



Energy International Report

THE NEWSLETTER FOR THE EMPLOYEES AND FRIENDS OF ENERGY INTERNATIONAL CORPORATION

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EIC report is published four times a year by and for the employees of Energy International Corporation and their friends and associates in the business. All inquiries should be sent to: jpeter@energyintl.com.

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Looking Forward to 2023

The last year seems to have gone by fast, but looking back our company was able to accomplish a lot and we are looking forward to a successful 2023. Things are picking up in the Middle East with new projects being announced. The massive Red Sea project in Saudi Arabia offers a lot of opportunity for Energy International Controls and the end of the pandemic has opened up opportunities in the UAE, Bahrain, Qatar and Jordan. As we look back on the past year we see much success with our Jordan office renewing a maintenance contract with the Queen Alia airport and holding successful seminars to bring attention to new products from York. Our UAE workers found a way to work through the pandemic to complete a large project in Dubai and our Qatari office played a role in that country's successful hosting of the 2022 FIFA World Cup. The latest issue of the Energy International Report covers these and other successes we have had throughout the year and some announcements that will help us enjoy a successful 2023. Thank you for all your hard work and dedication to the company. Without you none of this would be possible. Please feel free to share this newsletter with your customers and clients. Wishing you a Happy New Year filled with health, success, happiness and prosperity.



Be a Part of the Energy International Report

The EIC Report is designed to keep everyone at Energy International informed about the happenings at EIC, from the acquisition of multi-million dollar contracts to the latest additions to the EIC family. We need your participation to help make it a success. If it's of interest to you, it's of interest to us. We'd also like to know what you think about the newsletter content and format and how we can make it better. Send all your news, information, thoughts and ideas to jpeter@energyintl.com. I look forward to hearing from you.



Bechara Saab Named as GM for Energy International Controls, KSA

Bechara will oversee all sales and operations for Energy International's Saudi Arabia offices

Energy International is pleased to announce that Bechara Saab has been named as Vice President / General Manager for Energy International Controls, Energy International's Saudi Arabian Division.

Bechara will oversee the day-to-day operations of Energy's offices in Riyadh, Jeddah and Dammam as well as the Estimation, Logistics and Shipping departments headquartered in Beirut, Lebanon. He will also continue as the General Manager for Energy International & Engineering in Lebanon.

Bechara joined Energy International Corporation in 2005 as General Manager of Energy International & Engineering, the corporation's Lebanon office. After a promotion to Vice President for Energy International Corporation, Bechara grew Energy's market share in Lebanon while developing a presence in North Africa.

In 2018, Bechara reached an agreement to have Energy International represent Watts Water Technologies Lebanon. Due to the successes in Lebanon, Watts has



Bechara Saab has worked for Energy International for 17 years joining Energy International in 2005 launching the office in Beirut, Lebanon.

expanded its agreement with Energy International to include the Saudi Arabian and African markets.

"Bechara has been a key member of Energy International for many years," said Dr. Ned Fawaz, Founder and CEO of Energy International Corporation. He has worked with

the company to establish operations in the Saudi market. His experience with HVAC and electromechanical equipment and sales will help us grow our market share in the KSA. We wish him the best of the best of luck in this new position and look forward to prosperity and success in the coming year." ■

EIC Jordan Celebrates Contract Extension with Queen Alia International Airport

Energy International Corporation CEO and founder, Dr. Ned Fawaz fifth in from the left in the photo at left) joined the Jordan office staff for a luncheon celebrating a five-year contract extension to provide technical maintenance and support to the Queen Alia International Airport in Amman, Jordan. Energy International has been providing maintenance and support to the airport since 2013. Energy Jordan designed, supplied, installed, tested and commissioned the building management systems to the airport during construction and has been retained by the airport management to continue to provide support. Congratulations to General Manager Fadi Rashid and all the members of the Energy Jordan staff for your success. ■





Energy International Jordan Hosts York Seminar

Area consultants and clients are introduced to new JCI/York HVAC and air-conditioning technologies

Energy International Jordan held a two-day technical workshop at the Movenpick – Amman.

Representatives and owners of interior and architectural firms along with MEP engineers were introduced to the Johnson Controls /York line of Amici applied commercial air-cooled DC inverter scroll chillers and heat pumps.

Amici units are designed to replace the traditional boiler for heating residential villas during the winter season.

