Optimal Use of Electricity in Mosques
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Electricity is a precious grace and is a gift bestowed upon us by God. We can express our appreciation and gratitude for this blessing by not being either wantonly extravagant nor miserly, or operating dozens of air conditioners and electric lamps in mosques during prayer times as they not only cause financial loss, but can also result in a power outage in homes, mosques, hospitals, and government facilities. Certain mosque officials have begun implementing ways for conserving energy in which group prayers are held in only a certain portion of the mosques for compulsory prayers where air conditioning and lighting systems are operated. At Friday prayers, however, the mosques’ entire prayer halls are used to maximum capacity. We find it necessary to share this experience to others for optimal use of electricity.

Here are some instructions on how to optimize the use of electric power

1. Use of software system that automatically turns on the air conditioner to correspond with the prayer times.
2. Operate the air conditioning only when necessary as when performing the prayer. Run the air conditioner sufficiently ahead of the prayer time.
3. Set the thermostat at a moderate temperature of around 25 C.
4. Make sure to turn off all air conditioners after prayer time.
5. Carry out preventive maintenance of all types of HVAC systems at least once a year.
6. Clean the air filters once every two weeks to remove dust particles that impede the flow of warm air from inside the room to the outside which can cause an increase in power consumption and rising electric bill.
7. Use electric fans whenever possible instead of air conditioning and ventilate the room by opening the windows to let out odors and let in fresh air.
8. When the air conditioning is on, keep all windows and doors closed to prevent warm air from entering the mosque.
9. Use automatic door closers in entrances to the mosque to prevent warm air from entering.
10. Use transparent double glazed glass for windows to bring the benefit of natural sunlight indoors and keep the external temperature from entering the mosque.
11. Use energy-efficient bulbs.
12. Reduce or turn off the lights inside and outside the mosque after the prayers.
13. Ensure that the heating systems are turned off during the months of summer.
14. Check to make sure that the thermostat is working properly. A defective thermostat causes the heater to run continuously.

15. Set your water heater’s thermostat to 60 C.

16. Turn off of the fans inside the mosque and the ventilation fans in the toilets after prayers.

17. Use photocell light switch to switch on/off the lighting system around the mosques’ fences.

Religious Sessions and Lectures
Religious sessions and lectures are important ways to educate worshippers. Mosques usually hold daily or weekly lectures and seminars for worshippers and prayer attendees. These sessions are an ideal way to educate people about the importance of optimal use of electricity, and how not to be extravagant and wasteful in the use of energy. The Juma’a prayer can also be used to spread awareness, bearing in mind that Islam forbids extravagance and wasteful use of wealth and everything without valid reasons. This concept is worth sharing with them and accordingly, they will follow the right way towards rationalization and conservation of this national wealth in our beloved country.

Daily Electric Peak Load Hours
Daily peak load occurs between 12 p.m. and 5 p.m. during the summer months. We ask you to delay the use of unnecessary electrical devices to make sure that mosques won’t face a power outage due to the rate of increase in demand for electricity.
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