

solXenergy NEWS

REDEFINING | ENERGY | EFFICIENCY

AUSTRALIA

Our Australian partners have been very busy over the last few months and are currently working alongside AGL, one of Australia's oldest and largest energy companies, partnering up with them to install ThermX with their clients. They are now in the advanced stages with two of their larger clients, Yalumba Wines and Adelaide Zoo, and expect to get these initial projects over the line in the next month or so.

Recently partnering with Prana Energy (PE), an Australia based solar and renewable energy company, two further projects are about to get underway with IGA supermarkets and Complete Food Services (CFS), who are a member of Countrywide, Australia's largest independent food service distribution network.

PE also have the contract to install Solar PV on a further 70 IGA stores, which is ultimately expected to open the door for further ThermX installations across the IGA estate.

Furthermore, following the successful independent evaluation of ThermX, Whittlesea Council have now approved a further 5-sites for survey and installation.

Here We grow Again

The UK team have just begun work on Europe's Largest Indoor Farm. Jones Food Company Ltd. (JFC), backed by both Google and Amazon, are the owners and developers of the intensive plant nursery, located in North Lincolnshire, England, which will be the largest indoor farm in Europe.

Arranged in racks rising as high as 11m, across a growing area of 5120m², the farm is expected to produce up to 420 tons of leafy greens per year. The equipment is housed within a futuristic, intelligent clean room (or "high-care") environment that allows crops to be grown in complete isolation from external contamination – ideal for food production as well as growing high-quality cosmetic and pharmaceutical ingredients. Production of the first crop from the Jones Food Company operation is due to start in autumn 2018, setting new production and environmental standards for the crop production of the future.



Within the 10-week works program, the UK engineering team are installing the complete ventilation system including chillers, AHUs, & ducting partnered with our ThermX technology. JFC have plans to open further sites across the UK & internationally following the model set by this first UK site. They aim to open the world's largest indoor farm over the next couple of years. Mark Crabtree added "this is a sector that is producing significant interest in our technology, and we are really excited to be working with Jones Foods on this groundbreaking project. On top of the facilities we have already installed, we are in early discussions with a number of apple processing facilities in southern France, and in advanced negotiations with a number of large cannabis growing facilities in the USA. I have little doubt that this will be a sector in our business that will continue to experience significant growth over the coming years".



AMERICA

The USA team didn't waste any time getting the AutoZone installation in Cape Coral up and running as you can see from the link [here](#).

The facility was previously cooled by 4 x Carrier 5.8ton RTU's. The SolX Energy installation consists of three of the RTU's retrofitted with the ThermX solar assisted inverter package system.

Early results are showing a 40%+ energy reduction, at the hottest and lowest sun penetration time of year for Florida. Projected annual ROI's are expected to exceed 52%. Another unexpected benefit was a 38% reduction in the decibel levels of the indoor AHU, to the point that the client could not even tell that the ThermX system was on!

AutoZone are the largest retailer of automotive parts in North America for the last three consecutive years. As of August 2017, AutoZone had 5,465 locations in the United States, 524 locations in Mexico, and 14 locations in Brazil, a total of 6,003 retail outlets.



Our new partners for the Indian market are already starting to make some credible inroads. Potential evaluations are already verbally agreed with companies such as Ikea, the Oil & Natural Gas Corporation, Amul (India Dairy Corporation) and additionally in collaboration with SolX Energy Ireland, they have also secured a second system install with Intel. This is following a successful initial installation at Intel's Ireland HQ, based in Leixlip, Ireland.

Time again to welcome another new partner to the SolX Energy team.

Zenta Muhendislik (ZM) are based out of Istanbul

and have a great deal of experience with VRF Air Conditioning systems and will be a valuable member of the network as we increase our profile in this region. ZM are presently awaiting the delivery of their first container stock of ThermX collectors to kick off their pilot scheme, which is planned for installation in September 2018. Hopefully we will have an update for you all in the next news release planned for October.



