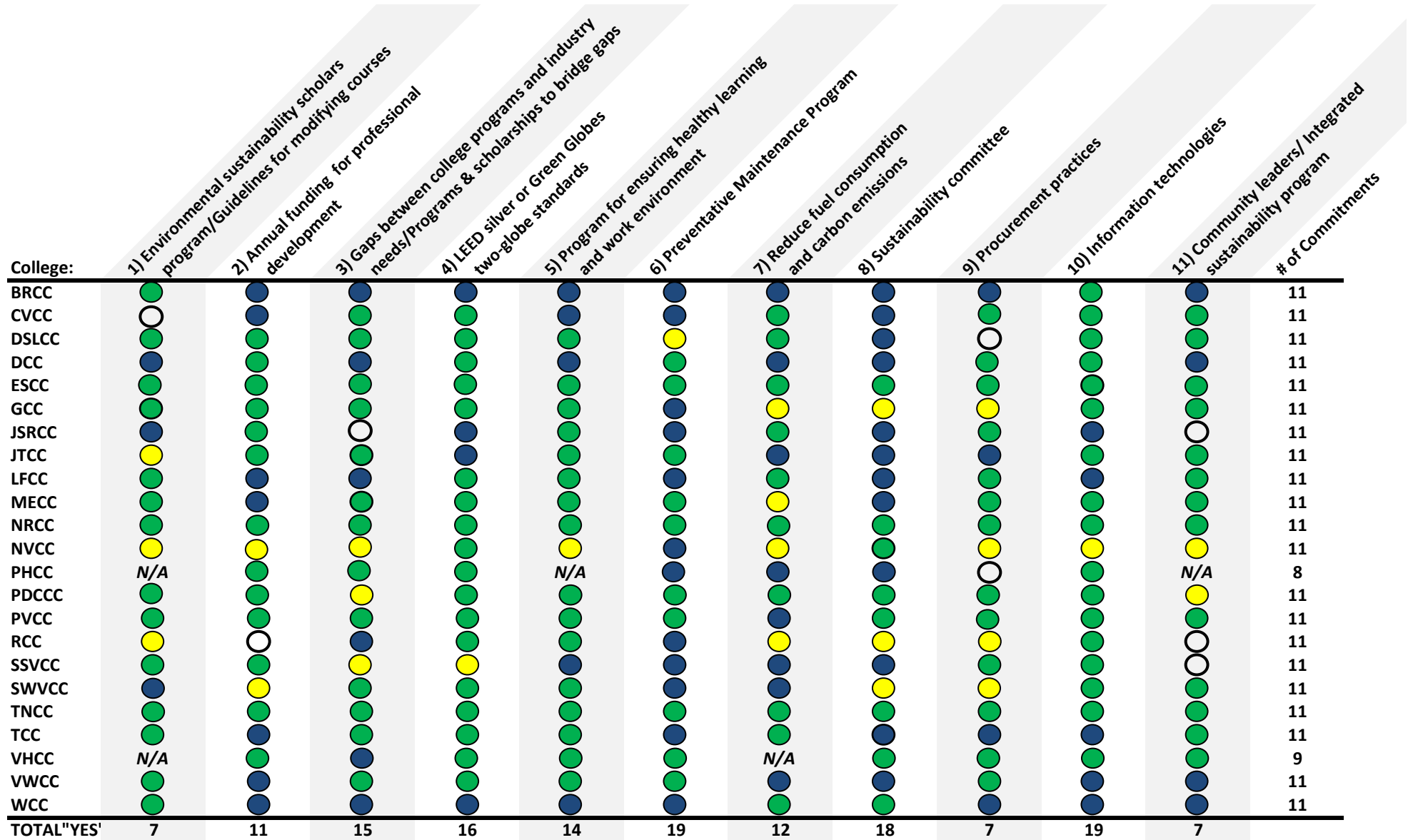













AT A GLANCE - JUNE 2013

Progress on Implementing Recommendations of the  
Environmental Sustainability Task Force




KEY: ● Completed    ● Progressing As Expected    ● Progressing With Challenges    ○ No Report Yet

**Progress on Implementing Recommendations of the  
Environmental Sustainability Task Force  
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College:	Submitted By:	1) Develop an environmental sustainability scholars program, and establish guidelines for modifying courses to include environmental sustainability components. (p. 5)	Progress Status:
Blue Ridge Community College	Dr. John A Downey	We have not developed an environmental sustainability scholars program. However we have developed an environmental learning community program. In addition, several courses have been developed directly related to environmental topics or in which sustainability has been infused into existing courses. This past year we revised and updated our Credit Career Studies Certificate in Alternative Energy. We also offer several non-credit courses related to sustainability topics.	 Implementation  Progressing as Expected
Central Virginia Community College	John Poole	The scholars program has not been implemented as of this date.	 No Report Yet
Dabney S. Lancaster Community College	Richard Teaff	In Forestry and wind Programs	 Implementation  Progressing as Expected
Danville Community College	Jerry Franklin	Implemented in 2011-12. Additional course ENE 105 - Intro to Solar Thermal - Active and Passive created and delivered Fall 2012.	 Implementation Completed
Eastern Shore Community College	Eve Belote	ESCC has worked towards establishing non-credit courses in wind/solar and weatherization. Some faculty are introducing sustainability content into existing credit courses where appropriate.	 Implementation  Progressing as Expected
Germanna Community College	Pam Shifflett	The college plans to designate 6 classes (Bio 102 - 4 credits, Bio 107 - 4 credits, Env 136 - 3 credits, Eng 112 - 3 credits, Chm 129 - 3 credits and Chm 130 - 4 credits) to meet the 15 credit hours as approved environmental sustainability courses. Upon completion of the 15 credits the student will earn a designation on their degree, diploma, certificate and transcript. Faculty are encouraged to incorporate environmental sustainability concepts and ideals into the courses. Students may select from the designated courses as desired. The college will need to establish a timeline for final implementation.	 Implementation  Progressing as Expected
J. Sargeant Reynolds Community College	Amy Bradshaw	1. J. Sargeant Reynolds implemented the Chancellor's Environmental Sustainability Scholars program as of Fall Semester 2012. Currently, three Reynolds courses meet Environmental Sustainability designation.	 Implementation Completed

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College:	Submitted By:	1) Develop an environmental sustainability scholars program, and establish guidelines for modifying courses to include environmental sustainability components. (p. 5)	Progress Status:
John Tyler Community College	Greg Dunaway, Director of Facilities	<p>John Tyler Community College currently and continues to offer coursework related to sustainability. Courses have had to adjust over time based on enrollment. The College offered CHM 129/130 Chemistry for a Sustainable World I and II in 2012 and 2013, however enrollment was minimal, due to a concern of actual transferability to four-year schools. During the summer of 2013, the College offered release time to a full-time faculty member to design and implement ENV 121/122, General Environmental Science I and II, as part of the two-semester science sequence to be included on the transfer elective list. The courses replaced CHM 129/130 classes in the curriculum. The ENV courses are more transferable and are expected to have good enrollment. The College has supported the forming of a Student Environmental Science Club. Along with new environmental science courses, the College continually aims to expand student interest in sustainability coursework. The College offered AIR 193, Studies in Green Awareness, during the 2012 and 2013 summer semester. Unfortunately, the courses were cancelled, due to low enrollment. College building trades courses have a component on the use of sustainable materials, and many faculty address the issue, especially those in science and occupational-technical areas. Faculty are continually encouraged to address environmental sustainability within their courses, as appropriate.</p>	<p>Implementation   Progressing with Challenges</p>
Lord Fairfax Community College	Chris Boies	<p>A Shenandoah Valley Energy Partnership Grant was received from the Shenandoah Valley Workforce Investment Board on March 1, 2010 to end on February 27, 2013. A CSC in Sustainability and Green Construction was developed by the lead faculty member, approved by the Curriculum and Instruction Committee on September 23, 2010 and fully approved by VCCS on November 24, 2010, to allow student enrollment with the spring 2011 semester. The development of this career studies certificate will provide students with a substantial advantage when applying for jobs with architectural firms, engineering firms, and construction companies that are involved with green building design and construction. Students completing this program should have a fundamental understanding of green and sustainable building and site design and solar energy systems including installation. The lead faculty member completed training in Solar Electric Fundamentals and Grid Direct Design; LEED's Certification for Green Construction; Building for the Future, Sustainable Home Design through Solar Energy International, and a hands-on course on Grid Direct Solar Lab Installation. The lead faculty developed courses in Sustainability Building and Site design as well as Solar Energy Fundamentals.</p>	<p>Implementation   Progressing as Expected</p>
Mountain Empire Community College	Donna Shelton	<p>Approved courses have been identified and faculty have incorporated information into their advising activities.</p>	<p>Implementation   Progressing as Expected</p>

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		<b>1) Develop an environmental sustainability scholars program, and establish guidelines for modifying courses to include environmental sustainability components. (p. 5)</b>	
<b>College:</b>	<b>Submitted By:</b>		<b>Progress Status:</b>
New River Community College	Kathy Ridpath - Administrative Specialist President's Office	College offers 2 Career Studies Certificates: Alternative Energy and Renewable Energy Basics. Faculty have freedom to infuse environmental sustainability content in their courses and programs.	● Implementation Progressing as Expected
Northern Virginia Community College	Robert Johnson	With the addition of NOVA's Sustainability Officer (Oct 2012), we have a single point of contact to promote the development and integration of sustainability across the curriculum. NOVA is beginning the discussion to have a green center of excellence at one of its campuses, potentially both an academic center and a workforce training center. Development of such a program or programs may include a sustainability scholars program or a sustainability certification program.	● Implementation Progressing with Challenges
Patrick Henry Community College	Jack Hanbury	Not an adopted goal.	● No Report Yet
Paul D. Camp Community College	Joe Edenfield	PDCCC faculty members have been working on this project. They have reached out to the VCCS and sister institutions to inquire about best practices. Additionally, PDCCC is hiring an adjunct faculty member for sustainability. His/Her charge will include encouraging PDCCC faculty members to infuse environmental sustainability into existing and newly created courses.	● Implementation Progressing as Expected
Piedmont Virginia Community College	Stephen Parker	The PVCC Educational Foundation provides curriculum mini grants to support curriculum revision infusing sustainability concepts.	● Implementation Progressing as Expected
Rappahannock Community College	Tom Martin		● Implementation Progressing with Challenges
Southside Virginia Community College	Peter Hunt		● Implementation Progressing as Expected

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College:	Submitted By:	1) Develop an environmental sustainability scholars program, and establish guidelines for modifying courses to include environmental sustainability components. (p. 5)	Progress Status:
Southwest Virginia Community College	Dr. J. Mark Estep	<p>This past year, the Environmental Science instructor, presented at a Sustainability Conference at Alfred State. He learned of best practices in sustainability which he incorporated into the classroom. The Environmental Science instructor also took 2 students to the Governor's Sustainability conference and involved them in a presentation. The Building Trades Program and Engineering Program will be utilizing a water-in-oil emulsion HVAC Unit which is eco-friendly and has a proven cost effectiveness. This is a project sponsored through the Virginia Tobacco Commission as a public/private partnership. Cavitronix is the private partner who installed the unit on campus and will train students in installation and monitoring. Classroom instruction will be provided by SWCC and Cavitronix. The students will be offered internships with Cavitronix. SWCC has Career Studies Certificates in Renewable Energy and Energy Efficiency. A popular course embracing "green technology" entitled, "Your Role in the Green Environment" has been integrated into six trades programs: electrical installation, plumbing, carpentry, masonry, HVAC and welding. The course was developed by the National Center for Construction and Energy Research group (NCCER) and instructors are required to attend the NCCER training course and pass a certification exam. The C&amp;I Committee approved this course in October 2010. SWCC is an approved Training Center for the NCCER curriculum and has trained/certified over 80 instructors to date. In addition, BLD 200: Sustainable Development has been developed and is required for the Technical Studies Construction Mgt. program.</p>	<p>● Implementation Completed</p>
Thomas Nelson Community College	Charles A. Nurnberger	<p>For the spring 2013 term, TNCC offered BIO 107 Biology of the Environment.</p>	<p>● Implementation Progressing as Expected</p>

