

Khalifa Port Package 208, Abu Dhabi

Khalifa Port and Industrial Zone (KPIZ) is a multi-purpose facility that involves the construction of a world-scale container and industrial port in addition to the development of over 100 square kilometres of industrial, logistics, commercial, educational, and residential special economic and free zones.

Green Optima is contracted to carry out the building management and energy management systems for package 208, controlling the AED 320 million MEP works for the Khalifa Port and Industrial Zone (KPIZ) in Taweelah, Abu Dhabi. This is one of the biggest MEP projects in the region.

This package consists of 29 buildings with the largest having 75,000 square metres, and another 28 smaller buildings, so the whole project measures about 112,000 square metres.

Green Optima was selected to design, engineer, supply & commission an open building automation system to control its building services with the ability to utilise leading edge internet technology which is energy efficient and easily expandable to support planned future developments.

Case Study

The System

- Chilled Water Plant
- Car Park Ventilation
- FAHU
- Extract Fans
- Fan Coil Units
- Smoke Extract & Control
- Integration with lighting
- Energy Metering
- Lift Monitoring



Intelligent Buildings-Smart People

The Challenges

- Regions Largest Port
- Integration into site wide monitoring system
- Giving flexibility along with energy efficient control solution
- Open system, future proofed technology



Products

Consultant

Contractor