Commissioning is now complete on the two Super U installations in Mauritius, 48 and 56 panels respectively. Over 2Mega Watts of cooling. The team have generated a huge amount of interest across the island and Peter Lapczynsky and his team are sure to be extremely busy as they expect many more comparable size installations to follow. The installation itself was carried out by the Mauritius & Seychelles main distributor for Johnson Controls & York.



Want more info...have some news?

If you would like data, pictures or case studies, in regard to any of the stories featured, or you have some news you would like to share, please do not hesitate to let us know.

Please contact: sharon@solxenergy.com or mike@solxenergy.com

Always happy to provide all we can.



Okay, let's start with the bad news. As most of you will be aware we started to evaluate the ThermX technology on a large ammonia system at an ice making plant in General Santos, Philippines back in February this year. In mid-July, Chris Micallef visited the site and identified a number of concerns which could corrupt the data gathered this far.

As such, we have taken the decision to start over. We of course realise this will be disappointing for a number of you whom are already in talks with potential ammonia clients, for this we can only apologise. That said, we are sure you can all appreciate that given this is the first of expectantly many ammonia installs, it is exceptionally important that the data is 100% unquestionable. The changes to the installation are being made right now, and we expect to be logging data by the middle of August. On a more positive note, we should point out that given the heat exchange we are experiencing from the ThermX system, we are confident of delivering positive results on this system.

On the good news side in the Philippines, Ben and his team have recently installed our first system for Anytime Fitness.

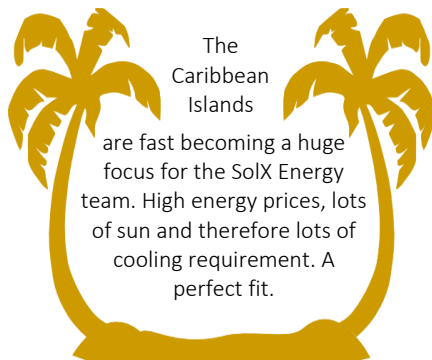


The company operates over 4,000 franchised locations across 30 countries and were ranked the fastest growing health club in 2014, along with being Number 1 on the global franchise list for 2015.



You will recall from the News release, we introduced our new partner in Hellagro, Greece. Well they certainly didn't let the grass grow, and have already installed their first project as you can see from the link [here](#).

This is a 10-panel installation, situated on a fruit cold storage facility on the island of Crete. The performance data will be tracked over the next few months and as always we will keep you updated on results.



The Caribbean Islands

are fast becoming a huge focus for the SolX Energy team. High energy prices, lots of sun and therefore lots of cooling requirement. A perfect fit.

TURKS & CAICOS

Just last week SolX Energy shipped the first systems out to the islands. The installation will be conducted in partnership with a well-established building contractor based on the Islands and will ultimately be targeted towards the hotel & Leisure market.

DOMINICAN REPUBLIC

SolX Energy Corporate are presently in advanced discussions with a US affiliated group based out of The Dominican Republic. This group are very well established in the energy sector and collaborate with numerous organizations and institutions to push for sustainable energy policies in the region. One key organization is the Caribbean Renewable Energy Forum, whose annual event explores renewable energy investment opportunities across the Caribbean.

BAHAMAS

Following on from previous installations with Cable & Wireless, Greg and his team have recently completed installation of partnering ThermX on one of two 60T chiller systems for The Abaco Beach Resort on the island of Abaco. A \$40K investment projected to deliver an ROI below 2-years.

Some further great progress achieved by Antony and his team in South Africa. Recently installing ThermX onto the second Spar convenience store, so far achieving a 30% energy reduction, projected to reach over 40% on average over the full year.



Operating a very similar footprint and offering to the 7-Eleven franchise based out of the US, Spar boasts over 12,500 sites worldwide. Although most are situated in Europe, there are still a vast number of stores in The Middle East, Australia, Mauritius, Africa, India & China. There are also plans to open a further 50-sites by 2023 in Sri Lanka. Spar operates as a franchise operation at both wholesale and retail level, as for those of you trading in any of the above listed



countries, we would urge you to make contact with the appointed wholesaler for that country, and we will endeavor to get case studies out on the SA projects ASAP.