Energy and Power Group Ramps Up at O&G

Pair of major projects showcase capabilities

Rick Audette, Director of O&G’s growing Power and Energy Group, sizes up the current energy situation in America this way: “Energy has become a hot topic in just about every area of business – how it affects the environment, how we conserve it, how reliable it is, reducing greenhouse gases when we consume it. Even more so, we’re really looking at our dependency on foreign sources, how efficiently we use energy, and how much it costs us.”

In particular, Audette sees the need to reduce energy costs and become more energy-independent as a driver that has created a need for companies like O&G with the credentials and capability to tackle large-scale projects for a new generation of energy and power facilities. O&G’s experience in engineering and building efficient, new combined heat and power (CHP) plants as well as electric generating facilities and fuel distribution plants puts the company in a strong competitive position.

“O&G management is focused on pursuing potential energy projects throughout the area...”

CURRENT AND COMPLETED (top photo) A mixer delivers concrete for an elevated pour (behind yellow safety netting) as O&G builds a 14.6-million-gallon, liquid natural gas storage tank. (above) Crews create part of a complicated ten-mile-long, 115 kV underground cable power system recently completed by O&G (for more on this project see page 6).
that will draw on our years of large-scale construction experience and our diversification,” asserts Audette. “We’re positioned as a leader in New England for the construction of CHP energy facilities and fuel distribution plants.”

So just what is CHP, “combined heat and power?” It refers to a methodology for capturing waste heat, a byproduct from making electricity, and extracting even more energy from it. A gas turbine electric generator, like the one that O&G will install at the University of Massachusetts at Amherst, will throw off a lot of exhaust heat. But instead of that heat just dissipating into the air, it will be channeled to a heat-recovery boiler which in turn will create steam; that steam will then power a steam turbine generator and make even more electricity.

“CHP systems are typically 35 percent more efficient than conventional methods of supplying heat and electricity,” Audette observes. “We’re seeing hospitals, universities and large manufacturing facilities converting over to CHP plants. As energy costs rise and our dependency on volatile foreign sources remains, we expect to see a call for more CHP systems.”

Central Heating Plant at the University of Massachusetts

One such project where a CHP system will replace an archaic, inefficient system of coal-fired boilers and steam turbines is the new central heating plant being built by O&G at the University of Massachusetts at Amherst.

At this large campus where some 32,000 people occupy 10 million SF of space spread among 200 buildings, heating and cooling is a huge enterprise. Says Jim Cahill, Director of Facilities and Campus Planning, “If the heating plant were inoperable for any length of time, it would be like a body shutting down. The extremities of the campus would feel it first, then the cold would move inward.”

The new CHP will use advanced technologies, some of which are not commercially available at this time, to ensure that that never happens. It will recycle municipal wastewater effluent for the boiler’s make-up, thereby reducing the demand on water from the local public drinking supply by 200,000 gallons a day. It will produce 10 million watts of electricity at 13.8 kilovolts. Not only will the facility supply all the energy needs of the campus, it will create an excess of electricity to supply to other campuses in the state system, promising robust financial savings. It will also significantly reduce emissions of waste gas into the atmosphere, meeting some of the most stringent air quality requirements of any combustion turbine.

RAMPING UP  Continued from Page 1

RAMPING UP  Continued on Page 4
**GREEN BUILDING** is all about increasing the efficiency with which buildings and their sites use and harvest energy, water, and materials, and reducing building impacts on human health and the environment.

The U.S. Green Building Council (USGBC) authored the Leadership in Energy and Environmental Design (LEED) Green Building Rating System,® a “voluntary...national standard for developing high-performance, sustainable buildings” that covers both new construction and renovation. It emphasizes state-of-the-art strategies for sustainable site development, water savings, energy efficiency, materials selection and indoor environmental quality.

More and more clients are asking that O&G build according to LEED criteria. A project can be LEED-certified (earning points in design and construction) and individuals can be LEED-accredited after training and the successful completion of an exam. The criteria for LEED certification are heading toward becoming the industry standard rather than the exception.