Attendees were treated to a technical presentation and an opportunity to see the units up close and have questions answered by JCI technical representatives.

Energy International Jordan is an authorized distributor for York in Jordan and has installed York chillers and AC systems to a number of prestigious projects in the country. 🇂🇵



EIC Jordan GM Fadi Rashid (right) poses with Mohd Bakliz, Sales Director, Applied Indirect - Applied Products MEA | Building Efficiency for JCI.



Workshop attendees (top and bottom left) learn about the benefits of using York Amici heat pumps from York/ JCI and Energy International technical experts. Anas Mustafa (above left) Business Development Manager & Strategic Accounts provides technical information on Amici. Amici demonstration units were on display with technical experts (above right) on hand to provide information and answer attendee questions.



Energy International Jordan Engineers Receive Honors

Mustaf and Jaber recognized for their contributions to the Scientific and Cultural Committee workshop

Energy International Jordan, in cooperation with the Jordan Engineers Association, Aqaba branch, and organized by the Scientific and Cultural Committee, held a scientific workshop on "Raising the Thermal Efficiency of Buildings" using cutting-edge water cooling and heating technology.

Engineer Waseem Baqain, a board member, opened the workshop, welcomed the attendees, and introduced the lecturers.

At the conclusion of the workshop, The Jordan Engineers Association honored the lecturers, Engineer Mohannad Jaber and Engineer Anas Mustafa from Energy International Corporation. ■



Anas Mustafa (above and top right) and Mohannad Jaber (bottom right) receive their honors from Engineer Waseem Baqain of the Jordan Engineers Association.



Sam Nassif, EIC's Middle East rep for Lau Industries, visited the King Abdulaziz Center for World Culture in Riyadh, KSA. Sam was on a five-country trip to meet with Lau customers throughout the MENA region.



Ahmed Mohsen (left in photo at right), General Manager for Green Energy Air Conditioning Systems LLC, an affiliate of Energy International Corporation in the UAE, welcomes Purified Aire Ltd. Managing Director David Collins the Green Energy Booth. Green Energy was displaying at Gulfhost 2022 held at the Dubai World Trade Centre November 8 - 10, 2022. Green Energy manufactures ecology units for the restaurant and hotel industry. Their GEEU units feature Purified Aire components as part of the overall air purification system.



Dropping the Curtain on Fire Safety

Energy International's Sharjah office supplies fire curtains to the new Flydubai Headquarters

Flydubai, also known as Dubai Aviation Corporation, is the main airline for the United Arab Emirates. The Emirati-government-owned airline flies to 95 destinations, serving the Middle East, Africa, Europe and Asia from its hub, the Dubai International Airport.

In December of 2017, Flydubai broke ground for a new headquarters complex. The facility, constructed on a 100,000 square-meter site located at Warsan 3, adjacent to Al Awir Road and Emirates Road 163, will be the new home for the airline's office-based employees.

The nine-story complex will incorporate training facilities, sports facilities, a medical



FlyDubai's state-of-the-art headquarters building utilizes the latest design and innovations available to the construction industry to provide a sustainable working environment for their employees. The new complex features sports and training facilities a medical clinic and restaurants.

clinic and a choice of restaurants, while providing employees with a modern, comfortable working environment.

Flydubai says the headquarters will be a purpose-built facility supporting the continued needs of the airline's operations, utilizing the latest designs and innovations available in the construction industry to provide a sustainable working environment for Flydubai's employees.

Energy International UAE and the Sharjah office was chosen to by contractor Al Naboodah Contracting Group to supply fire curtains to the new headquarters.

Energy International is the authorized

distributor for BLE Smoke & Fire Curtains in the Middle East with an extensive history of supplying smoke and fire curtains to many prestigious project throughout the region including The New Doha International Airport in Qatar; the King Abdullaziz Center for World Culture in Saudi Arabia and the Bahrain International Airport in Bahrain.

"Our scope of work comprised the installation, testing and commissioning of BLE fire curtains," said Shabbir Basheer, Manager for Energy International Sharjah. "Overall we installed about 900 linear meters of fabric throughout the multi-story building."

Shabbir points out that the installation



phase was carried out at the of the height of the COVID pandemic creating a number of obstacles during the installation process.

"The number of persons permitted to travel and work on various aspects of the project was limited," said Basheer. "Normally, several MEP services have to be coordinated with our head box installation, and because of the restrictions, effective coordination was delayed."

