

ETTER GY INFRASTRUCTURE & ECONOMY STITUTION

The Otesaga Resort Hotel, Cooperstown, NY
Thursday, January 31, 2019

Exploring the nexus of energy, climate change and the region's economy

The Otsego County Chamber of Commerce "Your Chamber of Connections"

You are invited to attend the 2019 CAREER EXPO/JOB FAIR OPEN HOUSE AND CAREER & TECHNICAL SHOWCASE





Sponsored by:

The Otsego County Chamber of Commerce, ONC BOCES, CDO WORKFORCE and New York State Department of Labor

When:

Wednesday, February 6, 2019

Time:

5:00 p.m. -8:00 p.m.

Where:

ONC BOCES, 1914 County Route 35 Milford, NY 13807

Audience:

The Career Expo is open to all high school students, parents, adults enrolled in BOCES' career education programs, BOCES' alumni and the general public.

On site interviews

Exhibitors: Amphenol Aerospace, Chase Memorial Nursing & Rehab Center, Family Planning of South Central New York, Inc., Oneonta Block Co/Pickett Building Materials, SUNY Oneonta, Oneonta Job Corps, Springbrook, City of Oneonta,, Corning Inc, SUNY Delhi, National Baseball Hall of Fame and more.













This event is designed to share information about opportunities in manufacturing, construction trades, engineering, health care, information technology and other on-demand careers.

Job Seekers!! Need a ride to the Career Fair? A&D Transportation is offering a free ride from the CDO Workforce Center, 12 Dietz Street in Oneonta to the Career Fair at ONC BOCES in Milford and back. Space is limited, so make reservations now, call the CDO Workforce at 607-432-4800 x 100 to reserve your seat. A&D Transportation's van will be leaving CDO Workforce at 5pm with the return trip at 7:00pm from BOCES. Don't forget reservations are required. Special thanks to A&D Transportation for their generosity.

contact:

Barbara Ann Heegan, President/ CEO Karen Laing, Member Services Administrator

Otsego County Chamber of Commerce

Phone: 607-432-4500

Email: baheegan@otsegocc.com or karen@otsegocc.com





Welcome to the 2019 Otsego County Chamber Energy & Infrastructure Leadership Summit,

The Otsego County Chamber of Commerce supports diverse businesses, many of which have been the economic engines of our county for decades. To maintain that competitiveness, boost our economy and create jobs, Otsego County must chart an energy roadmap for our immediate energy needs and that of the future. Today, The Otsego County Chamber of Commerce is proud to host an inaugural Energy Infrastructure & Economy Summit.

We recognize that the creation and execution of a county-wide energy infrastructure plan will require communication, consensus building and teamwork, involving all community stakeholders. By coming together, we will shape strategies for an energy roadmap that will create economic advantage, mitigate climate change and improve energy performance.

We encourage opportunities to be interactive with the presenters to allow Q & A. Here are some ground rules for a productive day in engaging with one another:

- 1. Listen actively -- respect others when they are talking
- 2. We will accept two questions from the audience after each presenter in order to stay on schedule. We will allow time for networking at the end of the Summit with our exhibitors and presenters.
- 3. Do not be afraid to respectfully challenge one another by asking questions, but refrain from personal attacks -- focus on ideas.

The goal of energy summit -- it is to gain a deeper understanding of all forms of energy and find common ground on the course we take regarding energy and it's impact on the economy of Otsego County.

We thank you for your participation and being a part of this important dialogue and we hope you enjoy the day.

Respectfully,
Barbara Ann Heegan, President & CEO
Alan Rubin, Board Chair 2019
Peter Armao, Otsego County Chamber Energy Committee Chair

Special Thanks to the Otsego County Chamber Energy Committee Members for their planning and active participation in this Summit- Peter Armao, Jacklyn Courter, Bennett Sandler, Sandra Eighmey, Alan Rubin, Russell Southard, Leslie Orzetti, Robert T. Wood, Mark Davies, Dan Sullivan, Amy Wyatt, Michele Farwell, Margaret Kennedy, Alan Rubin.