As part of O&G’s commitment to environmentally sustainable construction, the company hosted a “LEED-NC Technical Review” private workshop, conducted by the USGBC, at its offices in Torrington. More than 30 employees participated in the workshop, preparing the company to better assist clients as they seek environmentally friendly design and construction.

One notable green project recently completed by O&G is The Esther Eastman Music Center at The Hotchkiss School in Lakeville, Connecticut (above and inset). The 42,200 SF center consolidates the school’s arts programs on campus in a building that is both long on innovative design features and architectural details, all the while being LEED compliant. It includes the “Pavilion,” a 715-seat concert hall, as well practice rooms, ensemble rooms, classrooms, and faculty offices. Operable wall panels open to a terrace and lawn for large community concerts. This new building achieved LEED certification; it also received a 2006 AGC Build Connecticut Award for large new construction.

LEED is a registered trademark of the U.S. Green Building Council

**“Green” projects at O&G**

- **New Science Building**
  Eastern Connecticut State University
  Under construction
  Eric Haaga, Project Manager

- **New Residence Halls**
  The Hotchkiss School
  Under construction
  Rob Martinotti, Project Manager

- **Monahan Adaptive Re-Use**
  The Hotchkiss School
  Under construction
  Rob Martinotti, Project Manager

- **Dining Hall, The Taft School**
  Preconstruction
  Brian Holmes, Preconstruction Manager

- **Danbury Elementary School**
  Preconstruction
  Lorel Purcell, Preconstruction Manager

O&G is a member of the USGBC
facility in America and satisfying the EPA who has the existing plant on a timetable for mandatory, permanent shutdown by March 7, 2008.

That March 7, 2008 date is a hard-and-fast deadline. And thus the focus and commitment one senses at the on-site trailer where Project Manager Lou Kesselman and his crew schedule and track every detail of a very complex project. Contracted as “construction manager at risk,” O&G has agreed to pay liquidated damages of $15,000 per day for every day the project misses the March 7 delivery date.

“What O&G has done,” says Kesselman, “is put together a very aggressive schedule for startup and commissioning of the plant. The contract requires the plant to be ready for startup and commissioning work in December of 2007. Our goal is to do startup and commissioning by September of 2007, which will give us a cushion to break in the plant and work out any bugs.”

The terms “startup” and “commissioning” refer to the final two steps that will be required to get the new plant into operating condition. Startup is the general cleanup and the operational checkout of the various systems, so all parties feel confident that components have been installed properly and will work. Commissioning is placing those systems into operation to verify that they meet their performance specifications.

The project comprises construction of four interconnected parts: the 45,000 SF central heating plant itself, a 6,000 SF steam and condensate building, a steam tunnel to the interconnections on campus, and a distribution network, bringing the total value, including design and engineering and other owner costs, to $118M. O&G’s focus is on getting the building erected so that when winter hits the team can move indoors and remain productive. At its peak, O&G projects a workforce of 200 on site to maintain schedule.

PREPARING THE INTERCONNECTS
Midway across the UMass/Amherst campus from the large site where the Central Heating Plant is rising are smaller but equally busy sites like this one for the Steam and Condensate Building where teams build the various interconnects that will receive and distribute energy from the new plant.
“We have lots of power plant and general construction process experience assigned to this job,” says Kesselman with some pride. Across the board, from scheduling, planning and costing to the specific construction methodologies unique to a project of this nature, the team has many decades of collective experience. Randy Swinford, Project Manager, concurs: “We have an exceptional team. Not only is the team experienced but we’re also working very well together.”

Bob LaRoche, Project Engineer, quips, “This work never gets boring. You’re always finding something you didn’t know was there. We always seem to bump into unmapped conduit and other things underground when we dig. It delays us, we’ve got to be careful and safety conscious, but we deal with it as quickly as we can and keep going.”

Chris Rizy is a Project Engineer and a veteran of the recent University of Connecticut Central Co-Generation Plant project (see sidebar, “Other Recent Energy and Power Projects at O&G” on page 6), jumped at the opportunity to work on this project despite the longer commute and his having been loosely scheduled to work another project. “This is a really interesting job. We’ve got a great bunch of subs working and I’m optimistic. Things are going very well, especially when you consider how difficult and complex this project is.”

