



Department of Energy

Washington, DC 20585

October 31, 2008

The Honorable Margaret Spellings
Secretary of Education
Washington, DC 20206-5120

Dear Madam Secretary:

As required by Executive Order 13256, President's Board of Advisors on Historically Black Colleges and Universities, I am enclosing the Department of Energy's (DOE) Fiscal Year 2008 Annual Performance Report on Executive Agency Actions to Assist Historically Black Colleges and Universities (HBCUs).

The Department provided \$31.5 million in support, an increase of \$14.5 million from FY 2007. The Department FY 2008 accomplishments included \$2.2 million to Morehouse College to enhance graduate and undergraduate programs in science and mathematics and \$1.9 million to Claflin College to increase the number of African-American scientists holding degrees in engineering and bioengineering disciplines. These programs were funded through a Congressional earmark to the National Nuclear Security Administration (NNSA) appropriation.

We look forward to working with you to ensure HBCUs receive the support necessary to provide high quality educational opportunities for the next generation of scientists and engineers.

Sincerely,

A handwritten signature in cursive script, reading "Theresa Alvillar-Speake", is positioned above the printed name.

Theresa Alvillar-Speake
Director
Office of Economic Impact and Diversity

Enclosure

cc:
Ms. Karen Epps
U.S. Department of Education
White House Initiative on HBCUs
1990 K Street NW, 6th Floor
Washington, DC 20206-5120



Printed with soy ink on recycled paper

Fiscal Year 2008

**Annual Federal Performance Report
On
Executive Agency Actions
To Assist
Historically Black Colleges
And Universities**

PART A: EXECUTIVE SUMMARY OF AWARDS TO HBCUs:
FISCAL YEAR 2008

OVERVIEW

In Fiscal Year 2008, the Department of Energy (DOE) provided \$31.5 million to support programs with Historically Black Colleges and Universities (HBCUs).

During Fiscal Year 2008, the Department supported a wide range of programs and activities:

- \$2.4 million to Allen University (Columbia, SC) for its curriculum development to enhance quantitative and problem solving skills and to strengthen basic math and science curriculum;
- \$2.2 million to Morehouse College (Atlanta, GA) to enhance graduate and undergraduate programs in science and mathematics;
- \$1.9 million to Claflin College (Orangeburg, SC) to increase the number of African-American scientists holding degrees in engineering and bioengineering disciplines;
- \$1.9 million to South Carolina State University (Orangeburg, SC) to train nuclear engineers and radio chemists and to do research on the safe and secure transport of radiological sources, spent fuel, tritium, nuclear fuel and hazardous materials.
- \$1.4 million to Central State University (Wilberforce, OH) to expand and enhance its student science/engineering scholarship and internship program and partner with Ohio State University to create a distance learning program in STEM disciplines;
- \$1.2 million to Denmark Technical College (Denmark, SC) for its curriculum development to include cyber security, nuclear and transportation technology;
- \$984,000 to Benedict College (Columbia, SC) to conduct an analysis of materials as barriers to radiation, feasibility of photocatalysis for decontamination and advance computing – mobile communications adaptation.
- \$984,000 to Voorhees College (Denmark, SC) to expand the computer science and mathematics faculty's knowledge and skills in cyber security and integrate cyber security workshops and activities into the universities annual technology week activities; and
- \$984,000 to Morris College (Sumter, SC) to recruit ten highly qualified Morris College students at the junior level to complete two years of specialized study and

training in the critical fields of nuclear safety and security and the management of nuclear materials;

PART B: SUMMARY OF TOTAL AWARDS TO HBCU*, BY CATEGORY: FY2008

1. AGENCY:

U.S. Department of Energy

2. Annie Whatley

Annie F. Whatley
NAME
SIGNATURE OF REPRESENTATIVEActing Associate Director,
Office of Minority Economic
Impact_____
TITLE