AGENDA

9:00am-9:15am • Welcome:

Pledge of Allegiance, City of Oneonta Mayor Gary Herzig
Otsego County Chamber of Commerce Barbara Ann Heegan, President/CEO
Al Rubin, Chairperson, Board of Directors
Jody Zakrevsky, CEO, Otsego Now

Otsego County Energy Taskforce, Meg Kennedy, Otsego County Board of Representatives

9:15am – 9:30am • Moving Forward in the Face of Climate Change;

Keith Schue, Technical Advisor to Otsego 2000

9:30am - 10:00am • Sustainable Commerce: Science is On Our Side, Time is Not;

Anthony Ingraffea, Ph.D., Emeritus Faculty, Cornell University, Civil and Environmental Engineering

10:00am-10:15am • Balancing Our Options;

Michael D. Zagata, Ph.D., Former NYS DEC Commissioner

10:15am-10:45am • Natural Gas and Utility Infrastructure in Upstate New York;

Mike German, CEO, Leatherstocking Gas Company

10:45am-11:00am • Overview of the US Energy System and the Transition to Renewable Energy;

Lou Allstadt, Former Executive Vice President Mobil Oil Corporation

11:00am - 11:15am • Casey Mastro, Energy Manager, CNY Business Development, New York Power Authority

11:15am-11:35am • Natural Gas Role in Economic Development;

David J. Spigelmyer, President, Marcellus Coalition

Lunch Buffet Break • 15 Minutes

11:50am - 12:00pm • Karen Bee-Donohoe, Vice Chancellor for Capital Facilities, SUNY System

12:00pm-12:15pm • Eco-Commercial Parks: Possibilities and Potential;

Mark R. Davies, Professor of Education Coordinator of Environment, Sustainability and Society Major, Chair Environmental Board of City of Oneonta

12:15pm- 12:45pm • Keynote Speaker with an Interactive Session: "lunch and learn"; Geothermal Technology: Effective Real-World Solutions for New York; Jay Egg, Geothermal

12:45pm-1:15pm • Economic Development, Commercial Rebates and Infrastructure Improvements;

NYSEG: Cindy Chadwick, Director of Public Affairs; Joe Rizzo, Manager fo Economic Development

1:15pm-1:35pm • Chris Pinheiro, New York State Department of Labor, (Harriman), Workforce Program Manager,
Program Opportunity Notice (PON) 3982- On-the-Job-Training; and PON 4000- Internship

1:35pm-1:40pm • Afternoon Welcome;

Amy Wyant, Outreach Coordinator, Clean Energy Communities Program

1:40pm- 2:30pm • NY-Sun: Houtan Mulvaney, Senior Advisor to the President for Strategy and Clean Energy Siting,
NY State Interconnection Ombudsman, NYSERDA

2:30pm-3:30pm • New York's 50% Renewable Energy Standard-What Will it Take to Get There?;

Kathleen Gasperini, Communications, & Jeff Jones, Alliance for Clean energy New York

3:30pm- 4:00pm • Why Natural Gas is Critical for a Clean, Reliable, Affordable Energy Mix
Karen Moreau, Executive Director, API New York

4:00pm-4:30pm • Flextech, Net-Sero, Clean Heating and Cooling; Scott Smith

4:30pm-4:45pm •PACE Financing; Sarah Smiley, Director, Member Services, Energize NY

4:45pm-6:00pm • Wrap-up: Next Steps, Networking;

Alan Rubin, Board Chair, Otsego County Chamber of Commerce

Please take breaks as needed





"The green loan to fit your eco-friendly borrowing needs"

Borrow up to \$50,000 for up to 10 years on these new high efficiency systems & products...