The difficulty and complexity of projects like this one can snare an unwary contractor. Kesselman has seen it happen over his decades working in the field of power and energy. “Lots of companies get into this area,” he observes, “but there are very complex processes and methodologies of construction that are critical. Lots of projects come in above budget and over schedule. Lots of companies just seem to wash out – they underestimate what must be done and they just get overwhelmed with the scope and the details.”

 Aside from managing all the technical details of the job, maintaining positive working relations with the university is another matter of importance to the O&G team. They see themselves as being a good neighbor, and give high praise to the university’s staff. Creating a visible, major disruption to portions of the campus – digging trenches, cutting roads, piling mounds of earth, rerouting traffic, slicing across athletic fields, working around major functions – is asking for “issues” with the thousands of folks who call the campus home. But with a cooperative attitude these issues have been minimized. According to Kesselman, “UMass has been just great. They basically say, ‘We know it’s construction, we’ve got to get it done, we’ll work with you and do whatever we can to help.’ We do our best to return that spirit.” UMass has also given O&G’s team high marks for its performance, regarding them as one of the best contractors with whom they’ve partnered and whose work planning and scheduling “sets the standard.”

Some nine months into the project at UMass, the team remains right on schedule.

Yankee Gas LNG Facility

With an eye toward greater flexibility so it can buffer the effects of seasonal price fluctuations on its customers, Yankee Gas has contracted with prime Chicago Bridge & Iron and O&G to construct a new $108M Liquified Natural Gas (LNG) Facility in Waterbury, Connecticut. Building a high-capacity storage tank, Yankee Gas knows, is a far less costly and far quicker proposition than constructing new pipelines to carry LNG into the region.

Only a handful of similar structures exist around the world in places like Barbados, Nigeria, the north of England, Russia and the United Arab Emirates. This is the first of its kind in North America.

---

ON THE YANKEE GAS LNG FACILITY...

Only a handful of similar structures exist around the world in places like Barbados, Nigeria, the north of England, Russia and the United Arab Emirates. This is the first of its kind in North America.

---

RAMPING UP

Continued on Page 9
Other Recent ENERGY and POWER Projects at O&G

University of Connecticut Central Co-Generation Plant

Teamed with Select Energy Services, O&G delivered a $65M co-generation/chilled water facility at the University’s Storrs Campus in January of 2006. This 30,000 SF addition to the Central Utility Plant utilizes three combustion turbines by Solar Turbines to deliver an additional 6,300 tons of chilled water and 22 mW, meeting existing and future energy needs of the campus. O&G served as Building Contractor and Construction Manager, and self-performed site and concrete work.

115 kV Underground Cable System

O&G was the Civil Contractor for this $60M Northeast Utilities project which included the installation of approximately ten miles of underground conduit with three runs of cable and six riser structures. At times eight crews worked simultaneously both day and night while traffic flow was maintained and over 280 existing utilities were worked around. The project was successfully completed in May, 2006, ahead of schedule despite having a delayed start date.

MAKING A HI-RISE POUR LOOK EASY

Nearing the top of the tank, somewhere around 100 feet off the ground, crews continue their formwork, installing 32-ton wall forms and precisely positioning ductwork within a maze of rebar (top photos), while behind them other crews use a crane to hoist tons of inspected and certified concrete to pour into the waiting wall forms. This two-foot-thick concrete shell will encase the steel walls of the tank.
Yankee Gas LNG Facility

In a project with numerous features that demand a considerable degree of engineering and construction expertise, these features stand out:

- Pouring the tank’s concrete walls in ten-foot lifts and four pours, using single-sided circular wall forms that weigh nearly 32 tons and that necessitate the services of a fork lift, three cranes and five different crews;

- With air pressure, elevating a 400,000-pound domed steel roof from the ground where it was fabricated to the top of the walls to be welded into place to seal the tank (performed by CB&I);

- Locating and installing 112 vertical and 188 horizontal post-tensioning ducts at regular intervals within the walls with an almost zero tolerance, and then installing cables inside these ducts, tensioning them and flooding the ducts with grout;

- Designing a work platform that can ascend and descend the whole height and circumference of the tank for post tensioning work; and

- Developing a methodology and equipment for concreting over the elevated tank roof.