3. TOTAL UNIVERSE OF FUNDS FOR INSTITUTIONS OF HIGHER EDUCATION (IHEs) \$899,670,007.02

CATEGORY	AWARDS TO IHE+	AWARDS TO HBCUs*	Awards to HBCUs as % of total Awards to IHE
1. Research & Development	\$876,070,138.89	\$18,769,957.82	2.14%
2. Program Evaluation	\$37,500.00	\$37,500.00	100%
3. Training	\$1,703,485.57	\$1,221,567.57	71.71%
4. Facilities and Equipment	\$2,061,052.00	\$0.00	0.00%
5. Fellowships, Traineeships, Internships, Recruitment, and IPAs	\$3,792,350.00	\$2,977,350.00	78.51%
6. Student Tuition Assistance, Scholarships, and Other Aid	\$775,558.00	\$760,923.00	98.11%
7. Direct Institutional Subsidies	\$0.00	\$0.00	0.00%
8. Third Party Awards	\$151,611.00	\$50,000.00	32.98%
9. Private Sector Involvement	\$0.00	\$0.00	0.00%
10. Administrative Infrastructure	\$3,003,065.88	\$0.00	0.00%
11. Other	\$12,075,245.68	\$7,688,168.52	63.67%
Total	\$899,670,007.02	\$31,505,466.91	3.5%

Theresa Alvillar-Speake
OFFICE DIRECTOR (TYPED)
OFFICE DIRECTOR SIGNATURE

+IHE = Institutions of Higher Education

*HBCUs = Historically Black Colleges and Universities

PART D. FY 2008 SUMMARY OF DOE AWARDS TO HBCUs*Office Representative: Theresa Alvillar-SpeakeTelephone Number: (202) 586-8383

Provide the requested information for the following categories for each applicable educational institution. Totals for each category should equal the total in this category in Part B of this report.

1. RESEARCH AND DEVELOPMENT

<i>Recipient</i>	<i>Activity/Description</i>	<i>Award Amount</i>
SOUTHERN U. & A&M	Energy Conversion and Storage Devices: Solar Energy Research and Education.	\$12,000.00
FISK UNIV.	Nanorod-Array Solar Cells	\$20,000.00
HOWARD UNIVERSITY	PV and Renewable Energy Research/training for Optimal Power Management and Distribution.	\$35,000.00
N. C. CENTRAL	"Investigation of Photovoltaic and Thermoplastic Semiconductors.	\$30,000.00
FLORIDA A&M	FES: Dynamics of X-pinchs Powered by a Capacitor Bank	\$98,000.00
N. C. A&T STATE	Office of Solar	\$30,000.00
TUSKEGEE UNIVERSITY	Vehicle Technology	\$57,000.00
SAVANNAH STATE	Research and Development in Science and Engineering	\$150,000.00
TENNESSEE STATE	Research and Development, Science and Engineering under the Environmental Justice Program	\$415,000.00
SOUTHERN U. & A&M	Research	\$200,000.00
SOUTHERN U. & A&M	research	\$200,000.00
N. C. A&T STATE	research	\$200,000.00
CENTRAL STATE	Solar Office: Research and Development Efforts	\$20,000.00
CENTRAL STATE	ORNL Machinery	\$66,000.00
ALABAMA A&M	Alliance for Computational Science Collaboration: HBCU Partnership at Alabama A&M University Continuing High Performance Computing Research & Education at AAMU	\$90,923.00
TUSKEGEE UNIVERSITY	Computational Modeling of Circulating Fluidized Bed Reactors	\$106,687.00
CLARK ATLANTA U.	Electron/Photon Interactions with Atoms/Ions	\$80,000.00
FLORIDA A&M	Turbulent Transport Diagnostics for Fusion Plasmas	\$153,000.00
HAMPTON UNIVERSITY	Homoclinic Tangles in DIII-D Divertor Tokamak	\$123,000.00
HAMPTON UNIVERSITY	The Problem of Heat Deposition on Divertor Tokamak	\$69,511.00
N. C. CENTRAL	Precision Characterization of Gyrotron Window Materials	\$74,000.00
PRAIRIE VIEW A&M	Institute for High Heat Flux Removal: Phase II	\$201,000.00
PRAIRIE VIEW A&M	Study of Rotamak Plasmas	\$272,000.00
FLORIDA A&M	Electron Beam Transport in Advanced Plasma Wave Accelerators	\$103,000.00
HOWARD UNIVERSITY	Superstrings and Quantum Superfields	\$40,000.00
LANGSTON UNIV.	Langston University - High Energy Physics (LU-HEP)	\$67,000.00
HAMPTON UNIVERSITY	The Hampton University Graduate Studies (HUGS) Summer Program at Jefferson Lab	\$45,000.00
HAMPTON UNIVERSITY	Selected Problems in Nuclear/High Energy Physics: Experimental Hypernuclear Physics	\$150,000.00
NORFOLK STATE	Polarization Experiments with Electromagnetic Probes	\$15,000.00
NORFOLK STATE	Polarization Experiments with Electromagnetic Probes	\$142,000.00

