, 2015     | Topic: NAECA 2015 Standards<br>Speaker:<br>Tabletop:  |
| May 27, 2015       | Topic: Fire Sprinkler Overview<br>Speaker:<br>Tabletop:   |

**All Meeting to be held at Baci Grill unless noted**

**Proposed Program topics subject to change!!!**

**Chapters are not authorized to speak for the Society**