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College:	Submitted By:	1) Develop an environmental sustainability scholars program, and establish guidelines for modifying courses to include environmental sustainability components. (p. 5)	Progress Status:
Tidewater Community College	Frank Dunn	<p>An ad hoc sustainability subcommittee has been created as part of the college's new Renewable Technologies program. The subcommittee voted to change the curriculum to adopt sustainability and increase initiatives in that area. A concept map for the college's Sustainability curricula has been developed and will be used as the basis for creating and integrating a Sustainability focus for courses and programs, and to advance the idea of a scholars program.</p> <p>Additionally:</p> <ul style="list-style-type: none"> <li>* A Geothermal Simulator has been installed, faculty have been trained, and they are using the device in the Renewable Energy Technologies program.</li> <li>* The photovoltaic unit that was installed on the roof of the Pass Building at the Chesapeake Campus is fully operational and is also used as part of the Renewable Energy Technologies program. The project included the installation and use of a large monitor in the main campus building where students can see the energy output of the solar array.</li> <li>* The Automotive Technology faculty continue to pursue a Compressed Natural Gas vehicle program and expansion of Hybrid Vehicle coursework throughout the Automotive Technology curricula.</li> </ul>	<p>Implementation Progressing as Expected</p>
Virginia Highlands Community College	Christine Fields	This is not an area that VHCC agreed to focus on, but have included environmental and green issues in our Biology courses this year.	<p>No Report Yet</p>
Virginia Western Community College	Cheryl C. Miller, Vice President of Finance	The college currently has a Science Integrated Environmental Studies A.S. degree that is a specialization of the biology program, a Technical Studies - Energy Management A.A.S degree and a Water and Waste Water Career Studies Certificate program. The college continues to infuse sustainability content in all of its academic offerings, including those offered by Workforce Development, where applicable.	<p>Implementation Progressing as Expected</p>
Wytheville Community College	Crystal Cregger	Sustainability content is incorporated into Biology, Chemistry and Building Trades Classes and infusion of a sustainability component in other content areas is encouraged. Work to create and environmental sustainability scholars program is ongoing.	<p>Implementation Progressing as Expected</p>

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College:	Submitted By:	2) Provide annual funding specifically for professional development opportunities in sustainability. (p. 7)	Progress Status:
Blue Ridge Community College	Dr. John A Downey	BRCC provides a significant amount of professional development funds annually for any faculty/staff development coursework. Those funds are not targeted to sustainability but are available for employees to use in that manner if desired. The Valley Energy Partnership Grant also provides professional development funds for local businesses to train in environmental topic areas. Finally, we also provide funds through our Educational Foundation for faculty interested in applying innovative sustainability topics into coursework.	● Implementation Completed
Central Virginia Community College	John Poole	Professional development funds are available through our annual professional development funding. No specific amount has been set aside for sustainability.	● Implementation Completed
Dabney S. Lancaster Community College	Richard Teaff	Faculty/staff attended Programs on Wind, Gov Conf on Sustainability, programs on alt energy at JMU, VMI	● Implementation ● Progressing as Expected
Danville Community College	Jerry Franklin	Professional development funding used for sustainability opportunities, but no set aside specifically designated just for sustainability topics.	● Progressing as Expected ● Implementation
Eastern Shore Community College	Eve Belote	PD funding is sufficient to cover these types of opportunities. We are highlighting sustainability-specific opportunities when available.	● Progressing as Expected ● Implementation
Germana Community College	Pam Shifflett	The Environmental Sustainability Committee is responsible for ascertaining and crafting opportunities for the college to become a good global citizen for the college's environment; to provide evidence and preparation for the employees; to raise consciousness of how the college and its employees might contribute to a cleaner and healthier environment while reducing the colleges' carbon foot print. Each member of the committee received an electronic copy of the Chancellor's VCCS Environmental Sustainability report. The members of the committee also attended a webinar designed to help incorporate philosophies into the curricula; toured the RICE Center at VCU; presented two very well attended sessions at the College's annual learning day; and participated in other professional development opportunities.	● Progressing as Expected ● Implementation
J. Sargeant Reynolds Community College	Amy Bradshaw	Funds have been earmarked for professional development opportunities college-wide. The Professional Development Committee evaluates requests for use of the funds which includes all topics.	● Progressing as Expected ● Implementation

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College:	Submitted By:	2) Provide annual funding specifically for professional development opportunities in sustainability. (p. 7)	Progress Status:
John Tyler Community College	Greg Dunaway, Director of Facilities	John Tyler sets aside funding in various departments College-wide to support professional development of our employees. This funding can be used to assist employees in becoming more knowledgeable in sustainability-related fields and/or methods. Various Facilities Department staff members have completed studies in HVAC studies, which includes coursework in the latest technology in energy efficient building systems. College building trades courses have a component on the use of sustainable materials. Facilities Grounds staff have also been funded to assist in achieving a Virginia Horticulturalist Certification and annually attend the Central Virginia Nursery and Landscape Association Symposium. JTCC Faculty and Staff are also encouraged to and regularly attend professional development conferences and events, such as the Virginia Environment Symposium and Virginia Facilities VAPPA Conference.	Implementation Progressing as Expected
Lord Fairfax Community College	Chris Boies	Funds are set aside for this purpose.	Implementation Completed
Mountain Empire Community College	Donna Shelton	\$1,500 available for PD related to environmental sustainability.	Implementation Completed
New River Community College	Kathy Ridpath - Administrative Specialist President's Office	College provides limited professional development funding to faculty.	Implementation Progressing as Expected
Northern Virginia Community College	Robert Johnson	With the addition of NOVA's Sustainability Officer (Oct 2012), we have a single point of contact for internal requests for professional development opportunities in sustainable development and someone to provide that training. Current initiatives are to incorporate sustainability discussions into orientation sessions for new students, staff and faculty and provide information about sustainability at on-going trainings and internal professional development opportunities.	Implementation Progressing with Challenges
Patrick Henry Community College	Jack Hanbury		Implementation Progressing as Expected
Paul D. Camp Community College	Joe Edenfield		Implementation Progressing as Expected
Piedmont Virginia Community College	Stephen Parker	PVCC provides professional development opportunities for faculty interested in revising courses to include sustainability components	Implementation Progressing as Expected
Rappahannock Community College	Tom Martin		No Report Yet











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College:	Submitted By:	2) Provide annual funding specifically for professional development opportunities in sustainability. (p. 7)	Progress Status:
Southside Virginia Community College	Peter Hunt		Implementation ● Progressing as Expected
Southwest Virginia Community College	Dr. J. Mark Estep	SWCC has provided professional development funds to train 4 instructors to teach the "Your Role in the Green Environment", NCCER course.	Implementation ● Progressing with Challenges
Thomas Nelson Community College	Charles A. Nurnberger	Funds were approved in the FY 2013 budget for professional development, and faculty are encouraged to seek opportunities for professional development, including sustainability. The Environmental Sustainability Committee partnered with TNCC's Classified Support Staff Association (CSSA) to host information sessions on environmental issues and recycling efforts on campus during CSSA's Professional Development Day held March 6th.	Implementation ● Progressing as Expected
Tidewater Community College	Frank Dunn	Faculty continue to participate in various conferences and related activities such as the ASSHE national conference and the Sustainability conference at VMI.	● Implementation Completed
Virginia Highlands Community College	Christine Fields	VHCC has limited professional development funds. However, faculty members attended Green & Sustainability Conferences in 2013.	● Progressing as Expected
Virginia Western Community College	Cheryl C. Miller, Vice President of Finance	The college allocates \$109,000 in its annual budget in support of professional development opportunities for its faculty and staff. This funding covers a wide range of training opportunities including those in sustainability and sustainability related topics.	● Implementation Completed
Wytheville Community College	Crystal Cregger	Professional development funds are designated for each college department and several faculty and staff members attended sustainability related professional development events in 2013.	● Implementation Completed

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College:	Submitted By:	3) Identify gaps between existing college programs and industry needs and develop programs and scholarships to bridge these gaps. (p. 7)	Progress Status:
Blue Ridge Community College	Dr. John A Downey	Credit and non-credit workforce courses are developed routinely based on industry and advisory board feedback. Faculty members also imbed sustainability content into existing coursework as appropriate. The Environmental Learning Community faculty members also provide sustainability concepts in general education transfer course content.	● Implementation Completed
Central Virginia Community College	John Poole	CVCC continues to lead the way with its Weatherization program. The CVCC Weatherization program was funded by the Department of Energy through the Virginia Department of Housing and Community Development. The Residential Energy Management Program provides training in the following areas: Weatherization for low-income homes, Home performance contracting, Code enforcement, Green Building, Commercial/Facility energy auditing	● Implementation Progressing as Expected
Dabney S. Lancaster Community College	Richard Teaff	Did so in Alternative energy program	● Implementation Progressing as Expected
Danville Community College	Jerry Franklin	Developed one new course ENE 105 - Intro to Solar Thermal to complete the courses for a Career Studies Certificate in Alternative Energy Technologies. Certificate was created to meet needs of US Green Energy Co. and Lifebatt Co., two local alternative energy-related companies who pledged to hire graduates of the Certificate program. Certificate received SACS approval Feb. 2013.	● Implementation Completed
Eastern Shore Community College	Eve Belote	ESCC's service area does not have a significant "green industry". We continue to stay abreast of possible vendors establishing companies on the Eastern Shore, such as solar and wind.	● Implementation Progressing as Expected
Germana Community College	Pam Shifflett	The Center for Workforce and Community Education works closely business representatives and economic developers to identify skill gaps and meet the needs of current and emerging business. Each April a business advisory forum meets to identify course, certifications, and workshop needs. Over 100 economic development, chamber, and business representatives attend. Follow-up meetings are held, as needed, throughout the region. Green initiatives are identified and courses mounted based on "just-in-time" need. Currently, local need centers on government-driven skills and certification requirements, predominantly in the construction sector. Most recently businesses have requested Basic Contractor's Business Licensing Classes, Ground Source Heat Pump Basics, and Green Building courses, including Managing Energy (for facility managers and operators) and Strategic Energy Management (for supervisors and executives). Additionally, we partner with several on-line services that offer a wide variety of green related courses available to our region. Our partnership continues with the National Wildlife Fund and Jobs for the Future, as we continue to explore grant opportunities and participate in webinars and conferences designed to support the growth of regional green-force initiatives.	● Implementation Progressing as Expected