LNG STORAGE TANK STARTS TAKING SHAPE

Beginning in April of 2005, after extensive site preparations, work on the tank portion of this project got underway. (from top) Circular rebar base framework some 160 feet in diameter ready for concrete; the tank’s steel walls being assembled; at ground level, crews begin pouring concrete to encase tank walls; a story above ground, crews continue installing forms and rebar up and around the tank from a movable platform.
“New” Quarry Extends O&G’s Stone, Gravel & Sand Offerings

In New Milford, a quarter mile from the Housatonic River near an old railroad spur, the steady sounds of heavy equipment and crushing plants at work cut the steamy summer afternoon at O&G’s newest quarry, Quarry No. 5. In reality, it’s anything but new.

The facility’s most recent owners, brothers Bob, Roger and Paul Kovacs, operated the plant as Advance Stone Inc. (ASI) for decades. Before them came earlier owners back into the 1800s who at various times opened, closed and reopened the facility. Not only was rock quarried here but, according to the stories passed down employee to employee, industrious quarrymen tried other enterprises as well – like building a limestone kiln (whose brick walls still stand at the site) to “cook” limestone into a powder useful for agriculture and mortar-making. Limestone block was also cut, carted by oxen, loaded onto nearby rail cars and shipped to metropolitan areas for municipal construction.

O&G assumed ownership of the operation the first day of this summer, June 21st, and has spent these initial months sizing up the operation and drafting plans for expansion and modernization. Says John Jenkins, who splits his time managing the Southbury quarry and New Milford, bringing the plant to higher capacity is tops on the list. “Right now we’re making about 70 tons of sand an hour, but this winter we’re hoping to install a new plant that will make several hundred tons an hour,” he says.

And the sand is a thing of beauty. It’s very white, nearly the whiteness of baby powder, and is prized by contractors working on beaches, golf courses and high-end housing projects. It comes from the limestone veins that run throughout the quarry. The limestone is also crushed to various popular sizes.

As far as facility size goes, at 340 acres and with considerable untapped reserves, New Milford falls about in the middle of O&G’s quarries. It’s dwarfed by Southbury at 800 acres but more than twice the size of Park Road, O&G’s smallest quarry at 140 acres.

Ken Merz, Corporate Secretary, says O&G acquired the quarry to support existing operations company-wide. “We’re looking to increase our reserves for the production of coarse and fine aggregate as well as sand. This plant fits the bill,” says Merz. “Its location is also particularly advantageous to our operations on the western side of the state and in eastern New York.”

O&G chose to maintain the existing staff, adding a couple of O&G veterans to the mix. Both parties – O&G and former Advance Stone employees – seem pleased with the way things are working out. “Everyone’s been very accommodating,” says Gigi Manville, an outgoing scalehouse operator who had worked for eight years at ASI before the acquisition. She and fellow scalehouse operator Mike Simmons are happy with the transition and look forward to the changes that will be coming.

Being a small operation, albeit on a fairly large site, all the coworkers know each other and work together well. In addition to Manville and Simmons, the New Milford crew consists of Tim Beers (loader operator), Joe Hallas (mechanic and plant operator), Steve Hilyard (loader and plant operator), Avedair Lopes (welder, mechanic), Frank Marsh (operator), Scott Pinckney (operator), Stan Tibarske (operator) and Aaron Whitlock (general maintenance man).
Joe Ciriello

Joe may have been with O&G for just a few years, working in sales at Bridgeport Masonry Products, but in that short time he garnered a reputation as a man capable of handling any assignment thrown his way, accomplishing it with a smile and a “can-do” attitude that earned Joe many friends.

“I can’t say enough good things about the guy,” says Craig Alvarez. “Whatever you asked him to do, it was done with a smile and done quickly. Nothing was ever a problem for Joe. I only knew him for two years but I felt like I knew him for twenty.” Joe was also respected in his community. Says his wife of seventeen years, Arlene, “Joe was always 100 percent hands-on with our kids.”

