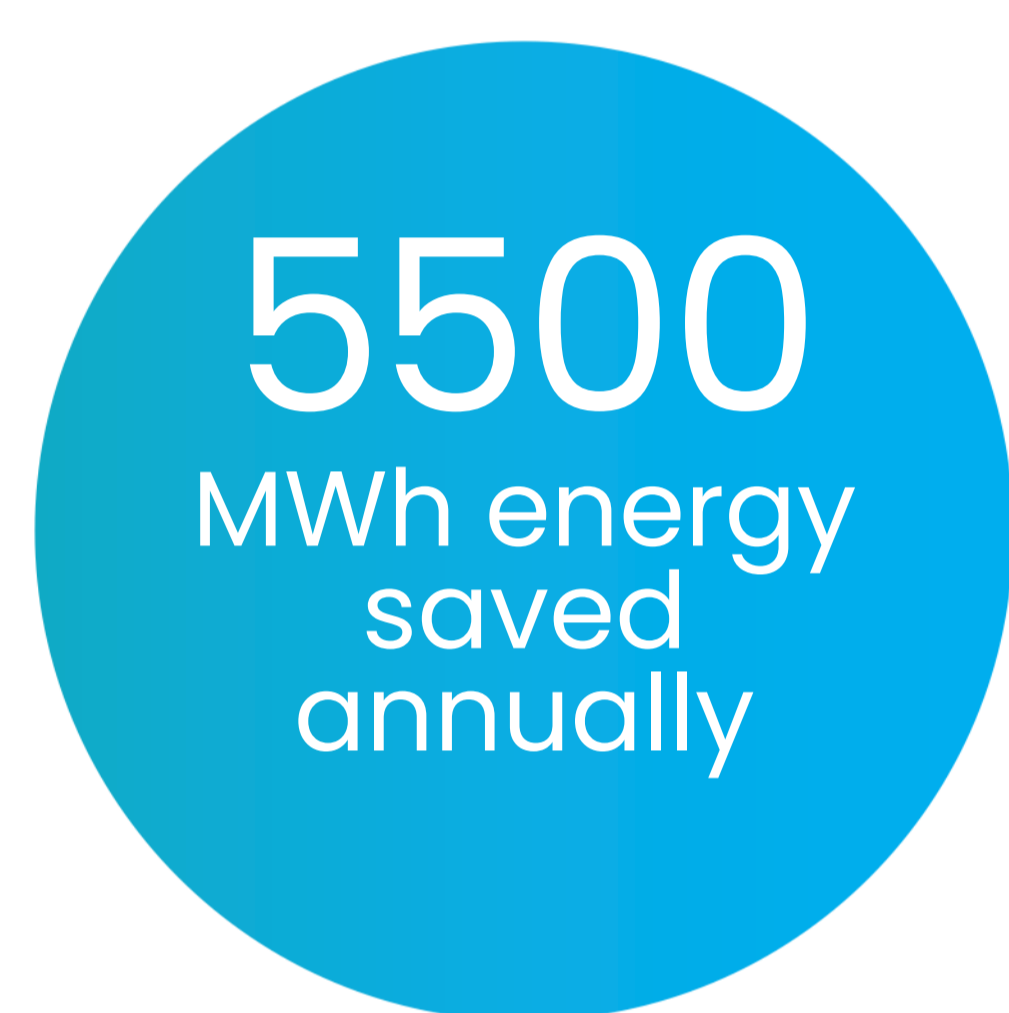
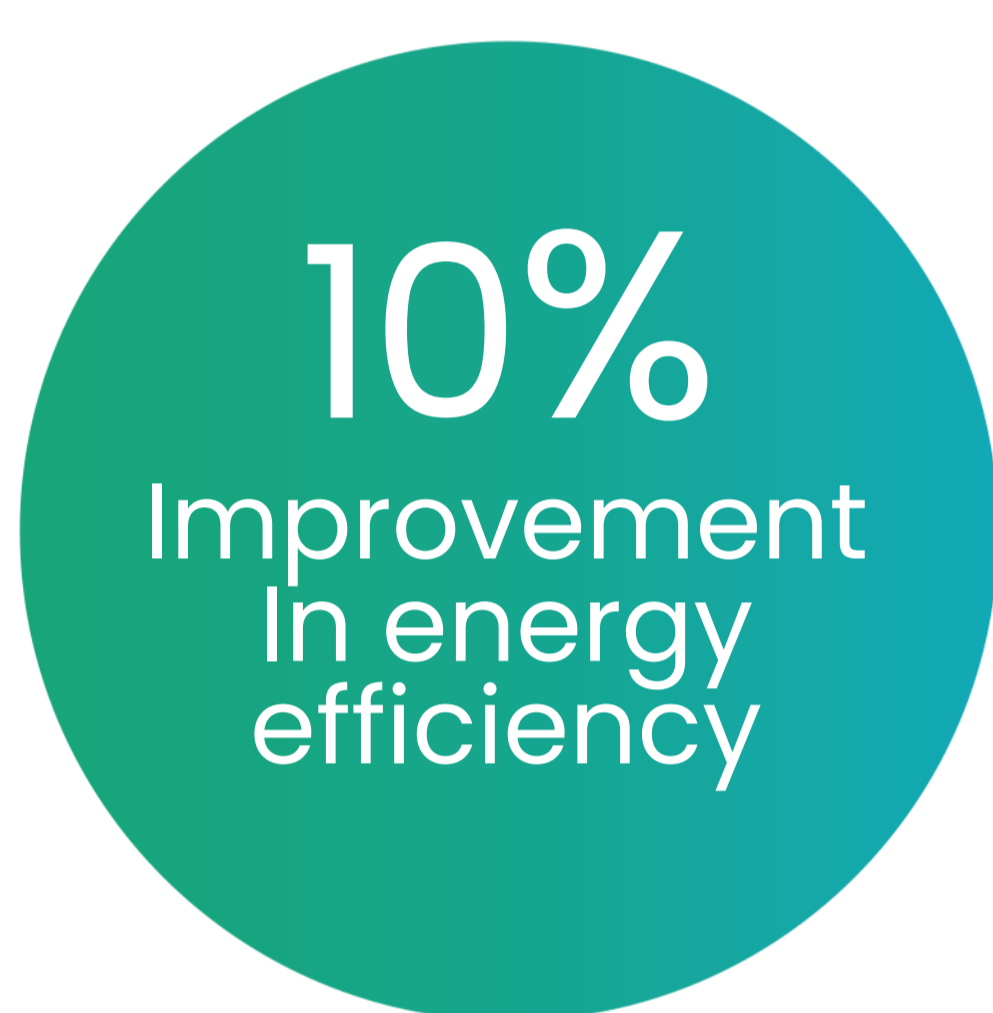


Resorts World Sentosa District Cooling Plant

Mixed Development



impact highlights



bbp services deployed



optimisation



maintenance



analysis

customer objectives

In line with RWS's commitment to sustainability, DCP is constantly evaluating new opportunities to reduce its energy consumption and environmental impact

considerations

Prior to bbp's involvement, DCP had already undergone equipment upgrading as well as one round of performance improvement

solution

- DCP and bbp worked closely to customize and install the chiller optimiser solution, keeping in mind the critical operation of a district cooling plant. The system optimised the energy use of chillers, pumps and cooling tower fans using an algorithm-based dynamic control to achieve and maintain better plant efficiency across varying load profiles without affecting the comfort of occupants.
- The system also allowed for continuous improvement through remote monitoring, daily performance reports and data analytics that lead to immediate corrective actions.



RWS & bbp were jointly recognised in the **Best Practices (Honourable Mention)** category at the **2017 National Energy Efficiency Conference** by **National Environment Agency Singapore**