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College:	Submitted By:	3) Identify gaps between existing college programs and industry needs and develop programs and scholarships to bridge these gaps. (p. 7)	Progress Status:
J. Sargeant Reynolds Community College	Amy Bradshaw	No grants have been received in this area.	 No Report Yet
John Tyler Community College	Greg Dunaway, Director of Facilities	John Tyler's Department of Engineering, Business, and Public Services regularly hosts a Business Advisory Committee gathering, to discuss partnerships and industry needs with local business leaders. Through this regularly held meeting with College Deans, Faculty, Staff, and local business leaders, the Committee discusses and identifies current/future industry needs and then adjusts coursework in an attempt to fill the gaps and ensure that the College's students are well prepared to enter the local workforce.	 Implementation Progressing as Expected
Lord Fairfax Community College	Chris Boies	Grant funding has been received for this type of training. The Office of Workforce Solutions and Continuing Education continue to build programs in green construction, green energy, and environmental certifications. During the Fall of 2012, coursework was delivered in industrial green maintenance and green & sustainable HVAC practices. This Spring we offered a series of Environmental classes in Basic Erosion & Sediment control, Lead Safe Training as endorsed by the EPA, and Chloro-Flouro-Carbon Prep and Certification endorsed through the EPA. This summer, we are doing a Lunch and Learn Series on energy Management that features ways to reduce energy costs for schools, universities, government agencies and health care providers.	 Implementation Completed
Mountain Empire Community College	Donna Shelton	MECC received grants to fund solar and wind projects and to assist in developing an alternative energy curriculum.	 Implementation Progressing as Expected
New River Community College	Kathy Ridpath - Administrative Specialist President's Office		 Implementation Progressing as Expected
Northern Virginia Community College	Robert Johnson	Workforce Development has incorporated some green jobs' training into their curriculum, largely centered around equipment maintenance and efficient operations and weatherization. With the addition of NOVA's Sustainability Officer (Oct 2012) we expect this to expand to include renewable energy offerings or partnerships, environmentally friendly construction principles and practices, and active engagement with local, green-minded employers to integrate hands-on experience across the workforce training curriculum.	 Implementation Progressing with Challenges
Patrick Henry Community College	Jack Hanbury		 Implementation Progressing as Expected
Paul D. Camp Community College	Joe Edenfield		 Implementation Progressing with Challenges

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<b>3) Identify gaps between existing college programs and industry needs and develop programs and scholarships to bridge these gaps. (p. 7)</b>			
<b>College:</b>	<b>Submitted By:</b>		<b>Progress Status:</b>
Piedmont Virginia Community College	Stephen Parker	PVCC participates in a weatherization training grant funded by the Department of Labor. PVCC does not currently offer programs related to the gaps. We do have an Environmental Club and an organic garden at PVCC, but these are not programs per se.	Implementation ● Progressing as Expected
Rappahannock Community College	Tom Martin		● Implementation Completed
Southside Virginia Community College	Peter Hunt	Have not identified any gaps at this time. Our agribusiness instructor has been visiting farms in the area.	● Progressing with Challenges
Southwest Virginia Community College	Dr. J. Mark Estep	The Business, Engineering & Industrial Technology division is working on a course design and program enhancement to better incorporate the green jobs grant objectives and to secure additional funds.	● Progressing as Expected
Thomas Nelson Community College	Charles A. Nurnberger	TNCC WD continues its partnership with the Hampton Roads-based Green Jobs Alliance (GJA) to establish a Weatherization Training Center (WTC), with 196 completed enrollments in certification classes. In 24 months, the program enrolled 265 individuals	● Progressing as Expected
Tidewater Community College	Frank Dunn	TCC has state-of-the art simulators for solar, wind, and geothermal energy generation. Each semester students are provided the opportunity to install a solar array and a wind turbine. Also, the college offers a new Virtualization certificate program and a Cloud Computing program.	● Progressing as Expected
Virginia Highlands Community College	Christine Fields	VHCC completed the Solar Power COffee Shop in Spring 2013. Funding provided by DMME allowed the installation of Solar Panel and Wind Mills on campus that will help provide power to the Coffee Shop.	● Implementation Completed
Virginia Western Community College	Cheryl C. Miller, Vice President of Finance	The college applied for one (1) sustainability grant through DMME in the past two years and continues to look for grant opportunities in order to better match college programs with industry needs and bridge any gaps identified.	● Progressing as Expected
Wytheville Community College	Crystal Cregger	WCC participated in CREATES grant to launch the college's solar energy program. WDS and Institutional Advancement continue to work to identify future grant opportunities.	● Implementation Completed

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College:	Submitted By:	4) Conform to LEED silver or Green Globes two-globe standards (consistent with the requirements included in Executive Order 82). (p. 9, 12)	Progress Status:
Blue Ridge Community College	Dr. John A Downey	The BRCC approved Master Plan, completed in 2011, contains several sustainability features, including exclusive access to the central part of the campus by public transportation and the future construction of a parking structure. The Advanced Technology Center completed in fall 2012 was awarded the LEED Gold standard. The Student Fitness and Recreation Center currently under construction was designed to meet the LEED Gold standard as well. Finally, the Student Administration and Classroom Building, now in design phase, will be designed to achieve Green Globes two-globe standard.	● Implementation Completed
Central Virginia Community College	John Poole	The new CVCC Master Plan includes green space preservation, including nature trails; low impact storm water management, as well as alternative energy sources. Construction will start on bike and pedestrian connections this summer. CVCC has a bus pass program that encourages the use of mass transportation. We are currently developing a design and construction standards manual that will include sustainability features. This manual will be complete before the start of the Fall 2013 semester. All capital outlay projects include green features.	● Implementation Progressing as Expected
Dabney S. Lancaster Community College	Richard Teaff	Warren Hall working on LEED	● Implementation Progressing as Expected
Danville Community College	Jerry Franklin	<ul style="list-style-type: none"> <li>* Have continued to maintain and improve campus green spaces. Additional plantings were added adjacent to buildings in worn areas and grass was sown in other areas to improve runoff control. No fertilizer used on campus. No watering on campus.</li> <li>* Resubmitted MS4 program to DCR with improved maintenance plan and campus map showing inlets and outfalls for accurate inspections. Ran PSA's on clean water and recycling. Participated in MS4 audit with VCCS.</li> <li>* New Technology Building construction specs will require LEED Silver design. We are about to advertise for an architect on this project.</li> </ul>	● Implementation Progressing as Expected
Eastern Shore Community College	Eve Belote	ESCC is in the process of determining whether we will construct a new academic building. If we do, the building will have sustainability features incorporated. In addition, the campus master plan may be updated in conjunction with any new construction.	● Implementation Progressing as Expected
Germanna Community College	Pam Shifflett	The college's Science and Engineering Building/Information Commons received official certification of LEEDS Silver status and won recognition for lighting design from the Illumination Engineering Society of North America. The college is also nearing completion of a master plan update for its Fredericksburg Area Campus which will incorporate sustainability features into the design and maintenance of all future buildings and landscaping for the campus.	● Implementation Progressing as Expected





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College:	Submitted By:	4) Conform to LEED silver or Green Globes two-globe standards (consistent with the requirements included in Executive Order 82). (p. 9, 12)	Progress Status:
J. Sargeant Reynolds Community College	Amy Bradshaw	4. The college continues to explore future implementation of the following items; (a) establishment of written design and construction standards that incorporate sustainability features into the development and operation of college facilities, (b) research to determine feasibility of energy efficient building HVAC systems that incorporate geothermal and energy recovery from exhaust air and water heating systems, (c) determine funding sources (i.e. maintenance reserve, grants) to focus on building envelope quality and insulation to reduce air leakage and energy loss and high efficiency glazing to decrease solar gain through windows and doors, (d) evaluation of potential on-site alternative energy sources, (e) research into innovative waste water technologies to reduce potable water use by capturing rainwater, (f) specification for use of building materials and finishes made from rapidly renewable materials and/or plants, and (g) specification for use of local and/or regional building materials to reduce transportation and delivery costs and associated pollution.	● Implementation Completed
John Tyler Community College	Greg Dunaway, Director of Facilities	John Tyler Community College has been proceeding with the design of a new 70,000 square foot academic building and 350 space parking garage for the College's Midlothian Campus. Schematic Design has received approval from the College's Local Board, VCCS State Board, AARB, and BCOM. These two projects will be constructed to fully comply with the Virginia Environmental and Energy Conservation Standards (VEES). Current/future small construction standards include LEED silver level steps such as low energy lighting, low VOC products/material, expansion of green housekeeping plan, IPM program, and the usage of recycled materials in construction. John Tyler completed an update to its Chester Campus Master Plan in late 2011. Incorporated into the Master Plan was a section dedicated to current and future sustainability efforts College-wide. These efforts include low and zero energy lighting techniques and technology, usage of low VOC products in construction and housekeeping, low impact storm water BMPS, IPM program, recycling and waste removal, energy efficient building systems, sustainable purchasing, and alternative commuting transportation. The Master Plan for both campuses also calls for the introduction of parking decks with college expansion to reduce permeable surface impact.	● Implementation Completed
Lord Fairfax Community College	Chris Boies	The recent update to the campus master plans incorporates many of the design features mentioned. No new state construction projects are currently underway.	● Implementation Progressing as Expected
Mountain Empire Community College	Donna Shelton	MECC does not have personnel to develop written design and construction standards. We work with design engineers to incorporate as many of the requirements as practical. Our rural location creates challenges for bike and pedestrian connections and mass transportation.	● Implementation Progressing with Challenges

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4) Conform to LEED silver or Green Globes two-globe standards (consistent with the requirements included in Executive Order 82). (p. 9, 12)			
College:	Submitted By:		Progress Status:
New River Community College	Kathy Ridpath - Administrative Specialist President's Office	College focuses on sustainability features for its operations (HVAC controls, lighting, etc.)College has developed a strategic plan to convert sidewalk lighting to LED lighting. Campus wind turbines and solar panels provide 10 percent of electricity for Edwards Hall.	Implementation ● Progressing as Expected
Northern Virginia Community College	Robert Johnson	Per Virginia Executive Order 82, all capital projects are designed and constructed to LEED Silver standards. Campus master plans include sustainability features - eg, low impact design, storm water reduction BMPs, mass transportation accommodations. NOVA received its first LEED award in Nov 2012 and two buildings are in the process of being LEED certified. With the addition of NOVA's Sustainability Officer, we expect to add more sustainability components in building designs and master plans.	Implementation ● Progressing as Expected
Patrick Henry Community College	Jack Hanbury	All current renovation projects are being designed with "green" features in mind.	Implementation ● Progressing as Expected
Paul D. Camp Community College	Joe Edenfield		Implementation ● Progressing as Expected
Piedmont Virginia Community College	Stephen Parker	PVCC has established storm water management BMP's as part of the MS4 permitting process. In addition, the college operates a Class 3 certified dam which meets the requirements of the DCR. The college Horticulture Club operates a successful organic garden funded using local funds. The garden serves as a practical learning platform for environmentally sound horticulture. The college has contracted with a landscape designer to enhance green spaces and continues to work on including plantings and environmentally friendly ground cover.	Implementation ● Progressing as Expected
Rappahannock Community College	Tom Martin		Implementation ● Progressing as Expected
Southside Virginia Community College	Peter Hunt		Implementation ● Progressing with Challenges
Southwest Virginia Community College	Dr. J. Mark Estep	GIS technology has been developed by students and faculty in the IST program to assist with easy navigation of the campus.	Implementation ● Progressing as Expected
Thomas Nelson Community College	Charles A. Nurnberger	TNCC and VCCS Capital Outlay engaged a consultant to evaluate renovation vs. new construction involving Harrison/Diggs/Moore Halls. The report was completed in December 2012, with the recommendation for new construction vs. renovation. This new construction will conform to LEED silver or Green Globes two-globe standards. Renovations to and the awarding of the LEED Silver recognition for the Hampton III building was recognized in the American School & University magazine's August 2012 issue.	Implementation ● Progressing as Expected

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College:	Submitted By:	4) Conform to LEED silver or Green Globes two-globe standards (consistent with the requirements included in Executive Order 82). (p. 9, 12)	Progress Status:
Tidewater Community College	Frank Dunn	All TCC capital projects are designed to LEED silver standards or better. The campus master plan for the Portsmouth Campus incorporates all the items named above. The master plans for the Chesapeake and Virginia Beach campuses have been updated this year and address the items identified above. As an urban site, the Norfolk Campus incorporates the items named above to the extent feasible.	 Implementation Progressing as Expected
Virginia Highlands Community College	Christine Fields	We currently have no capital projects to be constructed but will implement these strategies on future projects.	 Implementation Progressing as Expected
Virginia Western Community College	Cheryl C. Miller, Vice President of Finance	The college recently completed construction of a new LEED Silver eligible building on campus, the new Science and Health Professions building that will open for the Fall 2013 semester. The building contains a green roof and two (2) rain gardens, one in the courtyard plaza and the other along Colonial Avenue near the Dental Hygiene program entrance.	 Implementation Progressing as Expected
Wytheville Community College	Crystal Cregger	Sustainability features and standards are incorporated into campus plans and specifications for construction/renovation projects.	 Implementation Completed



