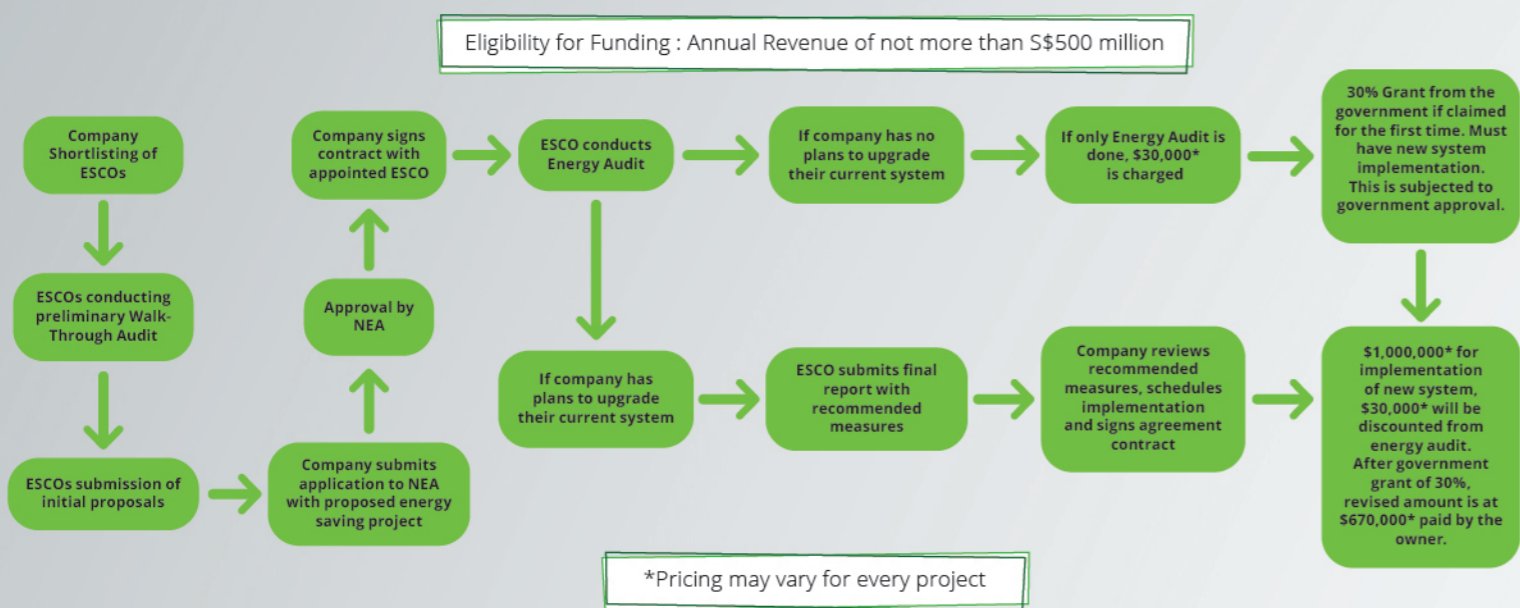


Productivity Grant for Industrial Sectors

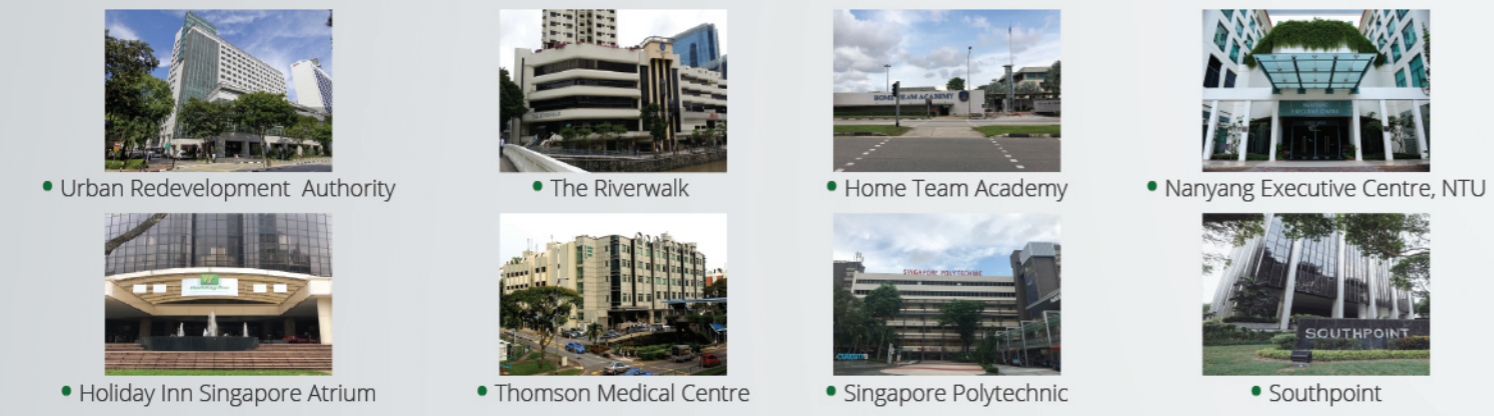


Project Case Study URA Centre and East Wing GESP



- URA Centre and URA East Wing had its own chiller plant room serving its air-conditioning needs when SAC Energy was first engaged for this project.
- SAC Energy has integrated the 2 pre-existing chiller plants into 1, located at URA Centre basement.
- With the new integration, the vacant chiller plant room can be used as a space for social events or could be leased out as an office space.
- Coupled with the latest chiller plant system, URA Centre has managed a system efficiency of 0.63 Kw/RT or better and was awarded the Green Mark Platinum Award.