Among other things, he coached the sports teams his two sons played on. After he lost his battle with cancer, many people came to pay their respects, including whole teams of kids Joe had coached.

Lola Cyr

“She loved working at O&G. She was there thirty-three years. My mom considered the people at O&G like family. I think she would rather have been at work than at home!” says her daughter Diane of Lola Cyr who lost a struggle with cancer but won the hearts of many at the company’s main office. Coworker and friend Shirley Durante still smiles when she remembers Lola. “I don’t think a day goes by when someone in the office doesn’t say, ‘What would Lola say about THAT?’ She was a lot of fun.”

Lola helped start the unofficial “Accounts Payable Breakfast,” an irregular ritual of cheese, pepperoni, crackers and spicy sides at 7 AM. She also was a dedicated worker who, as ill as she became, would never fail to show up for work as long as she could get herself there. “She was an upbeat person,” says Ken Merz. “Lola was very dedicated and inspirational and always made the best of difficult situations.”

Jack Perry

“Thirty years I knew Jack,” says Greg Margaitis, “and he always started the day with a smile. He had a great attitude and always finished the job with a smile no matter how long the job took him.”

Jack Perry is remembered as a conscientious, much-loved employee who worked as a mixer driver out of Torrington for more than thirty-three years before he passed away unexpectedly at the age of 57. Bill Stanley praised Jack’s work ethic and the way he’d gladly help new drivers learn the ropes: “He was a likeable guy and a very dependable mixer driver. He was also excellent at serving our customers. He may have reported to me but I came to consider Jack a close friend.”

Those who knew Jack will surely remember the way he kept his mixer meticulously clean, treating it like it was his own. Jack leaves his wife of 29 years, Beverly, a son, three step-daughters and two grandchildren.

Patty Schreiber

Many at O&G were shocked to hear of Patty’s untimely death in a car accident over the Easter holiday. (Many employees and customers would recognize her smile from O&G’s 2006 corporate calendar.) Since 2004 Patty worked in sales at O&G’s Kitchen and Bath Showcase in Danbury, a job she took seriously, says Bob Rizzo. “Patty really loved selling the different products there — the tile, the stone, the ceramics — and she seemed to really like being in this industry. She enjoyed investigating the new products and options out there and she gained a level of expertise that was very helpful to us and to our clients.” Patty’s dedication to her work showed in the way she treated customers. She was very helpful and pleasant, and had a lot of energy to give to the job. She made selling earth products her profession. Says Rizzo, she was also a team player who will be greatly missed.

Parasuraman and team enjoy a cooperative relationship with Yankee Gas representatives. “They’re easy to work with. They understand our challenges and are willing to work with us.” Working directly with Chicago Bridge & Iron presents a challenge in that virtually every bit of documentation must be communicated electronically to the firm’s offices. But that’s something the O&G team has adjusted to. They have also compensated for weather and design conditions that made it nearly impossible to work between Thanksgiving and June. “On the tank we could accomplish zero percent during this period,” says Parasuraman, but he adds with characteristic precision, that the schedule is back on track and now stands at 78 percent complete.
Richie Carbone certainly retired a member of the select group of LONG-term O&G employees, having joined the company as a driver in 1964 and delivering concrete for most of his 42 years with the company. He’s a real “people-person” who saw customers as folks to have a quick, friendly chat with as he made his deliveries. It’s not the work he misses, it’s the people he worked with, especially guys like Stan Dziedzic, Bobby Turiano and the late Jack Perry. As far as retirement plans, he wants to tackle painting his house, and this fall he’ll be off with wife Yvette and a few other couples for a cruise to Spain, France and Italy. Enjoy, Richie!