HOWARD UNIVERSITY	Research & Development	\$250,000.00
TUSKEGEE UNIVERSITY	HBCU student intern program	\$250,000.00
N. C. A&T STATE	HBCU student intern program	\$250,000.00
FSK UNIV.	High Resolution Scintillator Materials.	\$100,000.00
FLORIDA A&M	Services by Principle Investigator: To perform the effort and provide the deliverables in accordance with the effort described in the research proposal.	\$250,000.00
HAMPTON UNIVERSITY	Services by Principle Investigator: To perform the effort and provide the deliverables in accordance with the effort described in the research proposal.	\$250,000.00
MORGAN STATE	Services by Principle Investigator: To perform the effort and provide the deliverables in accordance with the effort described in the research proposal.	\$250,000.00
SOUTHERN U. & A&M	Services by Principle Investigator: To perform the effort and provide the deliverables in accordance with the effort described in the research proposal.	\$250,000.00
PRAIRIE VIEW A&M	Services by Principle Investigator: To perform the effort and provide the deliverables in accordance with the effort described in the research proposal.	\$250,000.00
TENNESSEE STATE	Services by Principle Investigator: To perform the effort and provide the deliverables in accordance with the effort described in the research proposal.	\$250,000.00
CENTRAL STATE	Solar Program MOD #12, Renewable research Associates Program	\$19,710.00
FSK UNIV.	Solar Program Office- Mod #10 Development of Quantum Dot-Sensitized ZnO and TiO ₂ nanorod Array Solar Cells	\$35,000.00
N. C. A&T STATE	Solar-NREL Mod #7 Power, Management and Distribution Using PV Technology	\$10,250.00
N. C. A&T STATE	Solar-NREL Mod #8 Power Management and Distribution Using PV Technology	\$10,250.00
N. C. A&T STATE	Solar/NREL- Mod #9 Power Management and Distribution Using PV Technology	\$15,000.00
N. C. CENTRAL	Solar-NREL Mod #6 Energy Conversion and Storage Devices Solar Energy Research and Education	\$8,626.82
N. C. A&T STATE	Solar-NREL Mod #7 Energy Conversion and Storage Devices Solar Energy Research and Education	\$20,000.00
ALABAMA A&M	Massie Chairs of Excellence - Computational sciences research. Establish a micro-nano fabrication research center.	\$250,000.00
FLORIDA A&M	Massie Chairs of Excellence - Development of advanced composite material containers that exhibit superior blast, fire, smoke and toxicity resistance properties. Characterization of properties relative to blast, fire, smoke and toxicity resistance.	\$250,000.00
HAMPTON UNIVERSITY	Massie Chairs of Excellence - Train the next generation of students in radiation Chemistry. Attrition-Resistant Fischer-Tropsch Catalysts Based on FCC Supports. K-12 mathematics and science program.	\$250,000.00
HOWARD UNIVERSITY	Massie Chairs of Excellence - Development and evaluation of recyclable dendritic nanoscale ligands for separations of radionuclides (e.g. uranium cesium, strontium and pertechnetate) from aqueous solutions by dendrimer enhanced filtration (DF).	\$250,000.00
MORGAN STATE	Massie Chairs of Excellence - Study which distinguishes shock waves of earthquakes from far-field nuclear tests. "Groundbreaking" theory for the development of	\$250,000.00

