Lebanese French University
Presidency
Directorate of Administration

زانکۆی لوبنانی فەرەنسی
سەرۆکایەتی زانکۆ
بەڕێوەبەرایەتی کارگێڕی

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Subject: Identification of Areas with the Highest Energy Waste within University Facilities

Dear Colleagues,

In alignment with the **Energy Efficiency Plan (2020–2024)** and the University's ongoing sustainability initiatives, a recent internal energy audit has identified several areas across our campus where **energy waste is highest** and corrective measures are urgently required.

The findings indicate that significant inefficiencies are occurring primarily due to prolonged lighting use during unoccupied hours, inefficient air-conditioning control, and outdated electrical systems in certain academic and administrative blocks. The areas of greatest concern include:

1. **Main Academic Complex (Blocks A and B):** Continuous lighting and cooling usage after official working hours.
2. **Library and Research Building:** Inefficient insulation and air-conditioning systems causing excessive energy loss.
3. **Student Services and Administration Wing:** Old office equipment and non-automated lighting resulting in unnecessary electricity consumption.
4. **Outdoor Lighting and Parking Areas:** Conventional light fixtures operating beyond required nighttime duration.

To address these issues, the following measures will be implemented over the coming months:

- Replacement of all conventional fixtures with LED lighting systems and installation of motion sensors in classrooms, corridors, and restrooms.
- Scheduling and automation of HVAC systems to optimize operational hours.
- Introduction of a smart-metering dashboard for monitoring energy use in real time.
- Conducting awareness workshops for all staff and students on reducing daily energy waste.

We urge all departments to cooperate fully with the Engineering Department and the Sustainability Committee during the implementation and monitoring stages. Each faculty and unit is requested to assign an Energy Coordinator to oversee compliance and submit feedback on progress.

Your collaboration is crucial to achieving the University's goal of a 20 percent energy reduction by 2024. Together, we can transform LFU into a model of responsible and sustainable energy management.

With sincere appreciation for your continued support,

LFU Directorate of Administration

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