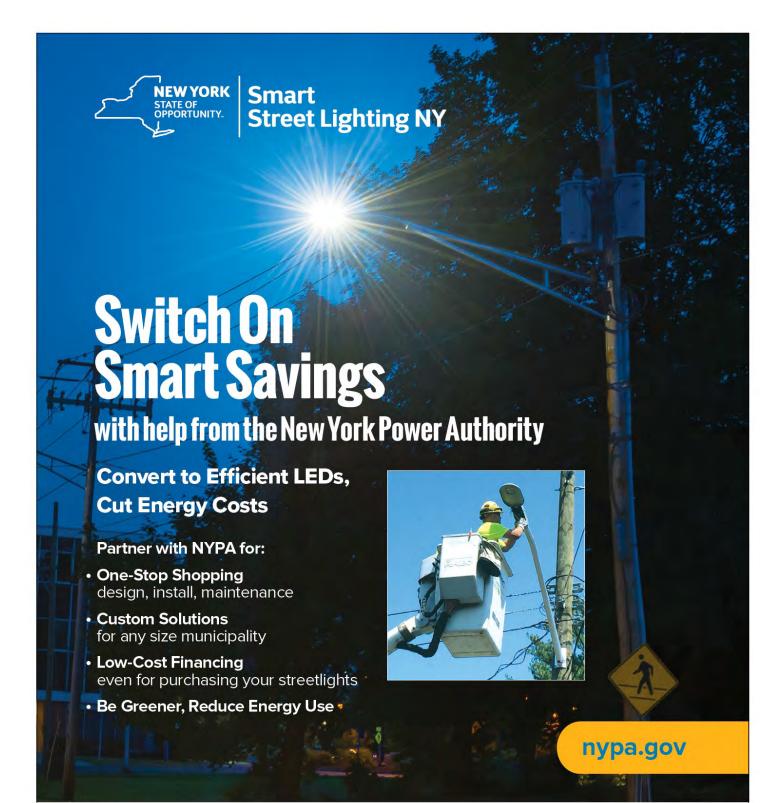
- PV Solar Systems
- Geo Thermal Systems
- Wind and Water Turbines
- Air to Air Heat Pumps
- Rainwater (Harvesting)
 Collection Systems



Contact sfcu at 877-642-7328 to apply for the sfcu EcoSmart Loan or for more information.

Some lending restrictions may apply.

1-877-642-7328 • sfcuonline.org | Federally Insured by NCUA





For consultation:

Kevin Luteran
Smart Street Lighting NY Program Manager
New York Power Authority • 914-260-2616
kevin.luteran@nypa.gov

Supports NY's Reforming the Energy Vision for building a clean, more resilient and affordable energy system for all New Yorkers

#REV4NY

A Program of the New York Power Authority



50 years of natural resource conservation for Otsego County Citizens

OCCA is dedicated to promoting the appreciation and sustainable use of Otsego County's natural resources through education, advocacy, resource management, research, planning and practice.

Upcoming Programs		
February 9	February 18	February 20
Making Tracks Finding Tracks	Presidents' Day Snowshoe	Be Informed! Lecture Series
Cooperstown Winter	Walk	Ticks and Lyme Disease
Carnival Snowshoe Hike	1-2:30pm Riddell State Park	6:30pm
11am-1230pm		First United Methodist Church of Oneonta
Clark Sports Center		

Ready to Upgrade to Cleaner, more Sustainable Energy?

Clean Energy
Communities
Program (CECP):
Assisting Municipalities
in reducing their
energy usage and
GHG emissions.
Contact: Amy Wyant

Community Energy
Engagement Program
(CEEP):
Helping Residential,
Multifamily and Small
Business Owners make

Contact: Cabryn Gurdo

energy-saving upgrades.

MOHAWK VALLEY ECONOMIC DEVELOPMENT DISTRICT 26 W. MAIN ST, MOHAWK NY 13407 - 315.866.4671





NYSERDA

"With continued growth in emissions at historic rates, annual losses in some economic sectors are projected to reach *hundreds of billions of dollars* by the end of the century -4th US National Climate Assessment, Nov. 2018

Here are some resources to help us do something about it ...

We can't afford not to!







Sponsored by:
Concerned Citizens of Oneonta









Design & Build Mechanical **HVAC Systems**

2421 State Route 12 Waterville, NY 13480







Important Update - Genesis Group Schedule of Events



Tuesday, February 5 - 8:00am Career Day @ Frankfort-Schuyler Middle School Monday, February 11 - 12:00pm Economic Forum @ Utica College Monday, March 18 - 8:00am Career Day @ Herkimer College Wednesday, March 20 - 12:00pm Striving 4 Success @ Yahnundasis Golf Club Thursday, April 25 - 8:00am Career Day @ Mohawk Valley Community College Friday, May 3 - 5:00pm Taste of Mohawk Valley @ FX Matt Brewery Tuesday, May 7 - 5:30pm Healthcare Recognition @ Hart's Hill Inn Monday, June 17 - 8:00am Gems of Distinction @ Gems Along the Mohawk Thursday, July 4th - Independence Day Parade, Fireworks, Band Concert and more!

