

# University of Macau Energy-Saving Competition

## Rules

July, 2016

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### 1. Goals

Environmental protection is a topic which attracts world concern and is closely tied to sustainable development of a society. Aligned with its commitment to nurturing talents with specialized knowledge and caring minds, the University of Macau organizes the captioned competition in order to raise awareness about environmental protection among its faculty and staff and encourage them to promote an energy-saving culture on campus while setting a good example to students in terms of responsible use of resources and caring for the community.

### 2. Organizing units

Campus Management Office of the University of Macau

Faculty of Science and Technology of the University of Macau

### 3. Program

#### 3.1 Timeframe

- From August 1<sup>st</sup> to December 31<sup>st</sup>, 2016

#### 3.2 Participating units

- The following 19 buildings will be automatically registered, each being an individual participating unit. Every participating unit shall appoint a coordinator committed to follow-ups and communication needed during the competition. The following table lists user departments in different participating units:

No.	Participating units	User Departments
1.	Administrative Building (N6)	Rector's Office (RTO), University Council Office (UCO), Research & Development Administration Office (RDAO) Human Resources Office (HRO), Office of Health, Safety and Environmental Affairs (HSEO), Publications Centre (PUB) Campus Development Office (CDO), Campus Management Office (CMO) Academic Affairs Office (AAO), Alumni and Development Office (ADO), Graduate School (GRS), Information and Communication Technology Office (ICTO)

No.	Participating units	User Departments
		Finance Office (FO), Communications Office(CO), Global Affairs Office (GAO)
2.	Scientific Research Building (N21)	State Key Laboratory of Analog and Mixed-Signal VLSI (AMSV), Faculty of Science and Technology (FST), The UMTec Limited (UMTec)
3.	Scientific Research Building (N23)	Center for Engineering Research and Testing (CERT), Institute of Applied Physics and Materials Engineering (IAPME)
4.	Scientific Research Building (N22)	Institute of Chinese Medical Sciences (ICMS), International Society for Chinese Medicine (ISCM), World Health Organization Collaboration Centre for Traditional Medicine (WHO), Faculty of Health Sciences (FHS)
5.	University Library and Gallery (E1-E2)	University Library (LIB)
6.	Central Teaching Building (E3-E7)	Faculty of Arts and Humanities (FAH), Faculty of Social Sciences (FSS), English Language Centre (ELC), Centre for Macau Studies (CMS), Centre for Continuing Education (CCE), Centre for Teaching and Learning Enhancement (CTLE), Information and Communication Technology Office (ICTO), Academic Affairs Office (AAO)
7.	Faculty of Science and Technology (E11)	Faculty of Science and Technology (FST)
8.	Faculty of Health Sciences (E12)	Faculty of Health Sciences (FHS)
9.	Faculty of Social Sciences / Faculty of Arts and Humanities (E21)	Faculty of Social Sciences (FSS), Faculty of Arts and Humanities (FAH)
10.	Faculty of Business Administration (E22)	Faculty of Business Administration (FBA)
11.	Faculty of Law / Faculty of Education (E32 & E33)	Faculty of Law (FLL), Faculty of Education (FED)
12.	Shiu Pong College (S9)	Shiu Pong College (SPC)
13.	Moon Chun Memorial College (W11)	Moon Chun Memorial College (MCMC)
14.	Choi Kai Yau College (W12)	Choi Kai Yau College (CKYC)
15.	Henry Fok Pearl Jubilee College (W14)	Henry Fok Pearl Jubilee College (HFPJC)
16.	Stanley Ho East Asia College (W13)	Stanley Ho East Asia College (SHEAC)
17.	Chao Kuang Piu College (W21)	Chao Kuang Piu College (KCPC)
18.	Lui Che Woo College (W22)	Lui Che Woo College (LCWC)
19.	Cheng Yu Tung College (W23)	Cheng Yu Tung College (CYTC)

### 3.3 Methods

- Different user departments of each participating unit and Campus Management Office shall tailor-make their own energy-saving measures to encourage participation and implementation among the faculty and staff;
- In the middle of every month the Campus Management Office provides monthly electricity consumption data and information on actual costs of each participating unit as well as statistical comparison with those of the same period in the previous year;
- According to the comparison data mentioned above, the participating unit which achieves the greatest cost savings in electricity consumption on a cumulative basis within the five months of the competition will be the winner (the actual costs shall be those indicated in the monthly bills provided by Companhia de Electricidade de Macau – CEM, S.A.).

### 4. Awards

- The top three participating units which achieve the greatest cost savings in electricity consumption will be granted champion, first runner-up and second runner-up awards, respectively, and rewarded by the following:

Winners	Reward	
	Way of calculation and What will be the reward	Ceiling
Champion	Multiply the total amount of saved electricity costs of the individual participating unit within the established timeframe (5 months) by 5%.  (The reward can be used in exchange activities among the faculty and staff or for the purchase of souvenirs. Its amount is not bound to the upper limit defined in the first clause of the “University of Macau Guidelines for	MOP30,000.00
First Runner-up		MOP25,000.00
Second Runner-up		MOP20,000.00

	Working Meals”, however, it shall be spent within the annual budget of 2017.)	
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- The award presentation will be held in February, 2017.

## 5. Others

- The Facility Operations and Maintenance Section (FOM) will organize activities for energy-saving propaganda and provide a training on electricity use reduction for participating units;
- The organizing units reserve the right to amend the present rules and that of final interpretation.