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College:	Submitted By:	5) Develop a program for ensuring a healthy learning and work environment. (p. 11)	Progress Status:
Blue Ridge Community College	Dr. John A Downey	The BRCC values statement includes wording that promotes "providing an attractive, accessible, and functional environment for learning and working." Therefore, the college finance and facilities committee has a process for members of the college community to suggest ways to improve learning and work environments on campus. Recently, the college established "The CAVE", the Center for Academic Vision and Excellence. The Center is conceived as a place students and faculty can interact in a relaxed academic atmosphere. The opening of the Center is proving to enjoy an exceptionally positive reaction on campus. The Student Fitness and Recreation Center currently under construction will provide students and employees with an outstanding opportunity to achieve healthy and fit lifestyles.	 Implementation Completed
Central Virginia Community College	John Poole	CVCC meets or exceeds air quality standards for all buildings and provides quality preventative maintenance to ensure that the environment within the buildings sustains a healthy learning and working environment. The Facilities and Finance and Sustainability committee has been assigned sustainability oversight.	 Implementation Completed
Dabney S. Lancaster Community College	Richard Teaff	Campus workout room established for students and staff. Active common health program	 Progressing as Expected








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College:	Submitted By:	5) Develop a program for ensuring a healthy learning and work environment. (p. 11)	Progress Status:
Danville Community College	Jerry Franklin	<p>DCC has a very active health improvement program. Following are some of notices and announcements made during the past year relating to health-improvement opportunities offered by the college:</p> <p>1) The annual on-site Flu Vaccine Clinic will be held Tuesday, October 30, 2012 in Foundation Hall. The cost of the vaccine will be covered by our Anthem COVA Care policy for all full-time employees and their covered dependents age 18 and over.</p> <p>2) Health Awareness Tuesday, February 14th, 10:00 a.- 1:00 p.m., DCC Student Center Time to Get Fit and Get Active" Community Healthcare Representatives Table Displays: Danville Alzheimer's Association w/Jane Massie, Volunteer Outreach Manager SA's Club Representative w/Mr. Wiley pharmaceutical and medical information; Danville Parks and Recreation Check Point Teams - conduct body mass, body fat, and blood pressure check, Danville/Pittsylvania County Sickle-Cell Anemia (SCA) Organization w/Jackie Harrell free sickle-cell anemia testing and consultation; Faces of Our Children Inc., Elaine Campbell, Sickle Cell Awareness DCC Commonwealth of Virginia Health Awareness Information DCC Bookstore Feminine Products, Drawings and Door Prizes Stratford Rehabilitation Center, Angela Harris, Door Prize, Danville Family YMCA Fitness and Membership Information 10:1-10:30 a.m. - Special Appearance by the GW Select Ensemble Singing Valentines Physical Activities in DCC Student Center 10:15a.-10:30a.m. Informational Session w/Jackie Harrell, Sickle-cell Anemia Association; 10:30a.m. -11:00a.m. " Physical Fitness w/Teresa Craig. Learn the proper techniques using Swiss Stability Balls; 11:00a.- 11:30a.m. âZUMBA! w/Stephanie Ferrugia or Hoola Hoop throughout the session; 11:30a.m. - 12:00p.m. Informational Session Physical Activity and Portion Distortion by Dr. Lynn Dillon; 12:00p.m-12:45p.m. â€Healthy Heart Walk lead by Dr. Lynn Dillon âGear up for walking throughout DCC Campus--- follow the Red Hearts!</p> <p>3) PAMA Community Health Fair - Saturday, Oct 20, 2012 8:00a to 2:00p DCC Foundation Hall Danville, VAF; Screening tests for the major chronic diseases in our community are offered FREE of Charge: heart, diabetes, leg circulation, pulmonary, breast health, eye and dental exams and Flu shots. Pre- registration is recommended to take advantage of all services.</p> <p>4) DCC Weight Watchers at Work will start a new thirteen-week session beginning on Tuesday, October 16, 2012 at 12:00 noon in Wyatt 11 Weight Watchers at Work welcomes DCC employees to attend an informational meeting on Tuesday, January 22, 2013 at 12:00 noon in Wyatt 113</p> <p>5) Various Bloodmobile visits sponsored by clubs and coordinated with Health Awareness Day</p> <p>6) Estelle H. Womack Wellness Center has open hours each semester for students, faculty and staff to work out</p>	<p>● Implementation Completed</p>
Eastern Shore Community College	Eve Belote	<p>ESCC has joined CommonHealth and regular updates are sent to employees regarding programs and services. We have also switched food vending companies and have many more healthy options for employees and students.</p>	<p>● Implementation Progressing as Expected</p>

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College:	Submitted By:	5) Develop a program for ensuring a healthy learning and work environment. (p. 11)	Progress Status:
Germana Community College	Pam Shifflett	The college became a member of the US Green Buildings Council during the past year. In addition, the Human Resources Department has developed a number of programs over the last year that support a healthy work environment, such as: Promoted and formed "walking groups" to encourage employee group physical activities at lunch time (participants received a free pedometer); Provided a discounted weight loss program through Weight Watchers; Health awareness presentations are provided quarterly as well as at both of the college's Learning Day events; Health Awareness Newsletter distributed electronically on a weekly basis to all employees; and an on-campus flu shot clinic provided to all employees.	Implementation ● Progressing as Expected
J. Sargeant Reynolds Community College	Amy Bradshaw	The college continues to focus on its facilities to ensure a healthy learning and work environment. A recycling program was implemented, new buildings were equipped with occupancy sensors to reduce energy consumption, energy conservation contracts were expanded, green cleaning products were used and smoking areas were designation.	Implementation ● Progressing as Expected
John Tyler Community College	Greg Dunaway, Director of Facilities	John Tyler Facilities has embraced numerous methods to assist in creating and maintaining a healthy learning and work environments. These methods include the usage of low-VOC materials and products to reduce off-gassing; an established hazardous material contract to safely handle and remove waste from science labs; the introduction of LED lighting technology to reduce reliance of mercury based lighting systems; periodic reviews and updating of smoking policies, which limit and police smoking near building entrances.	Implementation ● Progressing as Expected
Lord Fairfax Community College	Chris Boies	The College is starting a wellness committee that will focus on health and wellness issues for employees and will include various events and contests throughout the year.	Implementation ● Progressing as Expected
Mountain Empire Community College	Donna Shelton	Facilities staff have implemented use of effective "green" cleaning products and sustainable landscaping methods where practical.	Implementation ● Progressing as Expected
New River Community College	Kathy Ridpath - Administrative Specialist President's Office	College advocates CommonHealth and other programs for healthy lifestyles. The College Beautification Committee promotes the aesthetically pleasing and healthy work environment.	Implementation ● Progressing as Expected
Northern Virginia Community College	Robert Johnson	All new buildings are built to LEED Silver standards. Equipment is replaced with higher efficiency equipment. Through the monitoring and automation software, we actively evaluate equipment alignment and efficiency to address load conditions and operate the equipment as efficiently as possible. We continue to implement CFL and LED lighting. We have an energy performance contract and are investigating alternatives to our existing contract to improve energy efficiency and equipment operational availability. By contract, we are single-stream recycling at all campuses and are planning an awareness campaign to improve our recycling rate.	Implementation ● Progressing with Challenges

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College:	Submitted By:	5) Develop a program for ensuring a healthy learning and work environment. (p. 11)	Progress Status:
Patrick Henry Community College	Jack Hanbury	Not an adopted goal.	 No Report Yet
Paul D. Camp Community College	Joe Edenfield		 Implementation Progressing as Expected
Piedmont Virginia Community College	Stephen Parker	The college offers flu shots every year, has an active recycling program, offers healthy choices in vending and cafe selections, and restricts smoking to designated locations only.	 Implementation Completed
Rappahannock Community College	Tom Martin		 Implementation Progressing as Expected
Southside Virginia Community College	Peter Hunt		 Implementation Completed
Southwest Virginia Community College	Dr. J. Mark Estep	A walking trail is being developed which will be utilized by staff, students, faculty and community.	 Implementation Progressing as Expected
Thomas Nelson Community College	Charles A. Nurnberger	Ensuring a healthy learning and work environment is the responsibility of all departments. - The hazard waste management program continues to ensure the removal of all hazardous waste, with special emphasis on the Nursing, Dental and Automotive programs. The Nursing and Dental programs require disposal of bio-hazards, while the Automotive program needs to recycle/dispose of fluids. - TNCC continues utilizing the print management program ESI, which has installed multi-functional networked printers which has been very successful to conserve equipment, paper and energy. - TNCC's Physical Education continues to expand its program. Tennis is now offered on-campus, and golf is being offered during the 8-Week-2 session. Additional cardio-vascular programs are being offered as well; between 15 and 20 people use this equipment each day. Classes in yoga, pilates and self-defense are now included. A massage chair was purchased to help staff and students manage stress, averaging 3-5 users daily. - TNCC employees received workshops in March and October from CommonHealth presenters on diabetes prevention and promoting healthy eating. In 2012 CommonHealth sponsored their annual Lighten Up Weight Loss Challenge; this was open to all state employees. During March 2013, a "Growing Younger Program" was included in the College's Professional Development Day; approximately 60 employees participated. On average, 35 employees participate in the annual weight loss and walking challenges. - The Environmental Sustainability Task Force teamed with TNCC's Student Government Association (SGA) in their annual Spring Fest/Earth Day activities to promote the recycling of cell phones, laptops, and desktop computers, by using a local vendor authorized for the proper disposal of these items. - TNCC encourages the use of video and telephone conferencing, WebEx and webinar meetings.	 Implementation Progressing as Expected

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College:	Submitted By:	5) Develop a program for ensuring a healthy learning and work environment. (p. 11)	Progress Status:
Tidewater Community College	Frank Dunn	TCC actively participates in Virginia's CommonHealth program. Additionally, policies on water and energy conservation have been in place since 2010.	● Implementation ● Progressing as Expected
Virginia Highlands Community College	Christine Fields	VHCC actively participates in Virginia's CommonHealth program. VHCC has also installed energy efficient bathroom fixtures and office and classroom lighting upgrades.	● Implementation ● Progressing as Expected
Virginia Western Community College	Cheryl C. Miller, Vice President of Finance	The Human Resources department continues to offer programs through Commonhealth, including an annual health assessment fair. This program was held a few months ago and was well attended to employees.	● Implementation ● Progressing as Expected
Wytheville Community College	Crystal Cregger	Commonhealth updates are distributed regularly to employees. Multiple departments participated in a weight loss team challenge. Multiple college employees participated in a 5K marathon for charity. Facilities have been updated to improve classroom and office lighting.	● Implementation ● Completed

