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UNIVERSITY

The rising STAR of Texas

August 27, 2014

TO: Dr. Joanne Smith
Vice President for Student Affairs

FROM: Bill Nance 
Vice President for Finance and Support Services

SUBJECT: ASG Legislation S.R.F. 2013-2014/11 "A Resolution Calling for More
Occupancy Sensors on Campus"

Facilities reviewed this legislation and would like to state for the record that the university already has an active program underway to install occupancy sensors. Facilities conducted energy audits in 2012 and validated that it would be beneficial to install occupancy sensors in existing facilities as part of a comprehensive energy retrofit program. The use of occupancy sensors is also addressed as part of our adherence to the energy code, ASHRAE 90.10-2010 standards and LEED criteria.

Occupancy sensors for lighting control and their use were identified in the "Energy Audit Report" performed by EEA consulting engineers, which was completed in March 2013 and by the NetImpact program. The audit has led to a phased energy conservation and retrofit project which among other things includes but is not limited to: *"replacement of existing low efficiency lighting with new higher efficiency lighting and addition of motion sensors, where applicable, for HVAC, lighting and vending machine controls to reduce operating hours of these systems."* These replacements are being scheduled to minimize the disruption in occupied spaces and to systematically accomplish the work based on a prioritized list that is based on among other considerations energy consumption and return on investment calculations.

Facilities recommends that the response to ASG state that the university will continue to incorporate provisions from applicable codes (e.g., ANSI/ASHRAE/IES) as well as LEED criteria, which call for among other energy efficiency measures, the installation of occupancy sensors, as part of the requirements for all new construction projects and major renovations of buildings.

VICE PRESIDENT FOR FINANCE AND SUPPORT SERVICES

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