Carolann Cote – Carol or CC to her friends – retired after a fairly short but satisfying stay with the company as a Purchasing Assistant working at South Leonard Street in Waterbury. She came to O&G as a temp at a more “seasoned” age, but fit right in and O&G eventually put her on the company payroll until her retirement. “It was time,” says Carol who’s appreciating time being a grandmother (we caught her rushing out the door to spend “fun time” with her eight-year-old granddaughter). She was touched with the cards and emails she received from her O&G coworkers, and has a special fondness for Gail Leifert, the late Lola Cyr, and Jack Harding, all of whom she worked closely with. We miss you, Carol.

Raised in Tipperary, Ireland, Pat Cullagh still sports a hearty brogue as he talks about his 14 years as a carpenter and supervisor at O&G. Although he was a skillful manager of carpentry crews over the last decade, working with his hands brought Pat the most satisfaction. “I like the general contracting where we’d do everything from forms and footings to doors and sheetrock, and then finish up with the trim,” Pat speaks warmly of his coworkers (“There were lots of great guys working for me, lots of foremen who once worked for me, lots of great laborers, too”) as well as clients, notably Taft and Hotchkiss Schools where Pat led crews on several large, interesting projects. One thing he won’t ever miss, however, is being out in the cold. His wife, Breda, who hails from Dublin but who met Pat in New York, has turned supervisor and gotten Pat busier now with home projects than when he was working. Between visits to Florida, playing golf and keeping Breda happy, Pat is leading a busy retirement.

“I’m having nothing but fun!” says Fred DeLeon, living near the water in Milford and spending a lot of time on Long Island Sound in his 28-foot pleasure boat. He also pitches in to help with his seven grandkids (when we telephoned Fred the first
time, his wife Sophie said he was off shuttling one of them to a piano lesson. What he remembers most of his 16 years as a driver at O&G’s Bridgeport and Southbury facilities, especially comparing them to time logged at other firms, is O&G’s professionalism: “They do everything right,” says Fred. He points with pride to one episode where he was stopped on I-84 returning from Dover, NY, by DOT officers who thought O&G had overloaded the truck. “I told him O&G has a permit to carry 100,000 pounds. ‘No way,’ the officer said. So I pulled out the permit, and he read it and said, ‘Thank you!’ and took it over to show the other guys. That was the first one they saw, I guess. ‘O&G abides by the law,’ I told him when I drove off!” Thanks for the years of loyal service, Fred.

Norm Saucier has sawdust in the blood, having worked with wood since he was 15 in northern Maine, beginning with an uncle who was a “first class carpenter.” Carpentry is all Norm has ever done, and he did it very well and was recognized by O&G for his skills. Back in 1989 when Norm began work at O&G, he didn’t last but three days on his brand new job before he was elevated from carpenter to carpenter foreman. “Leo Nardi told me, ‘Norm, I’m going on vacation and you can take over the foreman job.’ ” he recalls 16 years later: Norm now has time to help his daughter’s business, do some fishing and bowling, and pursue his music. Norm has been playing guitar and singing with “The Starfires” for 44 years – as long as he’s been married to Monique. “My only regret as I look back is that I came to O&G too late. O&G was very good to me and my family. They’re the only company to work for.” It’s been an honor to have you on our team, Norm.

Frank Warner began driving for a living in 1970, and since 1986 drove for O&G – primarily mixers, occasionally dump trucks. “I enjoyed the challenge of it,” says Frank. One of the challenges was not getting stuck, which nonetheless did happen a few times, once so deeply in soft ground that it was level with the bottom of his cab door: “Anybody who drove mixers enough has gotten stuck. If they say they never have, they’re not telling the truth.” Single and without kids, “free” describes the lifestyle Frank has purposefully set up: he wanted to retire without debt and bills and payments and he’s pretty much done just that. “I’m a free spirit, I’m free of everything.” Frank has lots of friends and always stays busy, “roaming, doing nothing special,” he says. He’s always liked fishing and hunting, and this fall plans on getting into deer hunting in a big way, and after that, turkey hunting. Enjoy, Frank!