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College:	Submitted By:	6) Establish an effective Preventative Maintenance Program for building HVAC, electrical, and other equipment to optimize levels of energy efficiency. (p.11)	Progress Status:
Blue Ridge Community College	Dr. John A Downey	The college recently updated the Preventative Maintenance System to a SchoolDude PM system. HVAC system requests have been included in the implementation of the new system. The College continues to receive detailed information about energy savings achieved since implementing an efficient HVAC system on campus several years ago.	● Implementation Completed
Central Virginia Community College	John Poole	The CVCC preventative maintenance manual is current and provides guidelines for all preventative maintenance actions.	● Implementation Completed
Dabney S. Lancaster Community College	Richard Teaff		● Progressing with Challenges
Danville Community College	Jerry Franklin	DCC Maintenance has a PM contract for all HVAC equipment. Maintenance hired a full-time electrician who has responsibility for upkeep on all electrical equipment. We have started limited installations of LED lighting, mostly in exit signs and other always-on signage. Have purchased SchoolDude preventive maintenance program (PMDirect) to document and standardize routine maintenance activities at the college.	● Progressing as Expected
Eastern Shore Community College	Eve Belote	The age of ESCC's main building and related systems presents challenges to a maintenance program. However, facilities staff regularly monitors these systems. In addition, lighting continues to be replaced with more energy efficient options.	● Progressing as Expected
Germanna Community College	Pam Shifflett	The college has a preventive maintenance program loaded into its web based license of MaintStar enterprise asset and maintenance management software. Through its own efforts and an energy performance contract with Schneider Electric, the college has reduced energy consumption and costs by approximately 30% over the past decade.	● Implementation Completed
J. Sargeant Reynolds Community College	Amy Bradshaw	6. Establishment of an effective Preventive Maintenance Program for building HVAC, electrical, plumbing and life safety systems has been completed and implemented. Preventive maintenance tasks including frequency and scope of work to be performed for each piece of equipment have been uploaded into a work order database with information based on the equipment manufacturer's recommendation. The work order database automatically notifies the maintenance technician in advance of the required preventive maintenance task.	● Implementation Completed

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College:	Submitted By:	6) Establish an effective Preventative Maintenance Program for building HVAC, electrical, and other equipment to optimize levels of energy efficiency. (p.11)	Progress Status:
John Tyler Community College	Greg Dunaway, Director of Facilities	John Tyler Facilities embraces the concept of utilizing preventative maintenance to extend the life of equipment and optimizing energy consumption. The college utilizes a performance contract for monitoring and improving energy consumption. The college is currently in the process of a thorough on-site review of the operation of all energy management/BAS systems tied to HVAC equipment to ensure optimal performance. The Facilities Department has initiated a project in mid-2013 to survey Moyer Hall's HVAC system, to identify HVAC system issues and put in place corrective measures to improve building comfort and energy usage. The College's Facilities Department will complete implementation and roll-out of a web-based computerized maintenance management system in the summer of 2013. This system will assist with improving the current PM program. This new program will ensure PM tasks are identified, tracked, and completed in a timely manner.	Implementation Progressing as Expected
Lord Fairfax Community College	Chris Boies	A system is in place and we continue to look for ways to improve and expand the existing system capabilities.	Implementation Completed
Mountain Empire Community College	Donna Shelton	MECC has had an effective PM program in place for several years before the environmental sustainability initiative became an issue.	Implementation Progressing as Expected
New River Community College	Kathy Ridpath - Administrative Specialist President's Office	College places a high priority on strategic funding for preventive maintenance.	Implementation Progressing as Expected
Northern Virginia Community College	Robert Johnson	NOVA has implemented the TMA computerized preventative maintenance system used by all six campuses for both preventative and unscheduled maintenance. This system is web-based, allowing college staff to enter maintenance requests as needed. NOVA is also investigating the possibility of implementing more system monitoring and efficiency measures.	Implementation Completed
Patrick Henry Community College	Jack Hanbury	SchoolDude workorder system used as a preventive maintenance program. Schneider Electric is on retainer for electrical.	Implementation Completed
Paul D. Camp Community College	Joe Edenfield		Implementation Progressing as Expected

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College:	Submitted By:	6) Establish an effective Preventative Maintenance Program for building HVAC, electrical, and other equipment to optimize levels of energy efficiency. (p.11)	Progress Status:
Piedmont Virginia Community College	Stephen Parker	The college is ending its contract with Schneider Electric and is contracting with Siemens Controls to assist with energy management services. The majority of HVAC units have been replaced in the main building, but more will need to be replaced in other buildings. Currently, data on the HVAC systems is being gathered and placed in the appropriate and usable format. Equipment currently is being added to allow the Facilities department to monitor energy usage which will establish a baseline to be utilized as a component in the evaluation of the preventive maintenance program. The P.M. program will be established and set up by the Facilities department. The CMMS system (SchoolDude) will be utilized for the scheduling of all preventative maintenance work under the program.	Implementation Progressing as Expected
Rappahannock Community College	Tom Martin		Implementation Completed
Southside Virginia Community College	Peter Hunt		Implementation Completed
Southwest Virginia Community College	Dr. J. Mark Estep	Recent renovation of Russell Hall incorporated flooring from recycled materials which is eco-friendly. Plumbing with automatic sensors was included.	Implementation Completed
Thomas Nelson Community College	Charles A. Nurnberger	TNCC has completed automating preventive maintenance (PM) tasks into a software program which generates a work order and assigns it to the appropriate staff function. TNCC is committed to following the State Energy Standards for heating and cooling temperatures. - TNCC continues in its commitment to preserving green space and the natural environment by planting drought resistant plants, shrubs and trees.	Implementation Progressing as Expected
Tidewater Community College	Frank Dunn	TCC has an effective Preventive Maintenance Program in place for its building systems.	Implementation Completed
Virginia Highlands Community College	Christine Fields	VHCC has a contract with an HVAC firm that works closely with VHCC Buildings and Grounds staff to optimize energy efficiency across campus.	Implementation Progressing as Expected
Virginia Western Community College	Cheryl C. Miller, Vice President of Finance	During the past year, the college completed several projects that resulted in greater energy efficiency. These consisted of: 1. An ADA door replacement project that provided weather proofing for all the exterior doors. The new doors had added side panels that improved visibility and brought in additional light. Through this project, the entire door jambs were replaced leading to greater energy efficiency. 2. 32 watt, 4 foot flourescent bulbs in use across most of the campus were replaced with 24 watt bulbs. The new wattage bulbs produced as much light as the others, but used less electrical power. 3. In the college's library renovation, the VAV boxes were upgraded to digital and the air handler was replaced making the mechanicals in this building more efficient. 5. The lights in several parking lots were upgraded to LED, including replacing the lights on the Whitman Pedestrian Walkway to make them more energy efficient.	Implementation Progressing as Expected



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College:	Submitted By:	6) Establish an effective Preventative Maintenance Program for building HVAC, electrical, and other equipment to optimize levels of energy efficiency. (p.11)	Progress Status:
Wytheville Community College	Crystal Cregger	WCC utilizes multiple equipment preventative maintenance contracts to optimize energy efficiency.	● Implementation Completed

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College:	Submitted By:	7) Establish a variety of transportation and parking options and incentives to reduce fuel consumption and carbon emissions. (p.13)	Progress Status:
Blue Ridge Community College	Dr. John A Downey	BRCC has established a "free" shuttle for students, faculty, and staff. BRCC riders do not have to pay the public fare rate to ride this shuttle service between the college and the regional cities. Services are funded primarily through Student Activity Fees. Students and employees use the system extensively. The college also purchased the services of Zimride, a web-based, social networking, ride-share system. The system will facilitate the matching of students needing rides with those having rides available. This system was implemented in the fall 2012 semester.	● Implementation Completed
Central Virginia Community College	John Poole	The Greater Lynchburg Transit Authority provides mass transit for the area with regularly scheduled bus service on campus. CVCC provides bus passes to encourage the use of the mass transportation system. These passes provide discount transportation to those in need.	● Implementation Progressing as Expected
Dabney S. Lancaster Community College	Richard Teaff	Established bus transportation for students at campus and Rockbridge center. Set up campus bike racks	● Implementation Progressing as Expected
Danville Community College	Jerry Franklin	Continuing to encourage car pooling, bus transportation and distance learning classes. Ran a experiment with our Security contractor, New Horizons Security, on using e bikes in place of regular bikes or foot patrols. Results were very favorable to e bikes due to more cycles of security rounds per shift resulting in better coverage, quicker response times, especially across campus, and the fact that more security employees are able to use e bikes versus manual bikes, due to lack of top level fitness.	● Implementation Completed
Eastern Shore Community College	Eve Belote	A bus shelter has been erected to encourage use of the free bus transportation offered to students.ESCC has increased its use of video and audio conferencing to reduce car travel. Improved food vending also helps reduce the need for students to travel.	● Implementation Progressing as Expected
Germanna Community College	Pam Shifflett	The college has designated fuel efficient parking spaces within the parking garage. The college has installed bicycle racks to encourage students to use more fuel efficient methods of traveling to campus for class. The college also sponsors a municipal bus system that has stops at its Fredericksburg campus, as well as to local businesses. The bus routes for transportation to and from the college are posted on AXIS television screens. Germanna students are able to access the bus and travel for no cost to the student to encourage participation.	● Implementation Progressing with Challenges
J. Sargeant Reynolds Community College	Amy Bradshaw	7. Continue to explore the installation of electric charging stations and the purchase of an electric vehicle. The college collaborated with VCU to allow our faculty and students the use of the VCU shuttle for a specific route. The college was able to expand its service between campuses which helps to reduce vehicle emissions.	● Implementation Progressing as Expected





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College:	Submitted By:	7) Establish a variety of transportation and parking options and incentives to reduce fuel consumption and carbon emissions. (p.13)	Progress Status:
John Tyler Community College	Greg Dunaway, Director of Facilities	To encourage the use of more environmentally friendly modes of transportation, the College has dedicated parking spaces near Hamel at the Midlothian Campus, for those who drive fuel-efficient and low-emissions vehicles. Spaces are also set aside for those who carpool. Carpool and low emission vehicle spaces are slated to be introduced in the College's 350 space Midlothian Campus parking garage, which is slated to be completed in early 2015. The College's Sustainability Committee is also investigating the possibility of a College shuttle service between Campuses. Bike racks have been installed college-wide to encourage commuters to use alternate forms of transportation. On the Midlothian Campus, bicycle commuters can use the showers in the first floor restrooms to clean up and change after arriving on campus.	● Implementation Completed
Lord Fairfax Community College	Chris Boies	While mass transit is not an option in our area, our student life house does encourage student ride sharing and provides space on a board for students to leave their information. Further, we have had preliminary discussions with the local planning district about a formal rideshare program. We have also installed our first station for an electric car to recharge.	● Implementation Progressing as Expected
Mountain Empire Community College	Donna Shelton	Our rural location and limited alternative transportation options are a challenge. DMME has discussed a potential alternative energy program for Southwest Virginia. MECC has provided preliminary support for the program that expects to encourage conversion of gasoline engines to natural gas for passenger and service vehicles.	● Implementation Progressing with Challenges
New River Community College	Kathy Ridpath - Administrative Specialist President's Office	Area transit services include the college in their routes. The College includes a hybrid vehicle in its fleet of vehicles and uses electric cargo carriers around campus.	● Implementation Progressing as Expected
Northern Virginia Community College	Robert Johnson	We are developing shuttling plans for two campuses (both between campuses and to Metro hubs). All campuses are accessible by public bus lines. We are also implementing car-pooling software (ZimRide) for all locations. We are beginning a campaign to increase biking awareness and make campuses more bike-accessible, including coordination with local transportation planning entities. We are investigating the implementation of electric vehicle charging stations.	● Implementation Progressing with Challenges
Patrick Henry Community College	Jack Hanbury	Bicycle racks installed, accomodating 40 bikes. Eleven motorcycle parking spaces added for use. Piedmont Area Regional Transportation now provides transportation for students to and from the college.	● Implementation Completed
Paul D. Camp Community College	Joe Edenfield		● Implementation Progressing as Expected