<u>More dates/events to be added</u>: Discovery Tours, College Events, Community Impact Presentations, and Reports/Editorials from the Genesis Group Series: *Writing Tomorrow's Stories....Today!*

The Genesis Group is focused on the "community's agenda."

We're much stronger as a region when we work together!

Thank you for your continued support!

ENERGIZE NY PACE

Innovative financing for energy efficiency and renewable energy projects in New York State

PROPERTY ASSESSED CLEAN ENERGY

- Eligibility is based on the property's potential to save energy
- Upgrades generate savings that typically more than pay for their cost
- Finance up to 100% of the project cost with fixed, competitive interest rates
- Terms up to 20 years enable affordable and profitable deep energy upgrades
- Energize NY PACE can finance up to 35% of the property value
- Repaid through an annual charge on the property's tax bill
- Automatically transfers upon property sale



Solar installation at Terra Tile & Marble in the Town of Ossining



High efficiency heating and cooling upgrades for this historic Dutchess County inn

For commercially owned buildings and non-profits



Lighting upgrades brighten a senior living community in Albany County

Make the most of your building and improve your bottom line with:

- LED lighting
- Insulation
- Efficient heating & cooling
- Smart controls
- Solar
- Geothermal
- Wind



Eligible Projects

- Improvements are qualified through energy assessments and/or renewable energy feasibility studies, or through NYSERDA incentive or utility rebate programs
- Improvements are permanently affixed to the property
- Estimated savings from improvements exceed the financing cost

Property Qualifications

- Property is located within a participating municipality
- Property is commercially owned (corporation, LLC, LP, or trust), including non-profits
- No bankruptcies for the past seven years
- Timely property tax payments for the past three years
- No mortgage or other property related defaults
- Consent required from all mortgage holders
- Total Loan-to-Value ratio cannot exceed 90%, including PACE financing



Materials Needed

- Energy assessment or feasibility study
- Scope of work
- Property appraisal
- Two most recent mortgage statements
- Lender consent
- Organizational documents



Solar installation at Randall Airport in Orange County

About Energize NY

Energize NY helps building owners make the move to clean energy. Working directly with New York State municipalities, our goal is to help property owners and communities realize the cost-savings, efficiency, and air quality benefits of clean energy while supporting job creation in New York State.

Energize NY is part of the Energy Improvement Corporation, a New York non-profit local development corporation.

Learn more at EnergizeNY.org

2051 Baldwin Road • Suite 107 Yorktown Heights, NY 10598 www.EnergizeNY.org • 914.302.7300



REVOLUTION SOLAR



Your local resource for residential, commercial and agricultural projects.

www.RevolutionSolarNY.com

What Do Our Communities Need to Thrive?

Otsego 2000's programs play a vital role in ensuring Otsego County has what we need to thrive:

A Safe, Clean Environment



We advocate energy conservation and efficiency to reduce reliance on fossil fuels and eliminate the need for expanded fossil fuel infrastructure and delivery systems. In addition, we call for and support smart development of renewable energy sources to meet the goals adopted by New York State for greenhouse gas reductions.

Strong Historic Communities and Sustainable Farms

We work to preserve our past — the farms, storefronts, hamlets and villages in which our communities are rooted. Preserving our buildings reminds us of our rich agricultural foundation, attracts visitors and new residents, and is inherently environmentally sustainable.



m/////////

GLIMMERGLASS FILM DAYS

Vibrant Community Life

community gathering place year-round.

Cooperstown Year-round cultural and recreational opportunities Farmers' Market are critical to keeping locals local, and to attracting new residents and visitors. Otsegooutdoors.org highlights hiking, biking, paddling, and skiing/snowshoeing trails in the county, while Glimmerglass Film Days brings world-class films and filmmakers to the region once a year. The Cooperstown Farmers' Market supports sustainable farms and provides an essential



607.547.8881 www.otsego2000.org

The Climate Reality Project



Dan Buttermann

Climate Reality Leader

Contact Dan at

danielbuttermann@gmail.com

to bring the Climate Reality Project presentation to your community, business or neighborhood.

