

# Al Seef Residential Tower



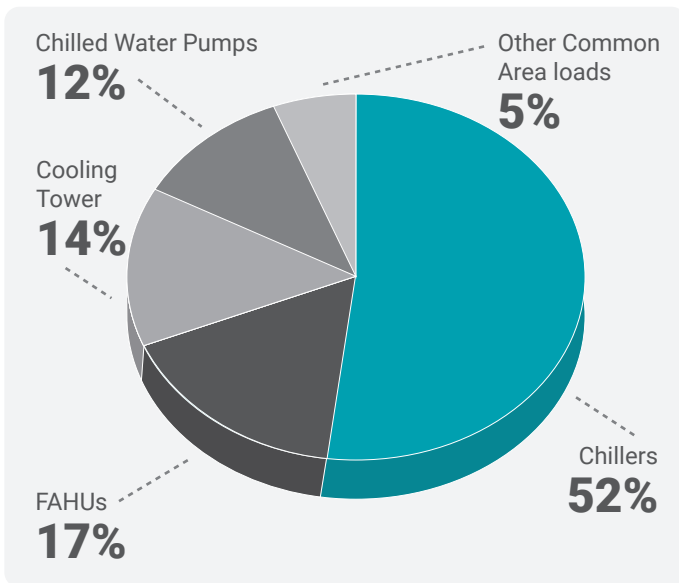
## Project Highlights

**160** Apartments

**43** storey building



## Annual Energy Highlights



**3.32**  
M  
AED

Energy Bill

**7.4**  
M  
kWh

Energy Consumption



## Challenges



Large & Complex Facility



Tenants-Driven Operation



High Energy Bills



## Solution



Intelligent Infrastructure



Demand Controlled Ventilation



Chilled Water Flow Optimisation



Smart Communicating Thermostats



Chiller Replacement



## Financing



Co-invested  
Capital



Shared  
Savings



## Project Results



### Environment

**2.46** M kWh Savings



**↓ 1,831** Tonnes



**↓ 392**



**↑ 47,447**  
ten-year old seedlings



### Economic



**1.1** M AED  
Annual Energy  
Cost Savings

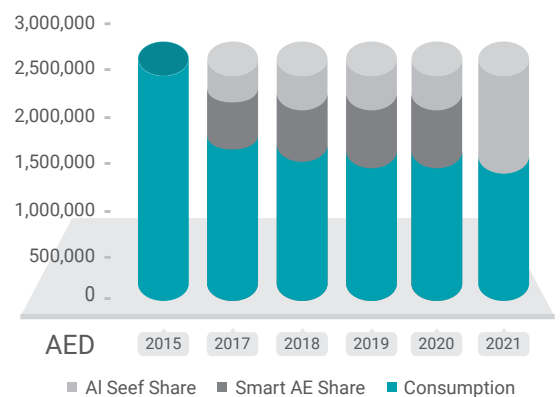


**1.97** Years  
Simple Payback



**33.1%**  
Energy Savings

### Energy Savings Profile



\*All the mentioned numbers above are for common areas' consumption only