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College:	Submitted By:	7) Establish a variety of transportation and parking options and incentives to reduce fuel consumption and carbon emissions. (p.13)	Progress Status:
Piedmont Virginia Community College	Stephen Parker	PVCC is a public bus route and has bus stops at all major buildings. The college also sells discounted bus passes to students. Local apartment buildings also run shuttles to and from PVCC, as does JAUNT. The college has a bulletin board dedicated to the RideShare program offered by the TJPDC. The college is also a drop-off point for Retail Relay, a grocery pick-up business.	● Implementation Completed
Rappahannock Community College	Tom Martin		● Implementation Progressing with Challenges
Southside Virginia Community College	Peter Hunt	Have contacted local bus companies to provide service to campus. Have put in bike racks.	● Implementation Completed
Southwest Virginia Community College	Dr. J. Mark Estep	Premium access granted to public transportation. Flex time summer work hours and block scheduling has reduced travel for faculty/staff/students.	● Implementation Completed
Thomas Nelson Community College	Charles A. Nurnberger	TNCC's local transfer spot handles three major bus routes in the Hampton/ Newport News area. The original transfer spot was located next to a large student parking lot, which caused vehicular and pedestrian congestion. The buses also created extensive damage to the roadway. TNCC, in cooperation with Hampton Roads Transit, successfully relocated this transfer spot on the side of the campus to the main artery in front of the campus grounds. Relocating this stop to the main artery has eased vehicular/pedestrian congestion. The materials used in the actual construction should eliminate the need to repair the driveway frequently. The new transfer spot was completed in August 2012.- In addition to the three bus shelters, Hampton Roads Transit (HRT) also donated a solar-powered trash compactor.- TNCC has purchased three (3) replacement vehicles for its fleet. Two of these vehicles are Ford Fusion Hybrids. Powered by a combination high-voltage electric motor and 2.0L gasoline engine, these vehicles use less fuel. An additional environmentally friendly aspect of the Fusion is found in the cloth seats, which uses 100% recyclable materials, with the seat cushions and head restraints using bio-based polyurethane foam derived from the oils of various plant seeds, such as soybeans. The third vehicle is a pick-up truck which uses flex-fuel. - TNCC encourages faculty and staff to ride-share when taking a fleet vehicle between the two campuses.	● Implementation Progressing as Expected

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		<b>7) Establish a variety of transportation and parking options and incentives to reduce fuel consumption and carbon emissions. (p.13)</b>	
<b>College:</b>	<b>Submitted By:</b>		<b>Progress Status:</b>
Tidewater Community College	Frank Dunn	Since January 2012, the college community has been able to ride any bus, ferry, and light rail train as part	 Progressing as Expected Implementation
Virginia Highlands Community College	Christine Fields	Not one of VHCC's commitments.	 No Report Yet Implementation
Virginia Western Community College	Cheryl C. Miller, Vice President of Finance	The college continues to partner with Valley Metro to provide bus transportation to all students. This reduces the number of cars on campus and reduces carbon emissions. The college has also added motorcycle and bicycle parking spaces in order to encourage alternatives to motor vehicles.	 Implementation Completed
Wytheville Community College	Crystal Cregger	"Go Green Hybrid Parking Spaces" are being designated in WCC's parking lots. Administrators and department leaders are encouraged to telecommute at least once a month.	 Progressing as Expected Implementation

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College:	Submitted By:	8) Establish a sustainability committee at each college. (p. 15)	Progress Status:
Blue Ridge Community College	Dr. John A Downey	Through the College's governance process, the Facilities & Finance Resources Committee is charged annually with exploring sustainability topics. The College advertises green courses and programs using traditional marketing methods and has decided not to pursue a specific webpage devoted to green efforts.	● Implementation Completed
Central Virginia Community College	John Poole	The Facilities, Finance and Sustainability (FFS) committee of the CVCC Governance structure was assigned the role of the sustainability committee. The committee reports to the President's Cabinet and the Governance Committee on all actions related to sustainability. CVCC's Communication Central posts all actions taken by all committees including the FFS committee	● Implementation Completed
Dabney S. Lancaster Community College	Richard Teaff	Use President's Cabinet	● Implementation Completed
Danville Community College	Jerry Franklin	Committee established and is active. President has established criteria for improving sustainability on campus. Developed "green page" on website.	● Implementation Completed
Eastern Shore Community College	Eve Belote	The sustainability committee continues to meet to gauge the progress of our efforts. Website is currently being updated and will include a "green" section. A single stream recycling program has also been in place for a year.	● Progressing as Expected
Germanna Community College	Pam Shifflett	The "green page" has not been established. The college is making progress to increase its STEM presence on the website and in the community. The Environmental Sustainability Committee has identified both long and short term goals to develop community partnerships and reduce the college's carbon foot print. Recycling is largely controlled by economics. If there is no market to purchase the recycled material, it does not get recycled. Paper, non-ferrous metal (aluminum) and glass are recycled as there are vendors interested in purchasing them. Of the seven types of plastic, only Number 1 and Number 2 plastics are recycled in large amounts.	● Progressing with Challenges
J. Sargeant Reynolds Community College	Amy Bradshaw	An Environmental Sustainability Committee is a standing committee at the college. The committee provides recommendations for increasing both awareness of and implementation of measures to increase sustainability at JSRCC. Periodic status reports to the President and his Executive Cabinet. The college has implemented a Recycling Program. A green page has been established on the college's website. The college's Environmental Sustainability Committee recommended a new award for the college called the "Reynolds Green Award" The goal was to recognize and encourage contributions to the college that promote environmental sustainability. College employees are asked to make nominations with the recipient selected by a committee.	● Implementation Completed

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College:	Submitted By:	8) Establish a sustainability committee at each college. (p. 15)	Progress Status:
John Tyler Community College	Greg Dunaway, Director of Facilities	The College's Sustainability meets periodically throughout the calendar year. This Committee is made up of a cross section of the College community. In 2013, a Student Environmental Club was formed. The College Sustainability Chairperson presented and met with this student group at their first meeting, to expand and involve the student body as much as possible. The two groups communicate, and are invited to each other's meetings. A progress report is completed annually by the Sustainability Committee, which includes the Committee's recommendations, feedback, and findings. This report is forwarded to the College President and College Administrative Council for review and action. The College's "green" internet information is monitored and updated as needed with input from both the Sustainability Committee and Environmental Club.	● Implementation Completed
Lord Fairfax Community College	Chris Boies	Our sustainability committee meets on a regular basis, has completed several projects using grant funds, and schedules events on campus each year on Earth Day.	● Implementation Completed
Mountain Empire Community College	Donna Shelton		● Implementation Completed
New River Community College	Kathy Ridpath - Administrative Specialist President's Office	College continues its awareness of and promotion of sustainability features.	● Progressing as Expected
Northern Virginia Community College	Robert Johnson	NOVA's Environmental Committee has been in place since 2007. We hired a Sustainability Officer in Oct 2012 who reports directly to the Vice President and Chief Administrative Officer. The Sustainability Officer is developing a Sustainability Strategy for the college and is completing NOVA's first Greenhouse Gas Inventory. A "green page" is in development and will likely be operational in Fall 2013.	● Progressing as Expected
Patrick Henry Community College	Jack Hanbury	Campus Life Committee has formed a sub committee for this.	● Implementation Completed
Paul D. Camp Community College	Joe Edenfield		● Progressing as Expected
Piedmont Virginia Community College	Stephen Parker	The college Environmental Sustainability Committee is part of the College Senate. The committee consists of students, faculty, and staff. The facilities section of the college website has a section on green initiatives.	● Progressing as Expected
Rappahannock Community College	Tom Martin		● Progressing with Challenges
Southside Virginia Community College	Peter Hunt		● Implementation Completed

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College:	Submitted By:	8) Establish a sustainability committee at each college. (p. 15)	Progress Status:
Southwest Virginia Community College	Dr. J. Mark Estep	SWCC's green page is currently down for reconstruction.	Implementation ● Progressing with Challenges
Thomas Nelson Community College	Charles A. Nurnberger	TNCC established the Environmental Sustainability committee in August 2010 to support the Chancellor's Sustainability Task Force report. The committee consists of representatives from Information Technology, Library, Faculty, Administration, Plant Services, Workforce Development, Human Resources, Plant Services, and students. All members are keenly interested in environmental sustainability. - TNCC is a member of the Sustainability Education & Economic Development (SEED) Center and the American Association of Community Colleges (AACC). Both organizations support environmental sustainability efforts on college campuses across the nation.	Implementation ● Progressing as Expected
Tidewater Community College	Frank Dunn	Through TCC's governance procedure for implementing changes in the governance system, the addition of a standing committee on sustainability, charged with guiding institutional actions and fostering community collaborations that support and model environmentally friendly practices, was proposed. However, the chairs of the President's Advisory and Planning Council and of the College Faculty Senate, as well as select faculty, instead advised that sustainability be incorporated into the existing governance structure for a more efficient and effective operationalizing of the concept college-wide. The President at the time endorsed their recommendation, and the concept has been so operationalized.	● Implementation Completed
Virginia Highlands Community College	Christine Fields	VHCC has a Sustainability Committee and has a page on the VHCC website regarding green features on campus.	Implementation ● Progressing as Expected
Virginia Western Community College	Cheryl C. Miller, Vice President of Finance	The college has a Sustainability Committee that plays an integral part of the college's governance process. Each year the committee reviews college sustainability initiatives, creating new opportunities, and encouraging wider adoption of the practices already in place. Each year the committee hosts Earth Week activities, including outside speakers, and activities that raise sustainability awareness.	● Implementation Completed
Wytheville Community College	Crystal Cregger	WCC's Environmental Sustainability Committee is a standing college committee that meets regularly to provide environmental sustainability recommendations to the WCC Administrative Team. The college's website is being revamped to include a "green page".	Implementation ● Progressing as Expected








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College:	Submitted By:	9) Assess the sustainability emphasis included in current procurement practices and identify areas for improvements. (p. 16)	Progress Status:
Blue Ridge Community College	Dr. John A Downey	Quotes and other supporting documentation is received in electronic form and attached to eVA orders electronically in order to reduce paper usage and filing and storage requirements. Appliances purchased are now energy star rated and photocopier paper purchased now contains a minimum of 30 percent recycled materials. Rather than tearing down and rebuilding many office partition walls, the purchase from Virginia's Surplus Materials Operation of used modular office system walls and office furniture allows for the use, re-use, and re-use again of these modular components throughout campus. Many types of waste materials such as paper, cardboard, metals, glass, and aluminum are now recycled through the use of a Waste Management recyclable material dumpster now located on campus. Metal and other materials recycle bins are located on campus during renovation projects.	● Implementation Completed
Central Virginia Community College	John Poole	CVCC procurement currently utilizes vendors such as Creative Recycling and GovDeals to achieve revenue and reuse or repurpose surplus property. "Green Cleaning", "environmentally friendly alternatives" are required procurement standards. The Procurement Department will encourage other departments to properly recycle or dispose of current items when procuring replacements.	● Implementation Progressing as Expected
Dabney S. Lancaster Community College	Richard Teaff		● No Report Yet
Danville Community College	Jerry Franklin	DCC is participating in the VCCS initiatives as they relate to sustainability in purchasing.	● Implementation Progressing as Expected
Eastern Shore Community College	Eve Belote	Purchasing of environmentally friendly products continues when available/appropriate. We continue to contract with a hazardous materials disposal company and have just-in-time purchasing for micro-biology.	● Implementation Progressing as Expected
Germana Community College	Pam Shifflett	The college complies with the Department of General Services' Agency Procurement and Surplus Property Manual, which includes provision for environmentally sensitive procurement. The college does purchase environmentally sensitive products including copier/printer paper and strongly urges janitorial vendors to use environmentally sensitive products. We have not yet incorporated these practices into a written policy as either a preference or mandate and believe our best opportunity to do so would be via the upcoming VCCS procurement policy development process.	● Implementation Progressing with Challenges
J. Sargeant Reynolds Community College	Amy Bradshaw	8. Whenever applicable JSRCC shall include the Use of Recycled Material Term and Condition in our solicitations. Recycled copier paper, energy star appliances as well as green housekeeping products are already used.	● Implementation Progressing as Expected