Commercial Clean Energy Tour

February 2, 2019 (Runs from 1 PM till 4PM)



1:00 - 1:40 PM Hanford Mills Museum (51 County Hwy 12, East Meredith) Come see their Froling P4 Pellet Boiler with bulk pellet and thermal storage. The system was installed in 2016.

2:00 - 2:45 PM Revolution Solar (709 County Hwy 33, Cooperstown)

Tour their 10,000 sq. ft. office complex heated and cooled using ground source heat pumps (aka geothermal). Four different spaces, including Red Shed Brewery's Cooperstown Tap Room and Revolution Solar's Headquarters, are zoned with heat pumps running off a shared, 16-ton capacity loopfield located out back. Installed in 2016.

3:00 - 4:00 PM Upstate Bar and Grill (5418 State Hwy 28, Cooperstown)

Uses air source heat pumps to heat and cool its entire facility including kitchen and bar. Installer Dave Johnson of D&D Refrigeration will be there too.

Tour is a quick reveal showing all elements of each technology. It will offer participants a chance to see what these technologies look like installed, to hear them in operation, and to experience the comfort they provide.

Energy Tour is free and open to the public. Hanford Mills Museum is running their Annual Ice Harvest Festival which does charge admission to non-members. Ice Harvest starts at 10 am so come early to participate.

For more information contact Bennett Sandler, Campaign Director for Heat Smart Otsego (607) 435-1364 or at campaigndirector@occainfo.org. Heat Smart Otsego is a project of the Otsego County Conservation Association.

New Yorkers Grapple with the Real Life Impacts of Pipeline Opposition

Posted on January 27, 2019 by Tom Shepstone



Tom Shepstone Natural Gas NOW

An article in LoHud exposes the real life impacts of pipeline opposition and the lack of critical thinking abilities on the part of so many New Yorkers.

Yesterday, I noted a Westchester County, New York Assemblywoman by the name of Amy Paulin was experiencing some sort of awakening with respect to of Andrew Cuomo's maddening pipeline opposition. They have resulted in ConEd imposing a moratorium on new gas connections. "We just can't stop all edevelopment, all affordable housing projects, all residential development, which is what this moratorium will do," she said.

Paulin was, of course, aiming her remarks at ConEd, rather than her fellow Democrat, the governor of New York. The message was, nonetheless, clear; Cuo appeasement strategy is starting to impact real lives and he'd better be more careful. It was a not so subtle suggestion to rethink his pipeline opposition.

An <u>article in LoHud</u> brings things into focus and here are a few of the moist relevant excerpts:

"The state's misguided blockade against natural gas infrastructure is hurting New York's economy through lost jobs and a higher cost of doing business," said Peter Kauffmann, the spokesman for New Yorkers for Affordable Energy, a trade group representing labor and business leaders in the natural gas business.

ConEd's announcement may have come as a surprise to many but over the past two years, the company has repeatedly told state regulatory officials a moratorium was looming.

"The Company forecasts that in the near term it may be unable to meet demand from new customers on extremely cold days, resulting in the need to institute moratoriums on attaching new firm customers in areas where pipeline capacity is severely constrained," the company wrote in a petition to the state Public Service Commission in September 2017.

ConEd noted that over the six years that ended in 2017, the utility's natural gas peak day demand had increased more than 30 percent and it's expected to grow an additional 23 percent in the next 20 years.

Much of that growth is being spurred by efforts to wean customers off dirtier heating oil options. Between 2011 and 2016, ConEd converted more than 6,500 buildings to natural gas, an effort the utility says has reduced greenhouse gas emissions.

"In short, natural gas is playing an important role in New York's path to a clean energy future and has contributed to the highest air quality in New York City in the last 50 years," the company noted.

ConEd contracts with six interstate pipelines which connect to the utility's distribution system at multiple points. The company delivers gas to more than 1 million customers in New York City and parts of Westchester County through 4,300 miles of mains and 370,000 service lines.

In recent years, efforts to increase pipeline capacity [have] bogged down.

"Since 2014, the Company has worked with various pipelines to develop new projects that would increase the pipeline to New York City gates," the company wrote in 2017. "When pipeline development projects in New York recently encountered increased difficulty in securing necessary pre-construction permits, the projects on which the Company was working were not considered viable and therefore not initiated."