A mixer driver out of Davenport Street in Bridgeport, Stan Yurevitch says you have to like driving or you have to get out of that line of work – and he obviously liked his work. He was assigned to a brand new Oshkosh front-loading mixer in the mid-1990s and that was his truck until he hung up the key for the last time. “I want to thank O&G for the years I worked for them,” he says. “Like anything, there were a lot of ins and outs to running a mixer, and we all watched out for each other. You could say that everyday you’d learn something new.” He has a sister and nieces living nearby, but Stan wants to plan some trips to visit relatives in New Jersey, North Carolina and Pennsylvania whom he hasn’t see in quite awhile. He may even try to pick up a new hobby. The future awaits, Stan – go for it!
A SAMPLING OF NEW PROJECTS AT O&G

TAPPED TO WRAP IT UP

This summer O&G was selected to take over construction responsibility for the beleaguered I-84 lane widening project on the east side of Waterbury. O&G has restarted the project and will wrap up all work on this three-mile stretch of highway, including ramps, drainage and plantings, by June 1, 2007.

On the Move

Yale University Science Hill Utilities Improvements, Part C
New Haven, CT

O&G is working on a $9.8M project at Yale’s Science Hill, installing 3,700 LF of trench for new utility piping lines. This project will create a secondary utility interconnect between the Science Hill campus and the Central Power Plant. With mechanical subcontractor Buckingham Routh Company, the project is being undertaken along busy roadways and parking areas and next to occupied dorms, classroom and administrative buildings. It also addresses future site facility requirements, adding steam and chilled water connections and electrical duct banks for the upcoming Yale University Health Center. Yale’s Project Manager is Lou D’Amora. RMF Engineering is the project designer, represented by John Williamson. O&G is the general contractor, self-performing excavation, civil and concrete work. The O&G team is led by Project Manager George Parenteau with Project Superintendent Tony Antonino and office support from John D’Aversa. The project is scheduled to be on-line by November 30, 2006. Final milling and paving will be completed in the spring of 2007.

ECSU New Science and Classroom Building Willimantic, CT

O&G is the General Contractor for the $45.8M Science and Classroom Building at Eastern Connecticut State University. The 173,000 SF facility will house the university’s biology, mathematics and computer science, environmental earth science, and physical science departments. It will also include the Center for the Study of Sustainable Energy. The SLAM Collaborative of Glastonbury, Connecticut, designed the five-story brick, steel and glass structure. The project has applied for LEED Silver Certification (see page 3), having incorporated many environmentally responsible and innovative design elements and materials. O&G is working with Nancy Tinker, ECSU’s Director of Facilities, Ken Fitzgerald of the Connecticut DPW, and Konover Construction as the Construction Administrator. Completion is scheduled for spring, 2008.

Trinity College Sports Complex
Hartford, CT

This $11M sports complex will feature an NCAA regulation hockey rink, climbing wall room, concession area, offices and exercise rooms. Although the 58,000 SF building is pre-engineered, architect Sasaki Associates of Watertown, Massachusetts, has customized the building to utilize mezzanine areas, bay windows and interior and exterior wood paneling. Rink seating combines precast bleachers with wood benches, retractable bleachers, stadium seating with fold-up seats and areas for wheelchair access. Locker rooms, bathrooms, referee rooms, scoreboards, safety netting and skate tile flooring are included. The building’s north entrance has a vestibule covered with finished millwork and a lobby with thirty-foot-high ceilings, paneling and wood benches. Thomas Fusciello is Trinity’s Project Manager. O&G’s team includes Project Manager Damon Cooke and Superintendent Jim Nardi.

The Hotchkiss School New Residence Halls
Lakeville, CT

This $18M project calls for the construction of two new residence halls, each with student rooms and staff apartments. The project was designed by Robert A.M. Stern Architects to achieve LEED Silver Certification (see page 3). The two, three-story buildings total 51,000 SF and feature high-quality finishes to complement the surrounding buildings and meet the standard of excellence that is the school’s goal. The Hotchkiss School’s Project Coordinator, Charlie Geyer, has been instrumental in minimizing infrastructure and utility interruptions as the buildings are tied into existing campus systems. The project team includes The Stone House Group as commissioning and LEED consultant, Van Zelm Heywood & Shadford as mechanical/electrical engineer and DeStefano Architects as structural engineer. The halls will be complete for the 2007-2008 academic year.