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College:	Submitted By:	9) Assess the sustainability emphasis included in current procurement practices and identify areas for improvements. (p. 16)	Progress Status:
John Tyler Community College	Greg Dunaway, Director of Facilities	John Tyler Community College's Purchasing Policy strongly encourages departments to be pro-active in identifying opportunities to reduce the environmental impact of everyday business activities. College Departments are requested through this policy to purchase recycled and environmentally preferable products, to the maximum extent practicable. Tips and resources for purchasing sustainable items are listed within the College's Purchasing Policy, to assist purchasers.	● Implementation Completed
Lord Fairfax Community College	Chris Boies	We purchase refurbished items when possible (like ink cartridges), include sustainable requirements in RFP's when applicable (food service for example), we purchase recycled materials (like paper), and purchase energy star appliances.	● Implementation Progressing as Expected
Mountain Empire Community College	Donna Shelton		● Implementation Progressing as Expected
New River Community College	Kathy Ridpath - Administrative Specialist President's Office	College continues its adherence to an environmentally-preferable purchasing policy. The College purchases all Energy-Star rated equipment.	● Implementation Progressing as Expected
Northern Virginia Community College	Robert Johnson	With the hiring of the Sustainability Officer, NOVA is beginning the process to incorporate environmentally sustainable policies and language into the procurement and bid-evaluation process.	● Implementation Progressing with Challenges
Patrick Henry Community College	Jack Hanbury	Not an adopted goal.	● No Report Yet
Paul D. Camp Community College	Joe Edenfield		● Implementation Progressing as Expected
Piedmont Virginia Community College	Stephen Parker	PVCC purchases recycled materials when possible including paper products and requires the use of green cleaning supplies by the custodial contractor. The college requires that its food service contractor use biodegradable serving products.	● Implementation Progressing as Expected
Rappahannock Community College	Tom Martin		● Implementation Progressing with Challenges
Southside Virginia Community College	Peter Hunt		● Implementation Progressing as Expected
Southwest Virginia Community College	Dr. J. Mark Estep		● Implementation Progressing with Challenges



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College:	Submitted By:	9) Assess the sustainability emphasis included in current procurement practices and identify areas for improvements. (p. 16)	Progress Status:
Thomas Nelson Community College	Charles A. Nurnberger	Procurement practices have been strong on sustainability in part due to the need to conserve resources. The Learning Resources Department recently purchased eighteen (18) Kindle eBook reading devices. These devices can be checked out to anyone in the TNCC community, and are pre-loaded with approximately two dozen books. The use of these devices saves on shelf space, cuts down on the use of paper, and is very cost effective, as the cost of digital books is less than their paper counterpart. - TNCC continues to encourage the use of electronic textbooks (e-texts). From March 2012 to February 2013, Follett Bookstore sold \$12,029 in e-texts. - Learning Resources will purchase four BookScan stations for student, faculty and staff use. The stations are designed so material can be scanned from a flatbed scanner onto a portable hard drive (i.e., flash drive, jump drive, etc.) or emailed to another computer. It is expected these devices will decrease the demand for copy machines in the libraries, thereby reducing the amount of paper, toner, etc., being consumed. - The Virtual Library of Virginia recently signed a licensing agreement with several eBook publishers. This new agreement will allow Thomas Nelson access to thousands of book titles electronically, reducing the amount of hardcopy items purchased.	 Implementation Progressing as Expected
Tidewater Community College	Frank Dunn	The college established and implemented an environmentally-preferable procurement policy in 2010. The procurement staff continues to incorporate sustainability considerations, along with the traditional factors of product, price, and performance, in procurement decisions.	 Implementation Completed
Virginia Highlands Community College	Christine Fields	VHCC has incorporated the Governor's Executive order for confirming procurement needs and vendors.	 Implementation Progressing as Expected
Virginia Western Community College	Cheryl C. Miller, Vice President of Finance	The college's new LEED Silver eligible building contains low VOC materials. The college continues through renovation projects to introduce more green products.	 Implementation Progressing as Expected
Wytheville Community College	Crystal Cregger	An environmental sustainability criteria is incorporated into WCC request for proposals.	 Implementation Completed

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		10) Assess the use of new information technologies, such as virtual servers, digital imaging, electronic file sharing, and electronic signatures to find ways to further reduce energy consumption and paper waste. (p.18)	Progress Status:
College:	Submitted By:		
Blue Ridge Community College	Dr. John A Downey	BRCC is participating in the financial aid shared services pilot and thus incorporating digital imaging into business processes. The effort to spread that to other offices is progressing as technology is tested and as work load constraints permit. In alignment with the Chancellor's expectations for technology, the college avails itself of system efforts to make additional resource saving technologies available at the campus level.	Implementation ● Progressing as Expected
Central Virginia Community College	John Poole	CVCC has been utilizing virtual servers for several years. Virtual servers are our standard. When we evaluate new systems one of the evaluation criteria is whether or not the system will operate in a virtual environment. In addition to virtual servers, we implemented virtual desktops several years ago. Virtual desktops allow us to replace the desktop PC with a thin client device which consumes much less energy; hence it also generates less heat. As applications become more cloud-based, we are implementing thin clients without the virtual desktop backend. This further reduces our energy consumption. We have implemented this in the placement testing lab and hope to implement this in our English composition labs. We have just replaced our large Cisco core switches with more energy efficient Cisco Nexus switches.	Implementation ● Progressing as Expected
Dabney S. Lancaster Community College	Richard Teaff	new data center to meet these needs. use virtual servers centralized student printing	Implementation ● Progressing as Expected
Danville Community College	Jerry Franklin	We have purchased and are installing our first virtual servers. As old servers reach end-of-life they will be added to the virtual servers we are installing. Benefits are less space, less power, less heat generated, fewer black boxes in racks, less material to eventually recycle. We're continuing to remove personal printers and go to BizHubs. Once again, less energy, better quality, lower cost, less ink and cartridges, two-sided printing for less paper usage, fewer old devices to recycle. And everyone gets to walk a little to get their stuff (see previous Item 5 on healthy lifestyles). DCC intranet (portal) means files are available everywhere and don't have to be printed and carried around. Less paper, fewer flash drives, higher security, more access to common data.	Implementation ● Progressing as Expected
Eastern Shore Community College	Eve Belote	A new scanner in the library and copier in both the business office and reception area have extended our digital capabilities and have the potential to reduce paper usage. We have also instituted various online "logs" to track items such as student complaints, etc... Our new website will enable us to have fillable forms.	Implementation ● Progressing as Expected

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College:	Submitted By:	10) Assess the use of new information technologies, such as virtual servers, digital imaging, electronic file sharing, and electronic signatures to find ways to further reduce energy consumption and paper waste. (p.18)	Progress Status:
Germanna Community College	Pam Shifflett	The college uses virtual servers and emphasizes digital imaging as a preferred method of document storage. The college has recently implemented a SharePoint based intranet to allow file sharing throughout the college. The local College Board has a SharePoint site where all documents will be accessed to eliminate distribution of hard copies of meeting materials. Email has recently been converted to the Cloud as well. Electronic signatures are used large by the President's Office and by the College Board.	 Implementation Progressing as Expected
J. Sargeant Reynolds Community College	Amy Bradshaw	9. The college continues to use virtual servers (using VMWare). We are looking into expanding the use of document imaging. Digital copiers/scanners that can be used to convert documents to PDF files for storage on network drives or exchange via email have been widely deployed. Desktop printers are being replaced with network copier/printers, and duplex printing has been set as the default print setting. PDF forms are being developed in several departments to reduce the use of paper forms. SharePoint sites are being used to share documents securely that previously required heavy printing, such as job applications. The college has implemented a print management system for use in the library. Additionally, in February and March 2013, all college employees who are members of standing college committees were assigned iPads as part of an "Committee Project" that included apps for accessing committee SharePoint sites, converting documents to PDF, and annotating documents to minimize and in some cases eliminate the printing of committee materials.	 Implementation Completed

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College:	Submitted By:	10) Assess the use of new information technologies, such as virtual servers, digital imaging, electronic file sharing, and electronic signatures to find ways to further reduce energy consumption and paper waste. (p.18)	Progress Status:
John Tyler Community College	Greg Dunaway, Director of Facilities	The Information Technology Services Department has implemented several activities to reduce energy consumption and paper waste. All new computers are energy star compliant, an international standard for energy-efficient products. The College plans to implement a Virtual Desktop Infrastructure (VDI) solution that reduces the total cost of ownership (TOC) of the College's computing environment. Full high-end desktop microcomputers will be replaced with wireless appliances (thin client computers) reducing power consumption and reducing cabling installations. Benefits of desktop virtualization are: reduce overall hardware costs: ensure business continuity: reduce your carbon footprint; and improve data security. A Document Management System (DMS) was implemented in 2011 to track and store electronic documents and/or images of paper documents. DMS systems commonly provide storage, versioning, metadata, security, as well as indexing and retrieval capabilities. This removed the need for large numbers of hardcopy storage filing cabinets and moved the College toward a "paperless" and green environment. The College has designed and placed into production automated systems and web applications that use e-Signoff/authorization approval technology eliminating the need for paper and pen signatures and physical storage (e.g., Travel, Requisition, Central Store, etc. systems). On March 1, 2013 the College implemented the Employee Access Management System (EAMS). This system replaces approximately 21 paper forms formerly used for requesting access to various IT systems. All requests and approvals are now done electronically. This will result in a significant drop in paper usage and copying and scanning processes. Additionally all reporting and auditing on these systems are done electronically. These processes can also be completed quicker electronically resulting in using less employee time.	Implementation Progressing as Expected
Lord Fairfax Community College	Chris Boies	Servers have been virtualized, file sharing has been encouraged, and a Pay-for-Print system has been implemented (greatly reducing our student printing).	Implementation Completed
Mountain Empire Community College	Donna Shelton		Implementation Progressing as Expected
New River Community College	Kathy Ridpath - Administrative Specialist President's Office	College uses 10 physical servers to operate 40 virtual servers, uses cloud computing, and other energy efficient technologies.	Implementation Progressing as Expected
Northern Virginia Community College	Robert Johnson	With the hiring of the Sustainability Officer, NOVA is beginning the process to incorporate environmentally sustainable policies in the information technology realm.	Implementation Progressing with Challenges

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		10) Assess the use of new information technologies, such as virtual servers, digital imaging, electronic file sharing, and electronic signatures to find ways to further reduce energy consumption and paper waste. (p.18)	Progress Status:
College:	Submitted By:		
Patrick Henry Community College	Jack Hanbury	We have introduced the WEPA system to our campus and it has significantly reduced paper usage. We continue to purchase energy conservative computers, monitors, etc.	● Implementation ● Progressing as Expected
Paul D. Camp Community College	Joe Edenfield		● Implementation ● Progressing as Expected
Piedmont Virginia Community College	Stephen Parker	The college has installed virtual servers and is a leader in utilizing virtual desktops in its computer labs. The college makes significant use of electronic file sharing and a major expansion of digital imaging is underway.	● Implementation ● Progressing as Expected
Rappahannock Community College	Tom Martin		● Implementation ● Progressing as Expected
Southside Virginia Community College	Peter Hunt		● Implementation ● Progressing as Expected
Southwest Virginia Community College	Dr. J. Mark Estep	SWCC utilizes virtual servers and scans files for electronic storage.	● Implementation ● Progressing as Expected