New Yorkers Grapple with the Real Life Impacts of Pipeline Opposition

Unfortunately, this part of the article, which tells the truth of the situation doesn't appear until towards the end of the article. Even then, it doesn't squarely put the blame for the moratorium on Andrew Cuomo's demagogic strategy of killing pipelines. It tends, instead, to suggest ConEd might be exaggerating its problems to leverage the situation and secure more gas. It gives radical Food & Water Watch a platform to argue that cutting of pipelines is essential to "get us off fossil fuels altogether" and implies, with no factual support, that renewables could easily substitute for natural gas, which isn't even vaguely true.

What really stands out to me about this article, though, are two facets of the article.

The first is the real world pain of Cuomo's misbegotten strategy of pipeline opposition. That comes through loud and clear in the comments made by builders and local officials which echo those made by Amy Paulin.

The second thing that comes through to someone like me reading the article from far across the other side of the Hudson River in Pennsylvania, is the extent to which New Yorkers are capable of denying reality, even in the direct face of it, for the sake of green political correctness. County Executive George Latimer suggests it could be just a matter of how the counting was done:

"We need to understand what led to this moratorium, how the calculation for gas is made, how many customers exist in each municipality, which slated projects are in jeopardy, which are not, the duration of the moratorium, how that calculation was determined, an overview of the regulatory process, and Con Edison's plan for developing and implementing alternative energy sources," Latimer said.

Notice there is no mention of Cuomo decisions to kill one pipeline after another to appease a handful of his green-obsessed Westchester County constituents; decisions solely responsible for the crisis. There's a lot more of this head-in-the-sand mentality throughout the article. Even those most aware of the real problem are generally afraid to state the truth or express anything that's not green certified. Therein lies the real problem, of course; trendy peer pressure demanding green conformity.



No, all eyes are averted from the reality there's no way to economically heat the above 27-story mixed-use project in New Rochelle without natural gas or electricity made from gas. All ears are closed to the reality that it's the governor, stupid!

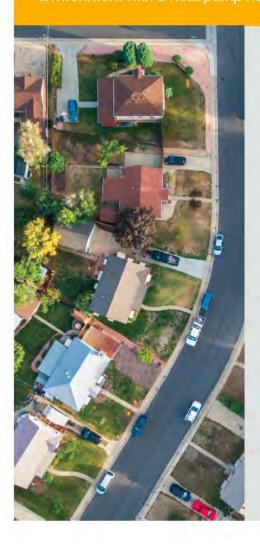
Heat Pumps: Heating & Cooling Systems



Save on Heating and Cooling Reduce Your Carbon Footprint

Lower your energy usage while reducing your impact on the environment with a heat pump heating and cooling system.





Installing clean HVAC technologies, including ground source and air source heat pump systems, can reduce your energy costs, decrease your carbon footprint, and increase everyday comfort. When paired with improved insulation and air sealing, the benefits are even greater.

Heat pump systems heat and cool your home or office without burning fossil fuels. No on-site combustion means no risk of dangerous carbon monoxide fumes.

How do heat pump heating and cooling systems work?

Unlike traditional heat-generating HVAC systems, heat pumps extract heat from the ground or air outside, and distribute it inside your home or business. During warmer months, the process is reversed to provide cooling by pulling heat out of your interior space. These systems are highly efficient, and can provide up to 100 percent of your heating and cooling needs.

What are the benefits?

- Lower energy usage.
 Heats and cools your home more efficiently than traditional HVAC systems like oil, propane, and electric resistance.
- Increased comfort.
 Get quiet, even heating and cooling throughout your home or business.
- Low maintenance, long lasting.
 Heat pumps last longer than conventional furnaces and AC units, and require little maintenance.
- Clean, healthy, and safe.
 No combustion of fossil fuels, no fuel storage, no emissions, and no risk of carbon monoxide fumes.

Heat Smart Otsego

https://heatsmartotsego.org

A clean heating and cooling community campaign serving Otsego County. Sign up online or call (607) 435-1364.



The Answer is Right Under Our Feet

Ground Source Heat Pumps (GSHPs) offer great benefits & great savings for both commercial and residential applications.

