

# Madina Tower



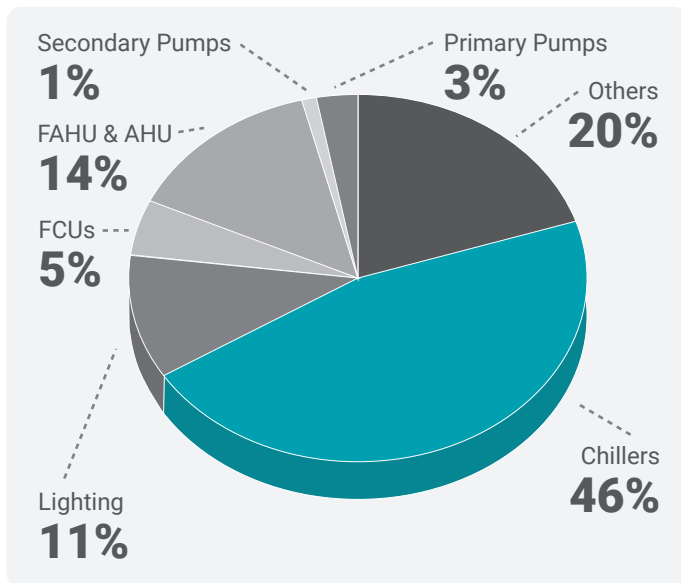
## Project Highlights

**208** Apartments

**30** storey building



## Annual Energy Highlights



**2.7**  
M  
AED

Energy Bill

**6.1**  
M  
kWh

Energy Consumption



## Challenges



High Energy Bills

High Humidity and Condensation causing Human Discomfort



## Solution



Demand Controlled Ventilation



Chilled Water Pumps Replacement



## Financing



Guaranteed Savings



## Project Results

**Environment**

**1.11** M kWh Savings

**CO<sub>2</sub>** ↓ **826** Tonnes

↓ **177**

↑ **21,409**  
ten-year old seedlings

**Economic**

**494,721** AED  
Annual Energy Cost Savings

**8** months  
Simple payback

↓ **18.2%**  
Energy Savings

### Energy Savings Profile