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College:	Submitted By:	10) Assess the use of new information technologies, such as virtual servers, digital imaging, electronic file sharing, and electronic signatures to find ways to further reduce energy consumption and paper waste. (p.18)	Progress Status:
Thomas Nelson Community College	Charles A. Nurnberger	TNCC has initiated GatorNet, the college intranet that allows faculty and staff to access current information and college resources, both on- and off-campus. - TNCC continues to add distance-learning (virtual) classes. Enrollment in distance-learning classes during the spring 2011 term was 855 (8.5% of total enrollment); during the spring 2013 term, a total of 1,059 students or 10.7%. - In collaboration with Information Technology (IT) and our Purchasing Department, the College has saved \$248,000 as it relates to IT purchases (short term/long term costs). - SharePoint continues to be implemented across campus. Administration and their assistants have attended training. - Enrollment Services has implemented an online student orientation program called Gatortation, which permits students to take this required course online. - TNCC continues to expand the contract with Shred-It, with additional bins placed on both campuses, for a total of 33 bins. During calendar year 2012, TNCC has saved 141 trees from destruction. - TNCC has created five (5) computer classrooms for the redesigned Developmental Math courses, with 30 thin client computing units in each computer classroom. This setup has saved the College over \$80,000. The thin client computing units utilize less electrical and HVAC energy. Additionally, TNCC has implemented an English Lab program. There are two new classrooms with 24 computers, for a savings of \$21,000. - eDOMA is a document sharing application that is used to scan student applications and financial aid applications, using a digital imaging process, thereby saving costs on paper and printing. The information is housed off site and is accessible through the web. The implementation of this application uses cloud technology which provides security and redundancy for disaster recovery purposes. - The Office of Institutional Research and Effectiveness is using WEAVE Online, an externally-hosted cloud application which requires no institutional IT support to maintain. This eliminates the need for servers and storage to house the installation reducing energy costs.	Implementation Progressing as Expected
Tidewater Community College	Frank Dunn	TCC uses a digital imaging and document management system for business processes in admissions, cour	Implementation Completed
Virginia Highlands Community College	Christine Fields	VHCC continues to assess information technologies and implement changes where necessary and cost effective.	Implementation Progressing as Expected
Virginia Western Community College	Cheryl C. Miller, Vice President of Finance	VWCC leads in virtual desktop usage. 95% of the servers are virtual and desktops utilize thin-client technology. The college adopted WEPA two years ago for its students, effectively reducing printed material by 4 M copies annually. Recently, the college automated the SARF form (utilized across campus to request technology access) to an electronic document capable of electronic signature approval.	Implementation Completed
Wytheville Community College	Crystal Cregger	The college has implemented many new technologies to reduce energy consumption and paper waste. New efforts are ongoing.	Implementation Completed



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College:	Submitted By:	11) Explore opportunities to engage community leaders in the development of an integrated sustainability program. (p.19)	Progress Status:
Blue Ridge Community College	Dr. John A Downey	The College was a major partner in a regional green grant overseen by the Shenandoah Valley Workforce Investment Board. The college also allows contracting partners to employ the college recycling services in order to capture as much recycled products as possible and reduce waste. We partner with the college's adjacent property owners at the Criminal Justice Training Center to share parking resources, reducing the urgency of the need to create more parking spaces. We partner with the public regional transportation services in order to provide bus services for our students.	● Implementation Completed
Central Virginia Community College	John Poole	CVCC will continue discussions on an integrated sustainability program with the City of Lynchburg and area colleges and universities, using the city's existing Town and Gown initiative as a medium for exploring possible collaborations. The City of Lynchburg is completing construction of a pedestrian/bike path. This path will end at CVCC and provide access easy to shops and Restaurants without having to drive. CVCC provided an easement to allow the construction.	● Implementation Progressing as Expected
Dabney S. Lancaster Community College	Richard Teaff	Do so through program advisory committees	● Implementation Progressing as Expected
Danville Community College	Jerry Franklin	E Bike Danville was a program started by DCC to engage the community in a sustainability project. Program had members of Danville Science Center, Municipal Government, Spin Bike Shop, LifeBatt Battery Co., Gerhardt Engineering, along with DCC participating. Resulted in new sales outlet for e bikes in Danville. New tourism on e bikes. Nationwide recognition of the program and replication at Gateway CC in Racine WS.	● Implementation Completed
Eastern Shore Community College	Eve Belote		● Implementation Progressing as Expected
Germanna Community College	Pam Shifflett	The college's Science and Engineering Building/Information Commons receiving LEED Silver Status has been featured in media outlets throughout the service region, as well as on the college's website. The college has implemented several automated processes, such as online applications for enrollment and employment, and most recently a site for students to apply for graduation online. Document sharing between students and teachers is accomplished through Black Board. Notification of automated processes are shared at various events throughout the college and the community, including events held by local Chambers of Commerce, high school recruiting events, and through Workforce events.	● Implementation Progressing as Expected
J. Sargeant Reynolds Community College	Amy Bradshaw	N/A	##

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College:	Submitted By:	11) Explore opportunities to engage community leaders in the development of an integrated sustainability program. (p.19)	Progress Status:
John Tyler Community College	Greg Dunaway, Director of Facilities	JTCC holds community events throughout the year to promote the College and to create contacts with community leaders and groups. The College's annual Fool for Art event held on the Midlothian Campus is attended by approximately 6,000 people. The events festivities and offerings come from partnerships with other community and public organizations, such as Chesterfield County Parks and Recreation and Virginia Department of Environmental Quality. Through these partnerships, the community interacts in many sustainability related activities and environmentally focused seminars. The goal of hosting an additional large Chester Campus event, that will engage the Chester community, has been incorporated into the College's multi-year strategic plan.	Implementation ● Progressing as Expected
Lord Fairfax Community College	Chris Boies	Local community leaders participated in our Earth Day event last year at the Fauquier campus. We also host annual science fairs where environmental categories are judged. We are hosting lunch and learn sessions this summer to engage local school and government agencies in discussions on energy reduction.	Implementation ● Progressing as Expected
Mountain Empire Community College	Donna Shelton	The committee is working in collaboration with student services to engage the campus and surrounding community in environmental sustainability to create a culture of sustainability in the Mountain Empire region.	Implementation ● Progressing as Expected
New River Community College	Kathy Ridpath - Administrative Specialist President's Office		Implementation ● Progressing as Expected
Northern Virginia Community College	Robert Johnson	NOVA has participated in a few limited efforts, eg, Virginia Energy Workforce Consortium and Weatherization Training Assistance Program. With the hiring of the Sustainability Officer, NOVA is beginning the process to engage the local K-12 systems; nearby peer institutions; area businesses; government agencies; and community organizations to develop partnerships and leverage existing, environmental expertise and expand the offerings for sustainability-related education and training in Northern Virginia.	Implementation ● Progressing with Challenges
Patrick Henry Community College	Jack Hanbury	Not an adopted goal.	● No Report Yet
Paul D. Camp Community College	Joe Edenfield	PDCCC will be reaching out to its existing Advisory Committees for assistance in this.	Implementation ● Progressing with Challenges
Piedmont Virginia Community College	Stephen Parker	PVCC continues its membership with the Rivanna Regional Stormwater Education Partnership and is a partner in the Virginia Greenforce Initiative.	Implementation ● Progressing as Expected
Rappahannock Community College	Tom Martin		● No Report Yet

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College:	Submitted By:	11) Explore opportunities to engage community leaders in the development of an integrated sustainability program. (p.19)	Progress Status:
Southside Virginia Community College	Peter Hunt		 No Report Yet
Southwest Virginia Community College	Dr. J. Mark Estep	Energy and agriculture leaders of the region have been polled to obtain input relating to improving our environmental science program and our emerging green influenced instruction. Presentations by the Agri-Business instructor has been given in the communities we serve and in the high schools.	 Implementation Progressing as Expected
Thomas Nelson Community College	Charles A. Nurnberger	TNCC continues its partnership with the Hampton-based Green Jobs Alliance (GJA) to conduct energy efficiency programs. Other partners include the Peninsula Council for Workforce Development; Youth Career Cafés; Peninsula Worklink WIA One-Stop System; the Urban League of Hampton Roads; the Office of Human Affairs; Laborers International Union of North America (LIUNA); and the International Brotherhood of Electrical Workers. New GJA Board members include Old Dominion University, Newport News Shipbuilding, and Dominion Power utility provider. - The TNCC Weatherization Training Center leveraged resources, direct and in-kind, from the Virginia Weatherization Training Center (equipment, curriculum, instructor costs, and VA DMME scholarships); the Hampton Roads Sanitation District (space for conducting the lab portion of classes); City of Hampton (financial services to Green Jobs Alliance); and TNCC WD sponsored Energy and Environment Day with the Leadership Institute of the Virginia Peninsula Chamber of Commerce. - TNCC also integrates programs that can support wind and solar installations such as the electrical specialization within the Electronics Technology program conducted with the International Brotherhood of Electrical Workers (IBEW) apprentice program.	 Implementation Progressing as Expected
Tidewater Community College	Frank Dunn	A sustainability/renewable energy sub-committee of the college's Electromechanical Technologies Curriculum Advisory Committee has been established. Consideration is being given to establishing a separate college-wide advisory committee consisting of existing program advisory committee members, faculty, and deans from select programs and disciplines at all campuses, e.g., Business, Engineering, Interior Design, and General Education. This committee will provide a more holistic and integrated view of sustainability. The goal will be to provide the college with broader and deeper community insight into the sustainability needs of the Hampton Roads region.	 Implementation Progressing as Expected
Virginia Highlands Community College	Christine Fields	VHCC continues to work with community leaders on the Energy Program and on HVAC and Electricity curriculum.	 Implementation Progressing as Expected
Virginia Western Community College	Cheryl C. Miller, Vice President of Finance	The college continues to participate in a number of outside organizations, including AASCE and the Roanoke Valley Green Coalition.	 Implementation Completed
Wytheville Community College	Crystal Cregger	The college keeps the community apprised of our efforts via the college's newsletter, inclusion of community members on curriculum advisory committees, and presentations made by WCC administrators to civic groups.	 Implementation Completed

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College:	Submitted By:	12) Please include any additional comments below.
Blue Ridge Community College	Dr. John A Downey	
Central Virginia Community College	John Poole	
Dabney S. Lancaster Community College	Richard Teaff	
Danville Community College	Jerry Franklin	DCC won the Virginia Community College award for Sustainability at the first VCU Sustainability Conference held in Richmond, in January, 2013. &CR;&LF;&CR;&LF;DCC also developed and implemented the first Light Electric Vehicle Technician Certification course which was presented April 2013. Participants from Canada, Chicago and Florida as well as five local high school students and others took the certification course. Expect to repeat in late summer or early Fall 2013. Course was sanctioned by the international Light Electric Vehicle Association.
Eastern Shore Community College	Eve Belote	
Germanna Community College	Pam Shifflett	
J. Sargeant Reynolds Community College	Amy Bradshaw	N/A
John Tyler Community College	Greg Dunaway, Director of Facilities	
Lord Fairfax Community College	Chris Boies	
Mountain Empire Community College	Donna Shelton	
New River Community College	Kathy Ridpath - Administrative Specialist President's Office	
Northern Virginia Community College	Robert Johnson	NOVA has a number of faculty and staff who are concerned about sustainability and achieved the hiring of the first Sustainability Officer in Oct 2012. With the Sustainability Officer to harness the energy and be a single point of contact for internal and external issues, we expect to make significant, systematic progress in the next year in implementing the recommendations outlined here.
Patrick Henry Community College	Jack Hanbury	
Paul D. Camp Community College	Joe Edenfield	

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College:	Submitted By:	12) Please include any additional comments below.
Piedmont Virginia Community College	Stephen Parker	
Rappahannock Community College	Tom Martin	
Southside Virginia Community College	Peter Hunt	We are exploring entering into a PPE with a solarr company to install 5 acres of panels on the Daniel campus to be able to purchase electricity at a reduced cost.
Southwest Virginia Community College	Dr. J. Mark Estep	
Thomas Nelson Community College	Charles A. Nurnberger	
Tidewater Community College	Frank Dunn	
Virginia Highlands Community College	Christine Fields	
Virginia Western Community College	Cheryl C. Miller, Vice President of Finance	
Wytheville Community College	Crystal Cregger	