As you seek alternative and natural means to transfer heat, we can provide you with expertise at every level – from validation to construction.



As an extension of your team we can provide:

VALIDATION EXPERTS

Use our unmatched experience for validation and oversight of your engineering and field operations as you explore the design and installation of geothermal HVAC systems.

FEASIBILITY STUDIES

Let us help you on projects that need variances or special permitting such as utility-scale geothermal exchange systems. We can assist with feasibility and permitting efforts on unusual or difficult aquifer & surface water applications.

CONSULTING

Extend your team by using our industry expertise that spans decades and includes a vast network of professionals from all over the world. Use our expertise without replacing your local contractors. We can recommend delivery teams, equipment and all things related to geothermal.

EDUCATION

We regularly meet with consumers, architects, engineers, government decision makers on renewable heating and cooling. We'll do the same on your behalf on your projects.





EggGeothermal Consulting is unmatched in its experience and depth of participation in fostering the use of geothermal.

As a recognized expert in the geothermal industry, its clients are international, federal, state and local governments, developers, associations, and private entities.

EGGGEOTHERMAL CONSULTING HIGHLIGHTS:

Voting member on the IGHSPA Advocacy Committee, the Uniform Solar Energy & Hydronics Technical Committee for the International Association of Plumbing and Mechanical Professionals (IAPMO) Provided technical advise to the New York State Energy Research and Development Authority (NYSERDA) on renewable heating and cooling. Training and curriculum writer/ facilitator for IGSHPA and for the the newly established Ontario Geothermal Program "GreenON"

... and many others

JAY EGG, CMC

With Jay Egg's longevity and reputation in the industry, he knows who to call - from delivery teams, equipment and all things related to geothermal. Jay's team of associates include many people attending the 2018 IGSHPA conference and luncheon, who provide engineering and drilling services throughout the world and Florida.





Contact us today if you're exploring alternative and natural means to transfer heat. We'll compliment your team.



ANDREW M. CUOMO Governor RICHARD L. KAUFFMAN Chair ALICIA BARTON
President and CEO

Clean Energy Workforce Development

Workforce development and training are essential components to a bustling 21st century economy and a cleaner, healthier New York. But today's workforce is not yet set up to meet the requirements and achieve possibilities of the clean energy economy.

With a commitment of nearly \$70 million over the next 10 years, NYSERDA will work to change the landscape of New York's workforce through clean energy workforce development and training. Our funding will provide opportunities for activities as diverse as:

- Training building and operations staff to properly operate and maintain building systems
- Providing on-the-job training for new clean energy workers
- Supporting internships for students looking to gain hands-on skills at a clean energy company
- Enhancing curricula to meet the demands of clean energy employers
- Establishing a talent pipeline that can reduce the business cost of hiring new workers

Funding is available under four different workforce development and training opportunities:

- Energy Efficiency and Clean Technology Training
- On-the-job Training
- Internships
- Building Operations & Maintenance

Energy Efficiency and Clean Technology Training (PON 3981)

Contact: Vicki Colello, (518) 862-1090 x3273, vicki.colello@nyserda.ny.gov

Energy Efficiency and Clean Technology Training supports organizations across the state providing training and experience to workers in clean energy businesses. They will develop and implement training programs to ensure workers have the technical skills and hands-on experience that businesses need, while providing job preparation and placement assistance.

Incentives and Funding: A minimum of \$7 million is available in multiple rounds for projects. Proposals will be accepted between \$50,000 and \$250,000. Additional funding may be added to successful projects after the original contract award, increasing the maximum total per project. Projects are anticipated to be completed within approximately two years.

On-the-job Training (PON 3982)

Contact: Vicki Colello, (518) 862-1090 x3273, vicki.colello@nyserda.ny.gov

NYSERDA will provide incentives to eligible energy efficiency and clean technology businesses throughout the supply chain to hire and provide on-the-job training (OJT) for new workers.