References



For More Information, Please Contact Us:

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Introduction

SAC Energy (S) Pte Ltd (SAC) was founded in 2015 together with a group of like minded partners to help building owners towards a greener environment.

As professionals with a team of highly skilled energy specialist and engineers, SAC has taken on countless projects delivering excellence in chiller plant efficiency in Singapore and South East Asia.

SAC believes in training and constantly updating the knowledge through seminars and skillsets within the team to keep up with the ever growing and changing market.

With a significant presence in Singapore, SAC strives to achieve the highest in standards and to create more customizable solutions and designs to meet the needs of all clients from all industries.

Accreditations



An **ESCO** is a company that is dedicated to the provision of energy-efficient technology and services including financing, design, implementation, and project management. Being the selected few companies being accredited by NEA, we are confident on undertaking all kinds of challenges and together with a knowledgeable team with a vast amount of experience in different sectors, we strive to deliver the best and most efficient systems.



SGBC's Green Services Certification aims to enhance green building performance through the industry's delivery of services. The scheme recognizes building consultants who share the same vision in the green movement.



SAC Energy is committed to build a work safe and healthy environment for all our staff. Caring for each worker and employee with zero accidents is our priority. SAC Energy is set to achieve the highest level of standards for safety and quality management standards.

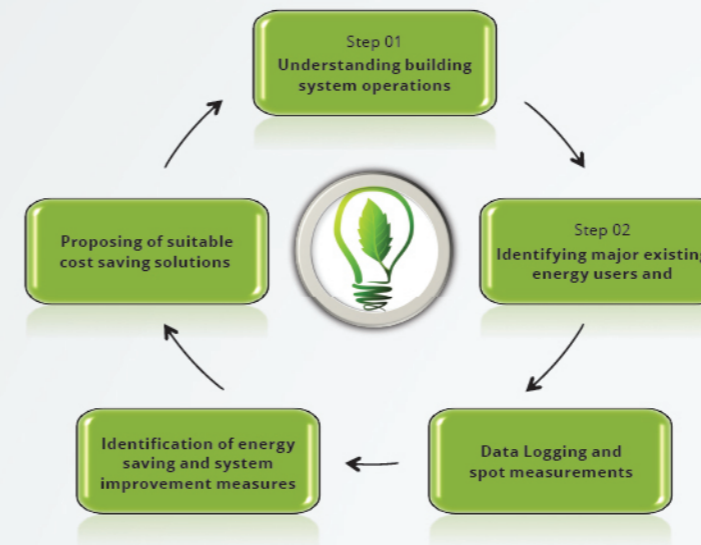


Services



- **Green Mark Consultancy** : The BCA Green Mark Scheme was first launched in January 2005. It is a benchmark scheme introduced by the Singapore Government as an initiative to drive Singapore's construction industry towards more environment-friendly buildings.
- **Energy Audit** : An inspection survey with an analysis of energy flows for the building. Hence, a solution can be rendered which could lead to potential energy savings.
- **Turnkey Services** : Design and build services for chiller plants and air-side systems for buildings.
- **Monitoring and Data Analytics** : Analyzing of data collected from energy intensive systems and the rest of the equipment to determine the areas for improvement.
- **Performance based Maintenance Services** : Maintain equipment lifecycle with performance guaranteed.
- **Financing Solutions** : Shared Savings, Leasing and Zero Capital.

Energy Audit Flow Chart



- Energy audit services are a key in determining energy flows and consumption behavior. It is the first step towards your comprehensive energy management strategy.
- It is to verify the performance of the energy consuming system.
- Detailed auditing activities will be conducted to identify buildings and facilities with particular focus on rationalizing their energy profiles.
- Field measurements will be also taken to quantify critical operating parameters. Following the establishment of an energy consumption profile, the potential energy saving opportunities can be identified. Energy management strategy and particular energy reduction programs can be organized and planned with reference to energy audit results.

Green Mark Incentive Scheme

Who can apply?

- 1) Building owners who are Small and Medium Enterprises (SMEs).
- 2) Building owners with at least 10% of its tenants who are SMEs.
- 3) Tenants who are SMEs.

SMEs

- Minimum 30% local shareholding.
- Company's Group annual sales turnover not more than S\$100 million **OR** Company's Group employment size not more than 200 workers.

Qualifying Cost

- Cost of the supply and installation of the approved energy efficient equipment and professional services fees.
- Approved energy efficient equipment includes chiller plant (chiller, pumps and cooling towers), energy efficient lightings such as T5 and LED, sensors, BAS system.

Disbursement of Incentives

- 1st disbursement : Upon applicants acceptance of the Letter of Offer for this scheme and upon Green Mark certification.
- 2nd disbursement : The 2nd disbursement will be paid out upon completion of the energy improvement works and verification of the aircon system efficiency.
- Final disbursement : The final disbursement will be paid out one year after the date of completion of the energy improvement works and upon verification of the aircon system efficiency achieved.

Maximum is capped at S\$3 Million*
Funding may vary for every project