



RITZ CARLTON AL WADI RESORT

Wadi Khadija - Ras Al Khaimah



Challenge

The Ritz-Carlton appointed ENGIE Solutions to provide retrofit solutions for the two single major end-users of energy consumption in its Al Wadi hotel. The challenge was to replace the heating and cooling systems without affecting the comfort of the guests.

Solution

ENGIE Solutions identified improvements in the hotel energy sufficiency by providing the solutions below:

- Investment-grade energy Audit
- Retrofit villas HVAC system
- Replace swimming pool of 102 villas with hot water system and new heat pumps

Project Details

- Annual Cost Savings: AED 1.1 Million
- Simple Payback Period: 2.1 Years
- Implementation Time: 3.5 Months



THE RITZ-CARLTON

RAS AL KHAIMAH, AL WADI DESERT