"We expected to finish the installation in three to four months," Basheer added. "However it took over a year to complete the installation, testing, and commissioning of the system."

BLE is a leading manufacturer of gravity fail-safe smoke and fire curtains. Gravity fail-safe curtain are designed to automatically deploy to contain smoke and fire.

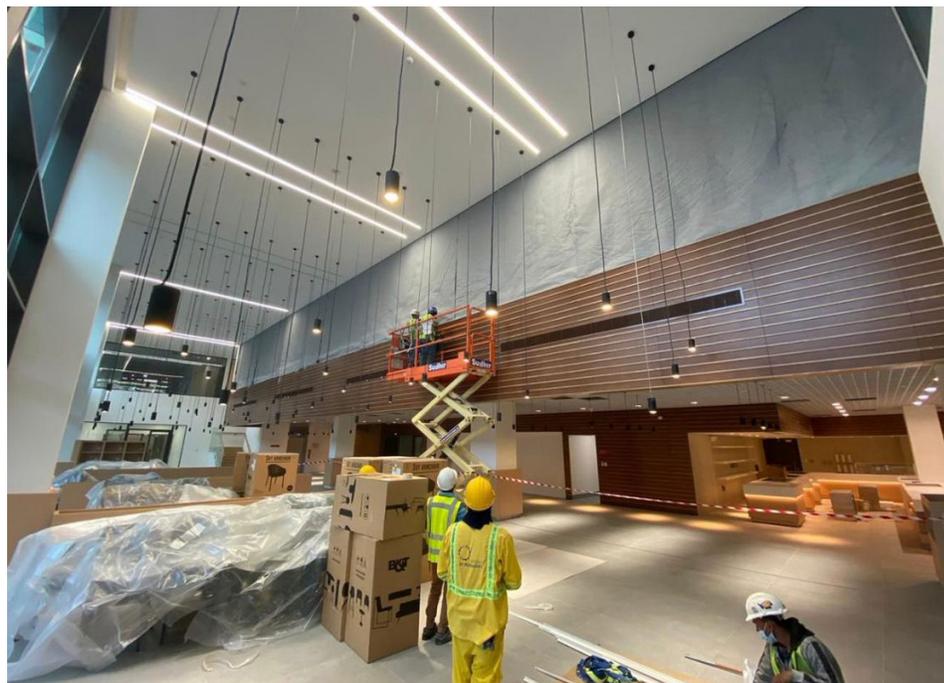
The Flydubai headquarters building was fitted with BLE's FC2 Fire Curtains designed to contain the fire providing an escape route for building occupants.

FC2 fire curtains are constructed of a woven glass fiber with stainless steel wire reinforcement that ensures it can stand up to the most severe of fires.

FC2 curtains are the highest-performing curtain in the BLE product range rated at 1,000 degrees C for up to 240 minutes integrity and 60 minutes radiation to BS EN 1634-1 and BS476 Part 22.

Energy International and BLE engineers worked together with the building designers to place the curtains where they would be most effective in providing the best protection and escape route for building occupants.

BLE FC-2 fire curtain are installed in headboxes that can be designed to integrate into the building's architecture and be completely unobtrusive until they need to be deployed. 🇦🇪



Workers install fire curtains in the main atrium of the new FlyDubai headquarters (top). The team installed 900 square meters throughout the complex. Fire curtains are designed to automatically deploy during a fire containing the fire and providing a safe escape route for building occupants.

Shabbir Basheer, Manager for EIC Shrajah, points out that the installation phase was carried out at the of the height of the COVID pandemic creating a number of obstacles during the installation process.



World Class Products for World Cup Projects

Energy International Qatar plays a part in preparing for the 2022 World Cup

Congratulations to Lionel Messi and the Argentinian national soccer team for their victory in the 2022 World Cup. And congratulations to Qatar for putting on a great tournament, gracing the world stage with their hospitality and dedication to the sport of soccer.

The 2022 World Cup's 64 matches were played over a reduced span of 29 days. The tournament was moved to November and December to escape the intense summer heat that would have come if the games were held in June and July.

More than 2.4 million fans attended the group games while television viewers number in the tens of million worldwide.

The host country of Qatar spent an estimated USD 208 billion preparing for the event, building seven new stadiums, refurbishing one existing stadium, constructing new roads, a high-speed rail network and a new airport. Unlike previous World Cups, all of the venues were within a 31-mile radius allowing fans to attend more than one game per day.