## 6. Enquiries

- For enquiries, please contact Mr. Dicky Lam of the Campus Development Office of the University of Macau by calling 8822 8052 or by email to [dickylam@umac.mo](mailto:dickylam@umac.mo).

Campus Management Office of the University of Macau

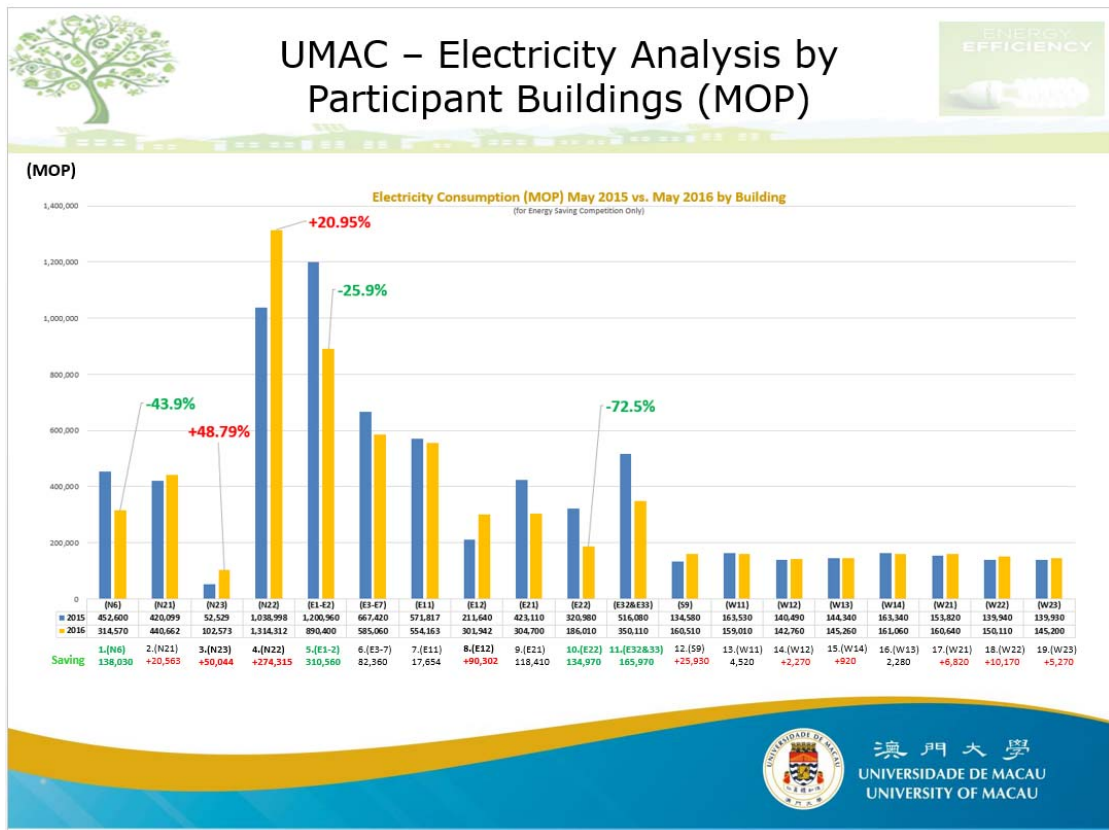
Faculty of Science and Technology of the University of Macau

Attachment:

Analysis data on electricity consumption of the participating units in May 2016

# UMAC Monthly Electricity Consumption Report

## - May 2016

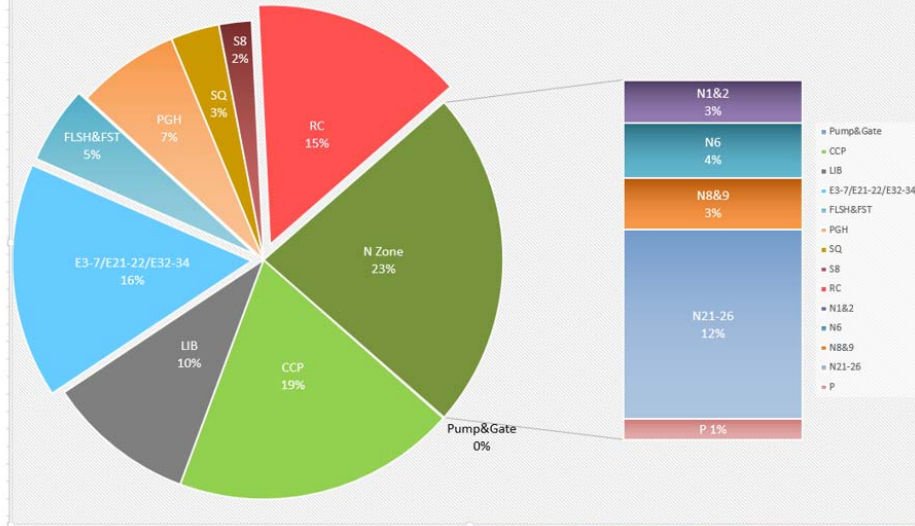




# UMAC Monthly Power Consumption Report - May 2016



Monthly Electricity Distribution (kWh) by Building Group - May 2016



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UNIVERSIDADE DE MACAU  
UNIVERSITY OF MACAU