



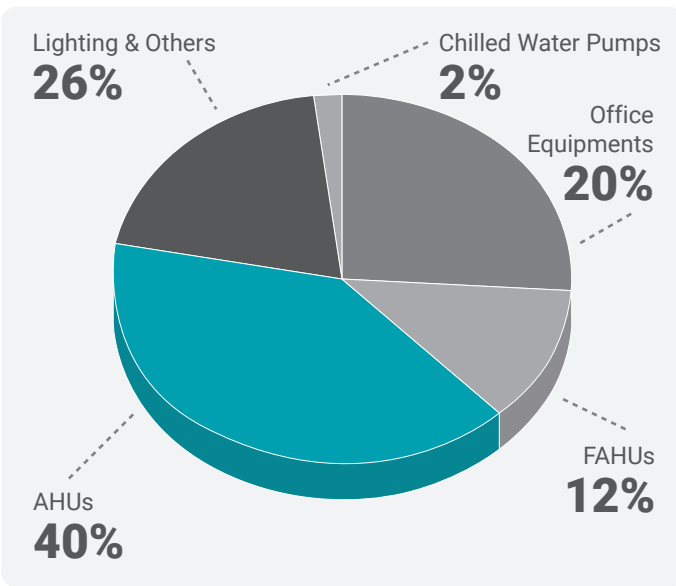
Project Highlights

16,500m² Floor Area

7 storey building



Annual Energy Highlights



3.3
M
AED

Energy Bill

7.33
M
kWh

Energy Consumption



Challenges



High Energy Bills

Temperature Fluctuation causing Human Discomfort



Solution



Demand Controlled Ventilation



Digi-VAV[®] Control System on AHU



VFD Control on AHU



Intelligent Building Analytics Platform



Financing



Guaranteed Savings



Project Results

Environment

1.53 M kWh Savings

CO₂ ↓ **1,109** Tonnes

Car ↓ **238**

Plant ↑ **28,738** ten-year old seedlings

Economic

682,380 AED Annual Energy Cost Savings

2.1 years Simple payback

↓ **20.6%** Energy Savings

Energy Savings Profile