The capital city of Doha also added hotels with 55,000 rooms to accommodate fans, players and officials.

The team at Energy International's office in Qatar also found



Lionel Messi and team Argentina hoist the FIFA World Cup.

success in bringing the World Cup to Qatar. General Manager Ziad Khalid and his team played an important role in the construction of several prestigious projects for the World Cup including a high-profile hospital project.

The following is a list of prestigious projects and the world class products provided by EIC. 🇸🇦



Iconic 2022

The Iconic 2022 building was built to commemorate the FIFA World Cup 2022 in Qatar. Recognized for its design taking the shape of the year "2022", the Iconic 2022 building will be the focal point for fans and visitors providing a perfect setting for photographs. Aside from a great photo opportunity and an Instagram-worthy location, Iconic 2022 houses a selection of restaurants, fitness centers, a beauty salon and several Monoprix grocery stores. Energy International supplied and installed BLE UK smoke curtains as part of the structures fire safety system.



Panda Enclosure and Tourist Facility at Al Khor Park

Qatar is the first Middle Eastern country to construct a new Panda House, among one of the biggest enclosures in the world, as a part of the FIFA World Cup celebrations. The Chinese government sent the Pandas as a gift to mark the World Cup. The Panda Park adds to the many attractions that this long-standing park already has, which include; a birdcage, a museum with an area of 1,200 square meters, a games area, an artificial lake, and a restaurant for families. Energy International supplied humidifiers from Carel of Italy.



Featured Projects

FIFA World Cup Projects - Doha, Qatar



Katara Towers

These crescent-shaped Iconic Towers in Lusail are an architectural translation of Qatar's national seal, representing the traditional scimitar swords. Raising gracefully from the podium level, the arched towers host a five-star hotel with 361 rooms and suites to cater to discerning business travellers, an all suites five-hotel with 132 keys to meet the needs of those seeking sophisticated luxury accommodation and 49 apartments to become home to permanent residents. Katara Towers is the first hospitality project in Qatar to receive a certificate for the GSAS Design & Build 5 Stars rating. Energy International supplied water hammer arrestor from Jay R. Smith USA to the project.

Barwa Marinata and Barwa Barahat Al Janoub Clusters



Barwa Real Estate Company's 'Madinatna' and 'Barahat Al Janoub' housing projects at Al Wakra city with a total plot area of 1,141,689 square meters aims at building an integrated residential city for families and workers to provide quality living for its residents. The city is based on community cluster with designs inspired by traditional Qatari architecture with G+4 buildings. Madinatna will be equipped with the latest smart city technologies to provide innovative solutions and services to different segments of the Qatari community, with residential environments that meet the highest standards and specifications. These are made available as accommodations for football fans attending FIFA 2022. Energy International supplied water hammer arrestors from Yongtong Brass Company to the project.

GWC Al Wukair Logistics Park

As the first regional supporter and official logistics provider for the World Cup, GWC Al Wukair Logistics Park will play a very pivotal role as the main distribution hub during the World Cup assisting micro, small, and medium enterprises (MSMEs) with their deliverables. This strategically positioned 1.5 square-kilometer facility caters to a whole range of industries that require light industrial workshops, storage units. According to GWC, Al Wukair Logistics Park offers a one-stop-shop for leasing a warehouse or workshop, company formation formalities, including applications for necessary permits, and logistics operations. Energy International supplied oil Interceptors (Jay R. Smith USA) and acid neutralization tanks (IPEX USA).



Musheirib Downtown Doha

Musheirib Downtown Doha is the world's first sustainable downtown regeneration project and one of the smartest cities on earth, strategically located in the heart of Doha – the capital city of Qatar – only minutes away from the Hamad International Airport. Musheirib Downtown Doha, inspires a modern and digital community, featuring smart living and working environments, and is nothing short of a wonderful place to work, shop, enjoy and live. Energy Qatar supplied custom-designed drainage products from Jay R. Smith USA to the project.



