

**To:** The University Senate  
**From:** University Resources Policy Committee  
 Sustainability Committee  
**Subject:** Proposed amendment: Committee for Sustainability Planning and Assessment  
**Reference:** Senate Document 11-15  
**Disposition:** University Senate for Discussion and Adoption

**Rationale:** The Committee for Sustainability Planning and Assessment (Sustainability Committee) was formed in 2011, and its foundational document has not been revised since. In the years following its creation, it has become apparent that the committee as originally envisioned is too large to function effectively: meetings are exceedingly difficult to schedule, and because the committee therefore struggles to meet quorum, it is difficult to take actions or be responsive. As part of this, the actions taken by this committee apply only to PWL campus, therefore it is proposed to remove regional campus participation from the committee.

**Proposal:** The composition and function of the Sustainability Committee will be altered as follows:

<b>Original</b>	<b>Proposed</b>
University Senate Document 11-15	University Senate Document 11-15
WHEREAS, the Purdue University Board of Trustees authorized the completion of a Comprehensive Energy Master Plan (CEMP) to look at the production, distribution, and demand of the campus going forward to meet the university's energy needs through 2035, and	WHEREAS, the Purdue University Board of Trustees authorized the completion of a Comprehensive Energy Master Plan (CEMP) to look at the production, distribution, and demand of the campus going forward to meet the university's energy needs through 2035, and
WHEREAS, Purdue received a cumulative grade of "B-" on the 2011 College Sustainability Report Card, which evaluates the progress universities have made in the area of sustainability based	WHEREAS, Purdue received a cumulative grade of "B-" on the 2011 College Sustainability Report Card, which evaluates the progress universities have made in the area of sustainability based

on information provided by university administrators<sup>1</sup>, and

WHEREAS, Purdue has been ranked 8th in the Big Ten for sustainability, falling behind universities such as Michigan State University, University of Michigan, Pennsylvania State, University of Minnesota, University of Wisconsin-Madison and Indiana University, which all performed better than Purdue in the Sustainability Report Card rankings, and

WHEREAS, data from the Office of Sustainability indicates that Purdue's total campus energy usage has increased year after year and will continue to do so<sup>2</sup>, and

WHEREAS, Michigan State University, an institution of comparable size and energy demands as Purdue and current home to the largest coal-burning plant on a college campus, has formed a taskforce made up of students and faculty to develop that university's "Energy Transition Plan" with a goal to have 40% of energy come from renewable sources by 2030<sup>3</sup>, and

WHEREAS, the Purdue University Sustainability Strategic Plan, adopted in April 2010, established a goal to "source renewable energy for 10 percent of the campus's total energy demand" by 2025<sup>4</sup>, but concrete, university-wide objectives have not been set to achieve this goal, and

WHEREAS, the University Resources Policy Committee of the University Senate is concerned with "planning optimal utilization of the physical facilities of the University, including buildings, the library, scientific and equipment and educational aids" and has subcommittees including Architectural and Landscape Design and Planning and

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WHEREAS, the University Resources Policy Committee of the University Senate is concerned with "planning optimal utilization of the physical facilities of the University, including buildings, the library, scientific and equipment and educational aids" and has subcommittees including Architectural and Landscape Design and Planning and

<p>Budget Interpretation, Evaluation and Review, and</p> <p>WHEREAS, this committee has the opportunity to engage stakeholders across the university in setting goals for the sustainability future of Purdue and evaluate institutional progress in achieving these goals, and</p> <p>WHEREAS, progress towards greater utilization of alternative and renewable sources of energy would provide opportunities to utilize the campus as a "living laboratory" to evaluate new energy technologies and energy saving strategies, producing innovative research in the growing field of energy systems and policy and providing possibilities for new coursework and student experiences in these areas, and</p> <p>WHEREAS, such a commitment will benefit Purdue's long-term sustainability, economic wellbeing, and prestige as well as advance the objectives of the Innovative Purdue section of the Decadal Funding Plan<sup>5</sup> and thus contribute to the economic prosperity of the State of Indiana;</p> <p>THEREFORE, be it RECOMMENDED by the Purdue University Senate Resources Policy Committee that Purdue University Senate establish a new committee with the following parameters:</p> <p>A. The committee shall report to the University Resources Policy Committee (URPC).</p> <p>B. The committee shall be composed of representatives of the student body as appointed by Purdue Student Government; one graduate student as appointed by the Purdue Graduate Student Government; <del>one member of the</del></p>	<p>Budget Interpretation, Evaluation and Review, and</p> <p>WHEREAS, this committee has the opportunity to engage stakeholders across the university in setting goals for the sustainability future of Purdue and evaluate institutional progress in achieving these goals, and</p> <p>WHEREAS, progress towards greater utilization of alternative and renewable sources of energy would provide opportunities to utilize the campus as a "living laboratory" to evaluate new energy technologies and energy saving strategies, producing innovative research in the growing field of energy systems and policy and providing possibilities for new coursework and student experiences in these areas, and</p> <p>WHEREAS, such a commitment will benefit Purdue's long-term sustainability, economic wellbeing, and prestige as well as advance the objectives of the Innovative Purdue section of the Decadal Funding Plan<sup>5</sup> and thus contribute to the economic prosperity of the State of Indiana;</p> <p>THEREFORE, be it RECOMMENDED by the Purdue University Senate Resources Policy Committee that Purdue University Senate establish a new committee with the following parameters:</p> <p>A. The committee shall report to the University Resources Policy Committee (URPC).</p> <p>B. The committee shall be composed of representatives of the student body as appointed by Purdue Student Government; one graduate student as appointed by the Purdue Graduate Student Government; <b>and members of</b></p>
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~~faculty and one student from each Purdue Regional Campus; and members of the Purdue faculty as appointed by the University Senate Nominating Committee; one member of the clerical staff as appointed by the Clerical and Service Staff Advisory Committee; and one member of the Administrative and Professional Staff as appointed by the Administrative and Professional Staff Advisory Committee. Membership will have a maximum of 28 members with no less than 8 student members and two faculty members from URPC.~~