New York State Energy Research and Development Authority

Albany

17 Columbia Circle, Albany, NY 12203-6399 **(P)** 1-866-NYSERDA | **(F)** 518-862-1091

nyserda.ny.gov | info@nyserda.ny.gov

Buffalo

726 Exchange Street Suite 821 Buffalo, NY 14210-1484

14210-1484 (**P**) 716-842-1522 (**F**) 716-842-0156 New York City 1359 Broadway 19th Floor New York, NY 10018-7842 (P) 212-971-5342 (F) 518-862-1091 West Valley Site Management Program 9030-B Route 219 West Valley, NY 14171-9500 (P) 716-942-9960 (F) 716-942-9961 Incentives and Funding: Up to \$10 million is being made available with a maximum award amount for a business of \$100,000. For eligible energy efficiency and clean technology businesses with:

- 100 employees or less, NYSERDA will pay 50 percent of a new employee's hourly wage for 16 weeks. If the employer hires an employee from one of the priority populations defined above, NYSERDA will pay 50 percent of a new employee's hourly wage for 24 weeks.
- Businesses with 101 employees or more are eligible for OJT incentives only for an individual in a priority population, at 50 percent of a new employee's hourly wage for 24 weeks.

Applicants will be required to provide a 50 percent cost share, and NYSERDA funding is capped at \$100,000 per business/applicant and a maximum of \$16 per hour for the NYSERDA cost share for each hire.

Internships (PON 4000)

Contact: Angela Datri, (518) 862-1090 x3515, angela.datri@nyserda.ny.gov

NYSERDA is helping prepare the next generation of clean energy workers by funding internships for students and recent graduates at New York State's clean energy companies through New York State Clean Energy Internships.

Incentives and Funding: Funding is allocated on a first-come first-served basis to eligible employers that register and return all completed materials to NYSERDA.

Reimbursement is on a sliding scale depending on the size of the employer:

- Percent covered for employers with 20 or fewer employees: 90%
- Percent covered for employers with 21 100 employees: 75%
- Percent covered for employers with 100 or more employees: 50%

Building Operations & Maintenance (PON 3715)

Contact: Vicki Colello, (518) 862-1090 x3273, vicki.colello@nyserda.ny.gov

Building operations and maintenance employees are key to helping building managers and owners reduce energy costs and carbon emissions. Improving the skills of these employees can significantly improve building efficiency and reduce operating costs, while helping meet the State's energy efficiency and emissions reduction goals.

NYSERDA's Building Operations and Maintenance Workforce Development program provides funding to help employers and building owners develop training projects that create the educational strategy, on-site training framework, and tools needed to advance the skills of building operations and maintenance workers and prepare new workers beyond conventional classroom training.

Incentives and Funding: Proposals must be for buildings or groups of buildings, including partnerships between businesses with common training needs, with annual energy expenditures of \$1 million or more. NYSERDA will share up to 50 percent of the cost of eligible projects, with a cap of \$400,000 per application.





ACE NY

Building NY's Clean Energy Future

The Alliance for Clean Energy New York is a broad coalition dedicated to promoting clean energy, energy efficiency, a healthy environment, and a strong economy for the Empire State, and is New York's premier advocate for the rapid adoption of renewable energy and energy efficiency technologies.

www.aceny.org



- Doors & doors hardware
- Solid wood furniture
- Cabinet sets & hardware
- Lumber & trim over 4 feet
- Solid wood flooring
- File cabinets
- Lighting
- Plywood & sheet-goods, 1/2 sheet or larger
- Full boxes of laminate flooring
- Vinyl thermal pane windows
- Tools
- Usable bath & plumbing fixtures
- New kitchen faucets (in packaging)
- Usable electrical parts
- Unused carpet, rug, vinyl, tile, & counter top
- Bricks, pavers, & stone
- ShelvingSiding & fencing
- Glass & mirrors
- Roofing, flashing, & gutters
- Wooden mini blinds

- Upholstered furniture
- Disassembled pressboard furniture
- Lumber & trim under 4 foot
- Fiberglass insulation
- Commercial or institutional doors
- Office partitions
- Extra large desks
- Appliances or electronics
- 200+ volt lighting fixtures
- Boxes of mixed parts
- Rusty hardware
- Oil or alkyd paint & paint thinner
- Propane tanks or containers
- Non-starting gas powered equipment
- Combustibles
- Items with signs of mildew, rodent contaminants, rot or insect damage, water or moisture damage, too-thick paint, peeling paint, items at the end of their useful life & integrity



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