	vertical cracks of fissures at depth within sedimentary basins, particularly those cracks caused by groundwater flow.	
N. C. A&T STATE	Massie Chairs of Excellence - Analyzing the management of the NNSA fleet to identify and determine the most cost effective and efficient methods of utilization. Improve accuracy for radioactive contaminant transport models by ensemble based data assimilation.	\$250,000.00
PRAIRIE VIEW A&M	Massie Chairs of Excellence - Nuclear sensors designed to be highly persistent, adaptive, robust, available, accessible and operate effectively even with a portion of them have failed or been destroyed. The system will detect nuclear activity, analyze and categorize signals received.	\$250,000.00
SOUTHERN U. & A&M	Massie Chairs of Excellence - Develop system prototypes to demonstrate efficient wireless communication facilities in a single package.	\$250,000.00
TENNESSEE STATE	Massie Chairs of Excellence - Natural attenuation and enhanced bioremediation of chlorinated solvents. Bioremediation of metal contamination using cartilage tissue. Lithium Oxide Reduction. Robotic Mopping	\$250,000.00
TUSKEGEE UNIVERSITY	Massie Chairs of Excellence - Nuclear research - Radiochemists training program - Corrosion in ferritic FeCr steels for nuclear applications.	\$250,000.00
MOREHOUSE COLLEGE	Enhance graduate and undergraduate programs in the sciences and mathematics.	\$2,268,000.00
WILBERFORCE UNIV.	Create a center of excellence in the field of Disaster Modeling and Simulation. Advanced modeling and simulation research.	\$700,000.00
SOUTHERN U. & A&M	Collaborative projects with other academic institutions conducting NNSA focused research.	\$188,000.00
ALLEN UNIVERSITY	Curriculum development to enhance quantitative and problem solving skills. Strengthen basic math and science curriculum.	\$2,460,000.00
CLAFLIN COLLEGE	Increase the number of African-American scientists holding degrees in engineering and bioengineering research disciplines.	\$1,968,000.00
SOUTH CAROLINA STATE UNIV.	Train nuclear engineers and radiochemists. Research on the safe and secure transport of radiological sources, spent fuel, tritium, nuclear fuel and hazardous materials.	\$1,968,000.00
BENEDICT COLLEGE	Conduct research in 3 areas: Analysis of materials as barriers to radiation, feasibility of photocatalysis for decontamination, and advance computing - mobile communications adaptation.	\$984,000.00
Total Awards:		<u>\$18,769,957.82</u>

2. PROGRAM EVALUATION

<i>Recipient</i>	<i>Activity/Description</i>	<i>Award Amount</i>
SOUTHERN U. & A&M	internship	\$12,500.00
SOUTHERN U. & A&M	internship	\$12,500.00
N. C. A&T STATE	program eval.	\$12,500.00
Total Awards:		<u>\$37,500.00</u>

3. TRAINING

<i>Recipient</i>	<i>Activity/Description</i>	<i>Award Amount</i>
ALABAMA A&M	Training to Alabama A&M	\$50,000.00
HAMPTON UNIVERSITY	Training to Hampton University	\$50,000.00
FISK UNIV.	Cooperative agreement to Fisk University in collaboration with Oakridge National Laboratory.	\$50,000.00
HOWARD UNIVERSITY	Solar/NREL Mod #5 PV and Renewable Energy Research Training for Optimal Power Management and Distribution	\$12,522.52
HOWARD UNIVERSITY	Solar/NREL- Mod #6 PV and Renewable Energy Research/Training for Optimal Power Management and Distribution	\$12,522.52
HOWARD UNIVERSITY	Solar/NREL- Mod #7 PV and Renewable Energy Research/Training for Optimal Power Management and Distribution	\$12,522.53
VOORHEES COLLEGE	Expand computer science and mathematics faculty's knowledge and skills in cyber security. Provide a cyber security training certification. Integrate cyber security workshops and activities into the universities annual technology week activities.	\$984,000.00
MOREHOUSE COLLEGE	FY08	\$50,000.00
Total Awards:		<u>\$1,221,567.57</u>

4. FACILITIES AND EQUIPMENT

<i>Recipient</i>	<i>Activity/Description</i>	<i>Award Amount</i>
Total Awards:		<u>\$0.00</u>

