



Life's Good ...but better with ThermX

Ben and his team in the Philippines have recently installed at the Mondelez factory, a company owned by Cadbury Kraft.

The installation consisted of three, 5-ton LG inverter split systems, retrofitted with one ThermX system on each unit. The systems are situated on the roof of the Mondelez International facility, Paranaque City, Metro Manila, Philippines.

The savings achieved so far have been between 40% and 50% over the period measured. This resulted in the Mondelez management already asking Ben to look at additional systems. More to follow on this exciting opportunity.



Europe's Largest Indoor Farm - Update

Since the article in the July issue of SolX News, work has continued by the UK team on the installation of the air conditioning system for this ground-breaking, intensive indoor growing facility in the North East of the UK.

The installation includes an 800kW capacity air-cooled screw chiller, 3 air handling units (400kW; 130 kW and 100 kW), 4 air source heat pumps and all associated equipment, alongside an array of 42 ThermX collectors. Work is now into the fourteenth week, with the end coming in sight, then commissioning due to commence at the end of October.



This has been an incredibly innovative project with much of the technology and design elements having never been implemented before. Accordingly, and as expected, the project has thrown up many challenges and design issues along the way. However, due to the ingenuity, hard work, expertise and flexibility of the SolX UK Team, these have all been overcome.



It is expected that through the inclusion of ThermX in the design, it will reduce the energy consumed by the cooling system by just under 500,000 kWh and save just under 1,000,000 lbs. of CO2, or the equivalent of planting 30,000 new trees.

Given the ever-increasing pressure on available growing space and the need to maximise the productivity, the intensive indoor growing sector is set to expand rapidly over the coming years. On the back of this project, SolX Energy is extremely well placed to take advantage of the opportunities that will present and has already received significant interest elsewhere.

Sweet Savings in India

On the 30th of September 2018, Shri Narendra Modi, the honourable Prime Minister of India inaugurated a new state of the art Chocolate Plant in that country. Another proud moment for the SolX Energy team, as this will be the location of our very first installation in India. Well done to SS and his team at Sesco India. We are all looking forward to seeing the final installation pictures.



It's Hard To Stop A Trane®... but its pretty easy to slow one down with ThermX

Gino and the team in Latin America have recently started the evaluation process with Trane Panama, and the first panels have been shipped. Additionally, systems have also been shipped to Trace Solar in the Dominican Republic. Trace Solar is an energy efficiency business, with 11 branches throughout the Dominican, along with many other areas in the Caribbean & Latin America. These first systems will be installed on another Cirsa Casino facility, likewise based in the Dominican; a company SolX already has several installations with across Latin American & Spain.

Other news from the Dominican is that in conjunction with our partners VT Trading based out of the Dominican Republic, 24-systems have just been shipped to be installed on a refrigeration plant for EZ Foods as part of the first of a 3-phase ThermX project. Phase two will consist of a second identical 24 panel refrigeration system, followed up by phase 3; a large new ThermX VRF system to cool the offices and general building areas.



Changes for the Better... That's for sure!

One change came for one homeowner in the Caribbean, converting from a stock Mitsubishi to one assisted by ThermX resulted in an energy reduction of over 40%. Last month partnering with Green Revolution, we installed our very first system in Turks and Caicos. Green Revolution recently completed and published the latest ThermX case study for this multi-split integration. You can find this case study and many more on our website at www.solxenergy.com in the downloads section. You can also view it here: [Turks and Caicos Case Study](#).

Banking on ThermX



The UK team has just completed a successful evaluation for Barclays Bank PLC. The project at a Main Head Office building in Poole, Dorset involved the retrofitting of ThermX into the chillers that are assigned to the battery backup

room. This proof-of-concept project was also a challenge as Barclays insisted on evaluating a sub-optimal system located in the basement. The collectors had to be positioned at ground level and therefore had limited sun exposure. Phillip Simpson from Barclays realized, "If SolX can make savings on this system, then we can save on most of our systems." The system did in fact deliver and was in line with Barclay's expectations. The team is now surveying the next larger sites in Northampton & Cheshire, UK.



Showcase Australia



ThermX will be showcased at the upcoming Countrywide Expo, held this year at the Melbourne Convention and Exhibition Centre. Tynan and his team will be sharing a stand with Prana Energy, the company they are partnering with on the Complete Food Services (CFS) installation, which is presently underway. The CFS installation is a 5,500 square meter cold store facility situated in Melbourne. The Countrywide Expo will be attended by hundreds of businesses from all over Australia and the team are expecting significant interest on the back of the CFS and Victoria Cold Storage installations.

On the subject of the Victoria Cold Storage, this installation has certainly got the industry excited. Despite suffering a 100% increase in their electricity unit price, the ThermX system has completely off-set this increase. Additionally, the system has also allowed them to increase their freeze capacity, enabling the client to increase revenue by over 25%. Ernie Quintas, Establishment Manager said, "To say we are pleased with the level of professionalism, workmanship and after sales service would be an understatement".



AND THE GOOD NEWS IN THE AUSTRALIAN FOOD INDUSTRY CONTINUES...



Mentioned in the last SolX News release was the first IGA supermarket project in conjunction with Prana Energy, we are pleased to report that this has now been installed and a full case study will be available in due course. Furthermore, in July, representatives from Woolworths, Australia's largest supermarket

chain, visited the Chingford Fruit facility in the UK as part of their internal due diligence on our technology and we expect news on our first trial imminently.



Another exciting development since the last news issue, is an imminent trial with Australia Post (AP). A huge opportunity for the collective business as AP has over 7,000 locations around the country. Hopefully they'll be much more to tell on this one, in the next issue.

The US Showing Impressive Growth



The US Team continues its aggressive growth recently doubling our warehouse space in South Florida to accommodate more product including the ThermX Emperor Residential/Light Commercial AC Systems, a product rapidly gaining in popularity among our new dealers. We are also working closely with a number of the nation's utility companies to develop custom/prescriptive rebate programs for our Emperor systems, as well as the standalone retrofit solution for commercial systems. ThermX is now recognized as an approved product for PACE Financing (Property Assessed Clean Energy Program), and we are also preparing for our first installation for a rebate program with Del Marva Power in MD under the administrator ICF International.

THE US TEAM ALSO WOULD LIKE TO RECOGNIZE OUR NEWEST THERMX DEALERS:

- South-West Florida Cooling (Fort Myers, FL)
- Daneu Air and Heat (Malabar, FL)
- AZ Insulation (Phoenix, AZ)
- Mr. Cool Air Conditioning (Cape Coral, FL)
- McIntyre's Electric (Fruitland, MD)
- Climatic Refrigeration and AC (Melbourne, FL)
- Sun Energy Solutions (Fruitland, MD)
- Clima-tech Inc. (Chino, CA)
- Close Comfort Plumbing and Air (Puerto Rico)
- Fafco Solar (Cape Coral, FL)
- River City Mechanical (Roseville, CA)
- Air Tech of Central FL (Longwood, FL)
- Efficient Mechanical (Tampa, FL)
- Harris International (Lake Mary, FL)
- ATS Mechanical (Laurel, MD)
- Head Construction (Boca Raton)

Some more great news from the US is that ThermX has been specified for installation on two large chillers at the Guam US Navy facility. As we understand it, these are R22 replacement systems and it is expected that the combined systems will house around 55 ThermX collectors. The installation is expected to take place early 2019. This will also be the first system to be installed with our American made ThermX collectors, which are currently in development.



For additional information on these or any ThermX installation, please email
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