CU | جامعة المدينة عجمان
CITY UNIVERSITY AJMAN

ENERGY MANAGEMENT PLAN

Objective:

City University Ajman strives to use energy in the most optimized, efficient, cost effective, and environmentally responsible manner possible thus enhancing working conditions, reduce greenhouse gas emissions, contribute to sustainability. The objective of this energy management plan is to use resources in an optimized way and facilitating energy conservation, climate protection and cost savings, while the users have permanent access to the energy they need.

Resources Included:

- Light
- Air-conditioning

Stakeholders Involved:

- Health and Safety
- Facility Management
- Security Supervisor
- Security team
- Housekeeping team
- IT team

Strategic Plan:

- To utilize energy as efficiently as possible with no cost measures (i.e. good housekeeping) and efficient monitored maintenance schedules.
- Develop a monitoring and targeting system for energy/water policy and the performance progress to be reported in comparison to the previous year.
- To invest, design in energy efficient projects, refurbishments with paybacks of less than four years.
- To promote and encourage the energy awareness of staff and students.

City University Ajman is committed to implement measures in reducing greenhouse gas emissions and enhancing campus climate resiliency, and constantly strive in developing and implementing plans, strategies and upgradations to conserve energy use in campus and operate in a more sustainable and efficient way. City University Ajman continuously measures and monitors commitment to sustainability through multiple tools and reporting mechanisms. As an initial step towards sustainability, we have already implemented an efficient Building Management System to monitor and control HVAC system and also installed solar powered lights in parking spaces and outdoors which has reduced the power

consumption .In order to further aim in reduction of utility cost and conservation we are in process to put into effect an Energy Management Program with the help of Energy Saving Companies (ESCO) to leverage optimization of HVAC system, monitor energy consumption and built in awareness to achieve approximately 30% annual energy savings.

By investing in an effective centralized Building Management system by end of 2018, we could achieve nearly 8% and 22% cost efficiency in 2019 and 2020 respectively.