C. The purpose of the committee shall be to set five-year goals to advance the sustainability of the university, guided by Purdue University's Sustainability Strategic Plan including but not limited to reducing overall energy consumption and transitioning to greater utilization of clean and renewable sources of energy, determine measurable objectives for achieving these goals, and evaluate progress in meeting the objectives.

D. Recommendations developed by the committee shall include a comparative economic analysis including life cycle cost including cost of capital, operations, maintenance and integration into the existing grid and distribution systems.

E. The committee shall submit a report of its findings to the University Senate at least one time each academic year.

Respectfully submitted on behalf of the Purdue Faculty Sustainability Committee.

References:

1 Sustainable Endowments Institute (2011), "College Sustainability Report Card - Purdue University," found at

**the Purdue faculty as appointed by the University Senate Nominating Committee. Membership will have a maximum of 10 members with no fewer than 2 student members and one faculty member from URPC.**

C. The purpose of the committee shall be to set five-year goals to advance the sustainability of the university, guided by Purdue University's Sustainability Strategic Plan including but not limited to reducing overall energy consumption and transitioning to greater utilization of clean and renewable sources of energy, determine measurable objectives for achieving these goals, and evaluate progress in meeting the objectives.

D. Recommendations developed by the committee shall include a comparative economic analysis including life cycle cost including cost of capital, operations, maintenance and integration into the existing grid and distribution systems.

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<p><a href="http://www.greenreportcard.org/report-card-2011/schools/purdue-university">http://www.greenreportcard.org/report-card-2011/schools/purdue-university</a> 2 Energy Stewardship (2010). Purdue University: Electricity Multiyear comparison, <a href="http://www.purdue.edu/sustainability/energy.htm">http://www.purdue.edu/sustainability/energy.htm</a> 3 Energy Transition Plan (2012). Michigan State University: <a href="http://president.msu.edu/energy-transition-plan/energy-transition-plan.pdf">http://president.msu.edu/energy-transition-plan/energy-transition-plan.pdf</a> 4 Purdue University (2010), Sustainability Strategic Plan, <a href="http://www.purdue.edu/sustainability/pdf/Purdue_University_Sustainability_Strategic_Plan_April_2010.pdf">http://www.purdue.edu/sustainability/pdf/Purdue_University_Sustainability_Strategic_Plan_April_2010.pdf</a> 5 Purdue University, Decadal Funding Plan, <a href="http://www.purdue.edu/provost/documents/Senate-DecadalUpdate-23Jan12.pdf">http://www.purdue.edu/provost/documents/Senate-DecadalUpdate-23Jan12.pdf</a></p>	<p><a href="http://www.greenreportcard.org/report-card-2011/schools/purdue-university">http://www.greenreportcard.org/report-card-2011/schools/purdue-university</a> 2 Energy Stewardship (2010). Purdue University: Electricity Multiyear comparison, <a href="http://www.purdue.edu/sustainability/energy.htm">http://www.purdue.edu/sustainability/energy.htm</a> 3 Energy Transition Plan (2012). Michigan State University: <a href="http://president.msu.edu/energy-transition-plan/energy-transition-plan.pdf">http://president.msu.edu/energy-transition-plan/energy-transition-plan.pdf</a> 4 Purdue University (2010), Sustainability Strategic Plan, <a href="http://www.purdue.edu/sustainability/pdf/Purdue_University_Sustainability_Strategic_Plan_April_2010.pdf">http://www.purdue.edu/sustainability/pdf/Purdue_University_Sustainability_Strategic_Plan_April_2010.pdf</a> 5 Purdue University, Decadal Funding Plan, <a href="http://www.purdue.edu/provost/documents/Senate-DecadalUpdate-23Jan12.pdf">http://www.purdue.edu/provost/documents/Senate-DecadalUpdate-23Jan12.pdf</a></p>
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**Committee Votes (Sustainability):**

**For:**

Andrea DeMaria  
Cody Mullen  
Jon Rienstra-Kiracofe  
Jaylene Nichols  
Ernesto Marinero  
Aaron Lottes  
Sean Peng  
Bruce Kingsbury  
Ann Weil  
Amanda Darbyshire

**Against:**

Mark McNalley

**Abstained:**

**Absent:**

Jonathan Bauchet  
Matthew Bearden  
Fabricio d'Almeida  
Sumon Datta  
Anna Hampton  
Kendrick Hardaway  
Alex Kildishev  
Vilas Pol  
Zhiwei Zhu

**Committee Votes (URPC):**

**For:**

Jonathan Bauchet  
Min Chen  
Yingie Chen  
Benjamin Dunforth  
Lori Hoagland (Chair)  
Julio Ramirez  
John Sundquist  
Ann Weil  
Mike Zimmerman

**Against:**

Howard Zelaznik

**Abstained:**

N/A

**Absent:**

Mike Cline  
Carl Krieger  
Juan Sesmero  
Yuan Yao