OP 01.27: Sustainability, Facilities Operation, Grounds, Materials, and Transportation.

Date: 11/22/2011 AND 01/23/2012

Purpose

The purpose of this policy is to set a framework and procedure for sustainable facility development and operations, grounds development and maintenance, materials procurement and disposal, and transportation.

Policy

Mississippi State University (MSU) understands the impact of our landholdings, facilities, and campus activities on the economy and the environment, and thus we seek to develop a sustainable foundation that sets the framework for all campus activities. This policy covers all of the land and facilities of Mississippi State University, including the statewide facilities of the Mississippi Agriculture and Forestry Experiment Station (MAFES), the Extension Service, and the Meridian Campus.

Management

A Sustainability Committee shall be named by the Provost and Executive Vice President and the Executive Director of Campus Operations. The Committee will serve MSU by recommending practices for and to promote sustainable facility development and operations, grounds development and maintenance, materials procurement and disposal, and transportation. In addition, the Committee shall help guide the implementation of energy management and conservation efforts. This committee shall review requests for deviations to the guidelines set forth in the Mississippi State University Design and Construction Standards Manual and this policy and shall make recommendations regarding requests for deviations to the appropriate Vice President overseeing construction.

Procedures

Facilities Operations – energy, construction, utilities

- All projects must follow the Mississippi State University Design and Construction Standards Manual and must comply with the Sustainability Policy of the Institutions of Higher Learning unless approval for a deviation is obtained from the appropriate authority.
- All new construction and/or major repair and renovation of existing facilities must be designed to meet energy-efficient goals which exceed the most current year of the American Society of Heating, Refrigerating and Air-Conditioning Engineer's (ASHRAE) Standard 90.1 by 30% when determined life-cycle cost effective. Should a professional determine that it is not cost effective to exceed ASHRAE 90.1 by 30%, the professional shall submit to the Sustainability Committee energy simulation modeling showing the initial cost associated with exceeding ASHRAE 90.1 by 30% as compared to the benefits of increased efficiency over a 10 year payback period. The Sustainability Committee shall review the modeling and shall have the opportunity to make recommendations to the Vice President overseeing construction.
- Renovation of historically significant buildings should meet or exceed ASHRAE 90.1 standards where appropriate for the scope of work and determined life-cycle cost effective. Should a professional determine that it is not cost effective to exceed ASHRAE 90.1 by 30%, the professional shall submit to the Sustainability Committee energy simulation modeling showing the initial cost associated with exceeding ASHRAE 90.1 by 30% as compared to the benefits of increased efficiency over a 10 year payback period. The Sustainability Committee shall review the modeling and shall have the opportunity to make recommendations to the Vice President overseeing construction.
- A minimum of 25% of the annual recurring savings from completed energy efficiency projects shall be set aside each year in the appropriate fund and used to finance future energy efficiency projects. If debt is incurred to pay for and initiate said energy projects, the resulting savings must be first used to repay the debt. In the event that savings are greater than debt service, 25% of those savings above debt service shall be set aside in the appropriate fund.

Grounds – stormwater management, native landscapes, reforestation

- All landscape construction (plant selection, stormwater management, construction standards) projects, reforestation, maintenance, or other landscape specific project must follow any applicable standard of the Mississippi State University Design and Construction Standards Manual and the Campus Master Plan.

Materials – purchasing, waste, and recycling

- All purchases must follow the Procurement and Contracts Environmental Purchasing Guide unless a deviation is approved by the Office of Procurement and Contracts.
- Recycling opportunities should be provided to all facilities for all recycling commodities to the extent possible.

Transportation – public transit, bike, pedestrian, car share

- Efforts should be made to expand the bike and sidewalk network to match those recommendations set forth by the Campus Master Plan.
- Efforts should be made to expand the existing shuttle system to meet the goals of the Campus Master Plan.

Review

The Executive Director of Campus Operations is responsible for the review of this policy every four years or as needed.

RECOMMENDED BY:

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Executive Director of Campus Operations

REVIEWED BY:

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Director of Internal Audit

/s/ Joan Lucas 11/17/2011
Joan Lucas Date
General Counsel

/s/ Jerome A. Gilbert 11/19/2011
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Provost and Executive Vice President

APPROVED BY:

/s/ Mark Keenum 01/24/2012
Mark E. Keenum Date
President