

## SSMC bags home Top National Award for Excellence in Energy Management (Energy Efficiency National Partnership Award 2015)



6 October 2015 – The Energy Efficiency National Partnership (EENP) Awards is organized by the National Environment Agency, Energy Market Authority and the Economic Development Board, and aims to foster a culture of sustained energy efficiency improvement in the major energy consuming industries. The EENP Awards also aims to encourage companies to adopt a proactive approach towards energy management by identifying and sharing best practices or companies to emulate.

The awards this year were presented by Guest-of-Honour, Dr. Amy Khor, Senior Minister of State for Environment and Water Resources, at the awards ceremony held during the National Energy Efficiency Conference on 6 October. The recipients this year come from a wide range of industries and were selected based on their excellence in driving industrial energy efficiency and leveraging best practices, while achieving significant energy savings. SSMC is proud to be one of the 4 recipients of the prestigious award amongst the 44 nominees this year; winning in the category of Excellence in Energy Management.



SSMC started its energy efficiency journey at an early stage after the company started manufacturing in Singapore 15 years ago. Amongst the most significant initiatives at SSMC is the chilled water system efficiency improvement that installs flow, temperature and pressure sensors at various critical points of the chilled water system for data analysis and to improve overall efficiency. SSMC also underwent a company wide replacement of the T8/T5 lighting with new LED lightings. Apart from saving energy, the LED lighting has a longer lifetime and needs less maintenance. The next major initiative was clean room pressure reduction. SSMC successfully reduced clean room pressure without affecting the quality of its products, resulting in a reduction of 20% of energy use.

With these strong initiatives in place, SSMC achieved an overall 32% reduction in normalized energy consumption (GJ/m<sup>2</sup> wafer) from 2009 to 2015.



“From the various initiatives and projects, we have saved 23.9 million kWh per year, which can power up approximately 5,000 4-Room HDB flats for a year. Being energy efficient is also the most cost effective way of addressing the challenges of energy cost, energy security and global climate change. In the next phase of the journey, we will continue to work with all our stakeholders – our employees, customers, suppliers and community partners, to achieve a new level of excellence in energy management, in accordance with one of our core values of raising the bar, ” says Mr. Collin Tan, Senior Director of Facility and Purchasing at SSMC.

Going forward, SSMC aims to explore more innovative ideas and new solutions for energy efficiency, and to source for new technologies available in the market. SSMC will also collaborate with government agencies, relevant companies and academic institutions for benchmarking best-in-class practices.