Featured Projects

FIFA World Cup Projects - Doha, Qatar



Pullman Doha West Bay

These crescent-shaped Iconic Towers in Lusail are an architectural translation of Qatar's national seal, representing the traditional scimitar swords. Raising gracefully from the podium level, the arched towers host a five-star hotel with 361 rooms and suites to cater to discerning business travellers, an all suites five-star hotel with 132 keys to meet the needs of those seeking sophisticated luxury accommodation and 49 apartments to become home to permanent residents. Katara Towers is the first hospitality project in Qatar to receive a certificate for the GSAS Design & Build 5 Stars rating. Energy International supplied water hammer arrestor from Jay R. Smith USA to the project.



Steigenberger Hotel

The Steigenberger Hotel in Doha is the new flagship of this renowned hotel brand in Qatar. German and Qatari hospitality are united under the roof of Steigenberger Hotels & Resorts. The building's modern, urban design complements Doha's exciting cityscape and represents an image of elegance, sophistication and iconic construction. Steigenberger Doha is ideally located in the heart of the business district on Al Matar Street, the airport road. Energy International supplied and installed BLE UK smoke Curtains to the project.



Hamad International Airport and Doha International Airport Expansions

Qatar is fortunate to have two major airports servicing the capital city of Doha. Hamad International Airport is the home of Qatar's flag carrier airline, Qatar Airways. Located east of its capital, Doha, it replaced the nearby Doha International Airport as Qatar's principal airport. Doha Airport reopened to 12 passenger airlines in September 2022 for the World Cup and reduce pressure on Hamad International. As part of ongoing expansions for both airports, several fit-out works and customers lounges have been introduced to accommodate passengers traveling for FIFA 2022. Energy International supplied water hammer arrestors, trap primers, roof outlets, wall hydrants and associated products from Jay R. Smith USA to the expansion projects.



World Class Medical Care for the World Cup

Energy International Qatar Supplies High Plume Fans to Major Hospital Project

Qatar provided more than hospitality to those attending this year's FIFA World Cup, opening the doors to a new hospital dedicated to providing medical care to fans and players alike.

The Aisha Bint Hamad Al Attiya Hospital is one of four Hamad Medical Corporation (HMC) hospitals designated for urgent but non-life-threatening cases..

The advanced medical facility, conveniently located between Al Bayt Stadium and Lusail Stadium, offers the latest technologies and equipment with a competent and highly-prepared staff to receive patients during the tournament.

The main building of the hospital consists of the emergency department, which is divided into three parts: male, female and pediatric, with 22 treatment beds and three station beds that can handle as many as 100 patients per hour.

For the World Cup the hospital will receive non-life-threatening medical cases, providing care to walk-in patients.

Patients who need further care will be stabilized at Aisha Bint Hamad Al Attiya, and transferred to

Once fully operational, the hospital will have 13 comprehensive operation theaters, four operating theaters for day care procedures, 96 treatment rooms for males, and 48 treatment rooms for females.

The hospital will also have 48 obstetric rooms, 15 VIP inpatient rooms, 15 beds for on-call units, 40 pediatric rooms, 40 ICU beds for adults, and 28 beds for neonatal ICU.

The hospital also includes 64 outpatient clinics, a pharmacy, an 11-bed hemodialysis unit, a rehabilitation unit, and



Aisha Bint Hamad SAI Attiya Hospital (above) was built specifically to provide medical care for World Cup fans. Energy International Qatar engineers designed, supplied and oversaw the installation of Twin City Fan high plume fans (left) High plume fans are designed to remove harmful bacteria- and germ-laden from the hospital building.

a clinical imaging department.

Energy International Qatar was called on by the contractor to supply and install model BAIFE high plume fans made by TCF USA. Energy International is the authorized distributor for Twin City Fan in the Middle East, including Qatar.

Centrifugal Induced Flow Fume Exhaust Fans are mainly used in laboratories and hospitals to expel contaminated air (chemicals, viruses, bacteria, etc.) in high plume above the facility that renders the said contaminant inert.

EIC-Qatar General Manager, Ziad Khalid said he and his team were proud that they were able to secure job.

"The Aisha Bint Hamad Al Attiya

required a deep knowledge of all the technical aspects of the fans, said Khalid. "Our engineering team worked with the hospital contractors to design and install a system that met the needs of this high-profile project."

Energy International's engineering sales team are well educated in the products that EIC sells, providing expert design, selection, installation, testing and commissioning.

The fans were installed in what is referred to as a twin arrangement where two high plume fans are connected to one exhaust duct.

The fans were built at Twin City's Minnesota, USA factory and shipped to the site for installation by the EIC team. ■



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