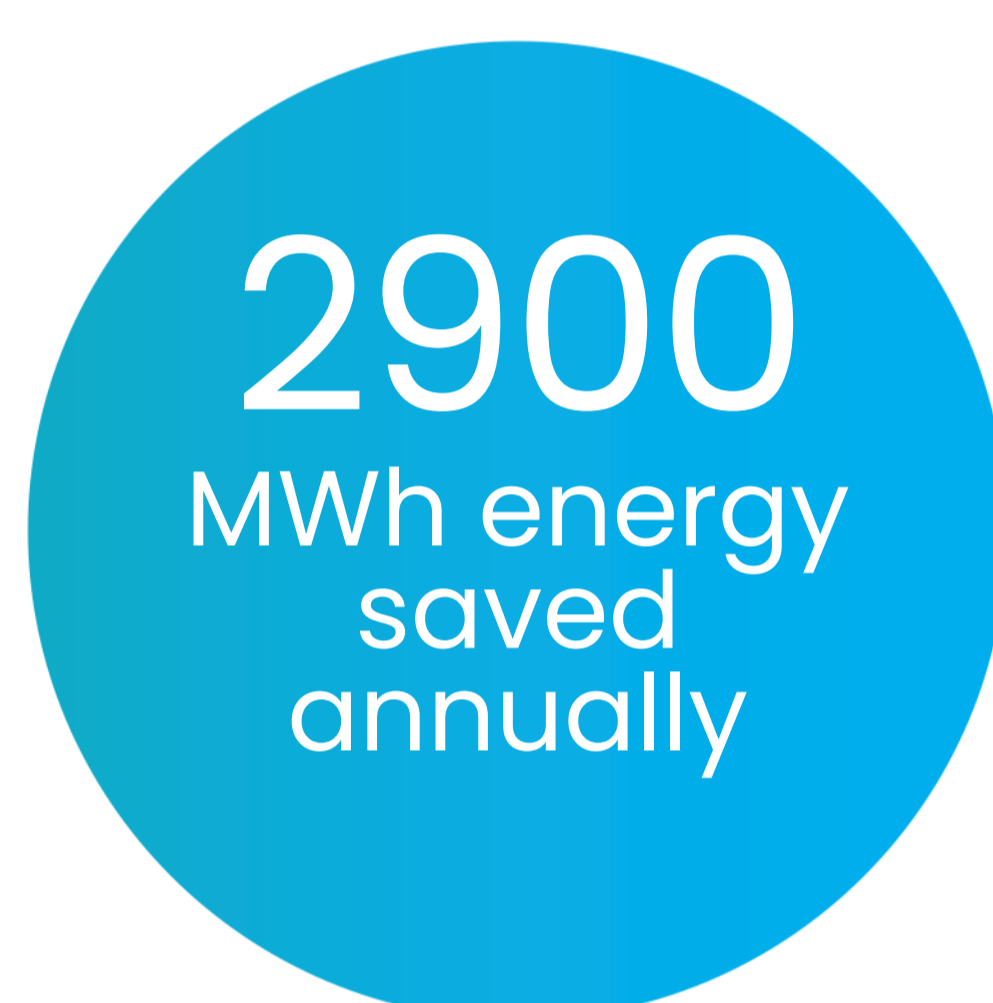
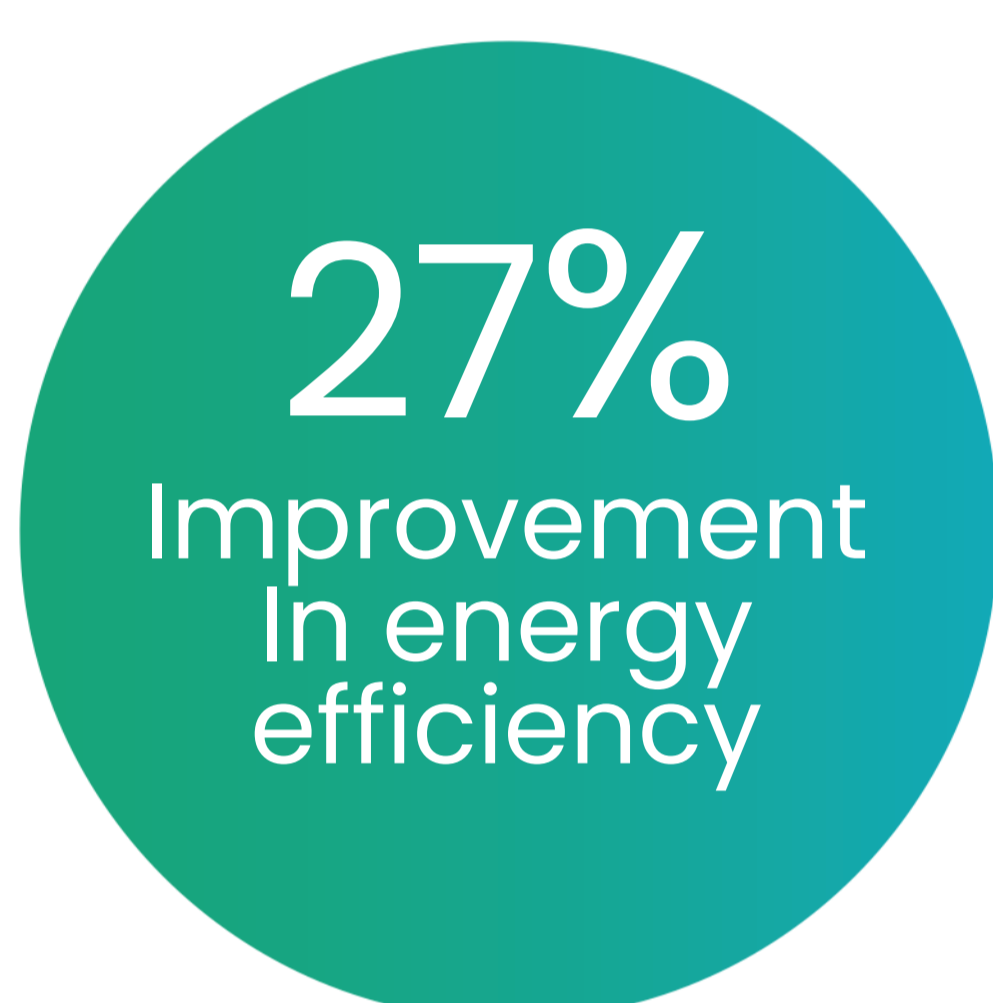


Lumileds Singapore

Semiconductor Facility



impact highlights



bbp services deployed



optimisation



maintenance



analysis

customer objectives

To improve overall operational efficiency, the obvious option for Philips Lumileds Singapore was to replace its 14-year-old chiller plant at significant expense

considerations

- Total replacement is costly and requires long payback period
- No disruption to plant operation

solution

- bbp provided an alternative to Philips Lumileds Singapore, by optimising the current chiller plant, to deliver the required cooling in an energy-efficient manner
- The optimisation solution provided by bbp includes the connection of variable speed drives to the chilled water and condenser water pumps as well as to the cooling towers



First industrial plant in Singapore to attain **Green Mark Platinum Award** (for existing buildings)