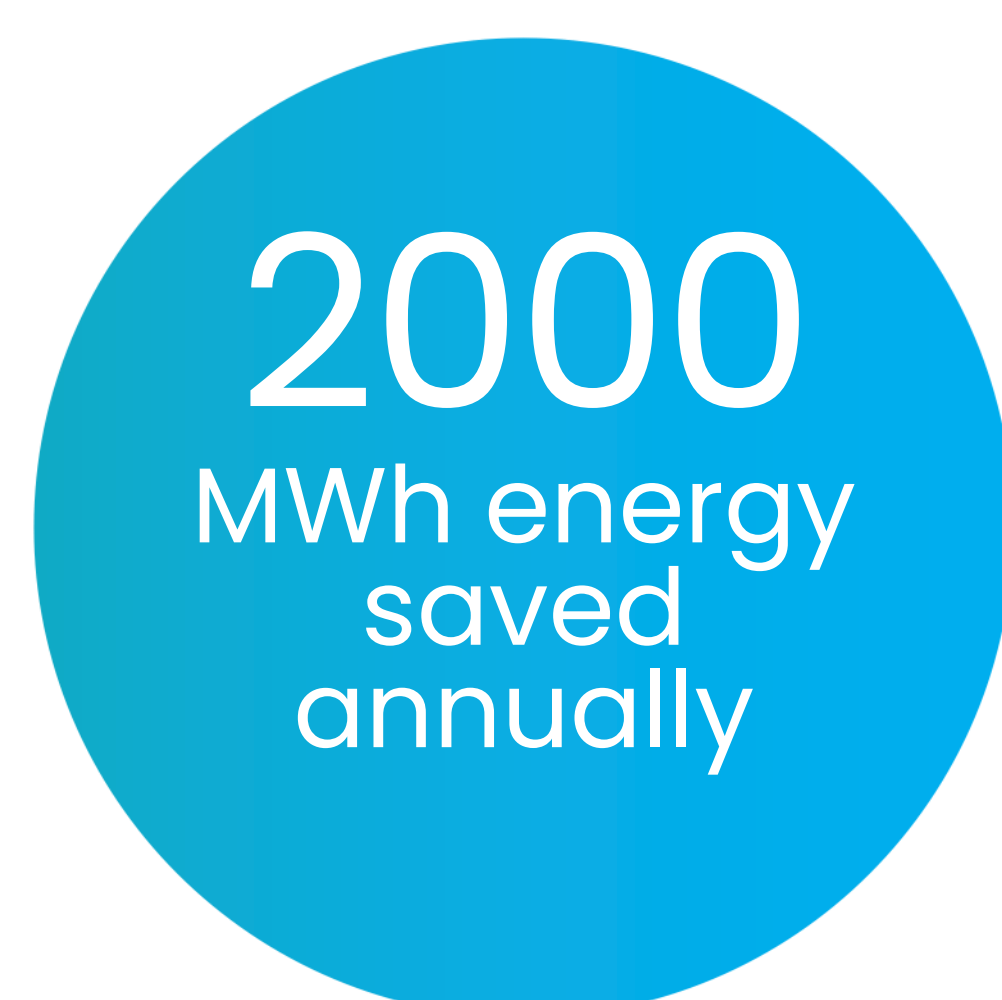
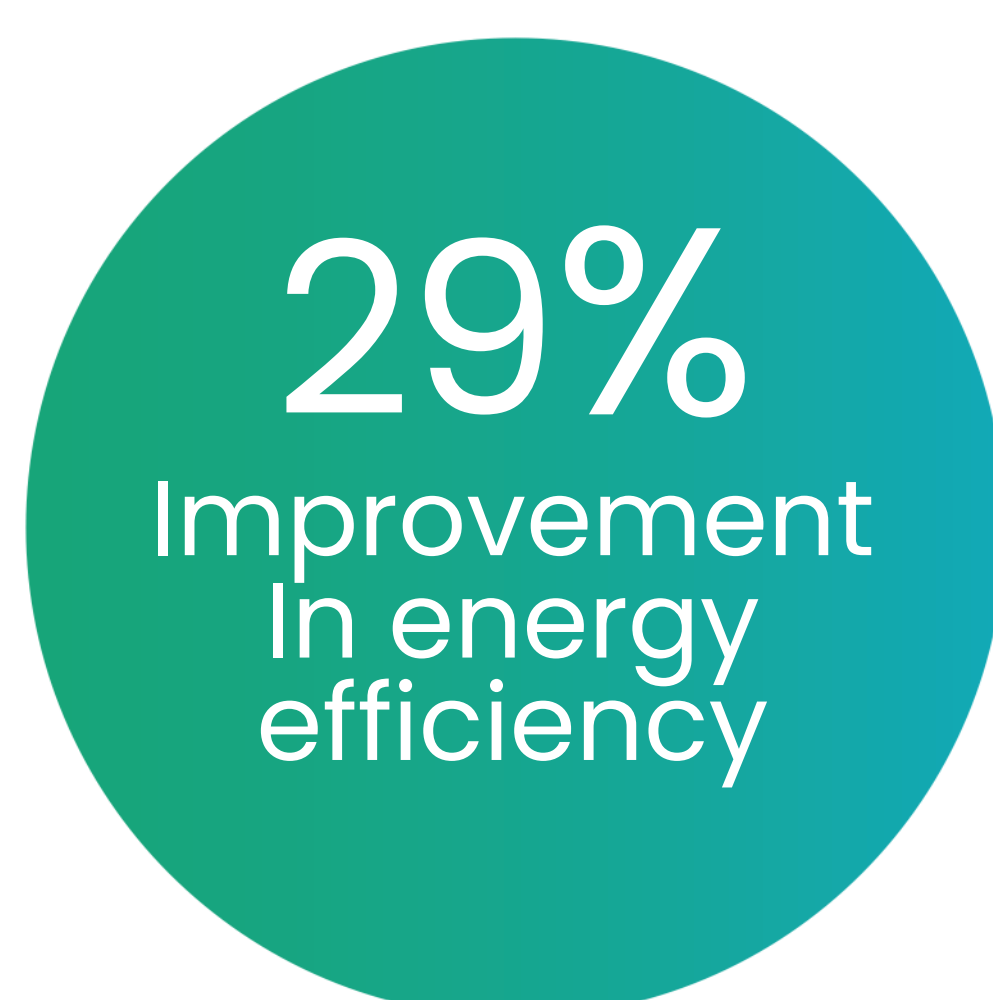


Hewlett Packard (HP) Singapore

Industrial Facility



impact highlights



bbp services deployed



optimisation



maintenance



analysis

customer objectives

- HP targets to achieve 25% reduction in carbon emissions by 2025 based on 2015 baseline. In 2016, HP launched a program to establish best practices and national guidelines for facility energy management.
- The objective of the program is to enhance energy-related operations, technology, and processes. To achieve the intended impact, HP worked with bbp to create customised solutions.

considerations

Its chilled water systems which had been in operation for more than 20 years.

solution

- Using advanced data analytics, bbp's control algorithm optimised equipment set points (e.g. temperature and flow) to improve the efficiency of the existing chilled water systems.
- The remote monitoring and analytics capability created a platform for data driven discussions on how to further improve system efficiency.
- The automated reports generated also helped changed HP's maintenance perspective from "equipment availability-based maintenance" to "performance-based maintenance".



HP & bbp were jointly recognised in **EENP (Energy Efficiency National Partnership) Awards 2018** by **National Environment Agency Singapore** for the energy efficiency work done across HP's portfolio.