5. FELLOWSHIPS, TRAINEESHIPS, INTERNSHIPS, RECRUITMENT, AND IPAS

<i>Recipient</i>	<i>Activity/Description</i>	<i>Award Amount</i>
PRAIRIE VIEW A&M	Internships	\$150,000.00
HOWARD UNIVERSITY	Fellowship and Internships to Howard University.	\$20,000.00
UNIV. OF MARYLAND ES	Nardia Marston/MEISPP	\$13,000.00
OTHER - HBCU	Recruitment for National Organization of Black Chemists and Chemical Engineers.	\$6,350.00
MORGAN STATE	FY 2008 DOE Student Partnership Program/HBCU/MEA	\$13,000.00
ALBANY STATE	m	\$13,000.00
FORT VALLEY STATE	internship	\$36,000.00
PRAIRIE VIEW A&M	internship	\$24,000.00
TUSKEGEE UNIVERSITY	internship	\$36,000.00
HAMPTON UNIVERSITY	internship	\$24,000.00
ELIZABETH CITY STATE	internship	\$24,000.00
HOWARD UNIVERSITY	internship	\$36,000.00
NORFOLK STATE	Intern Student Diversity Program	\$13,000.00
UNIV. OF MARYLAND ES	Intern Student Diversity Program	\$13,000.00
OAKWOOD COLLEGE	Intern Student Diversity Program	\$13,000.00
FISK UNIV.	MEISSP Intern - Carolyn Jones (ED-2)	\$13,000.00
HAMPTON UNIVERSITY	MEISSP Intern - Gabriella Lewis-White (ED-4)	\$13,000.00
TUSKEGEE UNIVERSITY	MEISSP Intern - Erica Randle (ED-3)	\$13,000.00
MOREHOUSE COLLEGE	MEISSP	\$26,000.00

UNIV. OF MARYLAND ES	MEISSP - Inadvertant Submission - Delete	\$0.00
BOWIE STATE	MEISSP	\$13,000.00
UNIV. OF MARYLAND ES	MEISSP	\$13,000.00
SPELMAN COLLEGE	DOE Scholars	\$9,000.00
SOUTH CAROLINA STATE UNIV.	DOE Scholars	\$9,000.00
DENMARK TECH.	DOE Scholars	\$9,000.00
MORGAN STATE	MEISSP	\$26,000.00
N. C. A&T STATE	MEISSP	\$26,000.00
MOREHOUSE COLLEGE	MEISSP	\$26,000.00
MISSISSIPPI VALLEY	Miss. Valley State Univ. - MEISPP	\$13,000.00
HOWARD UNIVERSITY	Sharonda Harmon/MEISPP	\$13,000.00
MOREHOUSE COLLEGE	Kristopher Turner/MEISPP	\$13,000.00
SOUTHERN U. & A&M	Onslow Hall/MEISPP	\$13,000.00
NORFOLK STATE	MEISSP Intern - Norfolk State University	\$13,000.00
NORFOLK STATE	Internship in the Program and Budget area	\$13,000.00
OTHER - HBCU	PI SPONSORED NO INTERNS FOR THE 4TH QUARTER.	\$0.00
DENMARK TECH.	Curriculum development to include cyber security, nuclear and transportation technology.	\$1,235,000.00
MORRIS COLLEGE	Recruit ten highly qualified Morris College students at the junior level to complete two years of specialized study and training in the critical fields of nuclear safety and security and the management of nuclear materials.	\$984,000.00
OTHER - HBCU	Per email from Monique Alexander to Chester Scott, \$50,000 to be used for 3 interns from Morehouse and one additional intern from an other HBCU	\$50,000.00
Total Awards:		<u>\$2,977,350.00</u>

6. STUDENT TUITION ASSISTANCE, SCHOLARSHIP, AND FINANCIAL AID

<i>Recipient</i>	<i>Activity/Description</i>	<i>Award Amount</i>
SAVANNAH STATE	MSI	\$1,300.00
FLORIDA A&M	MSI	\$16,522.00
LANGSTON UNIV.	MSI	\$9,179.00
NORFOLK STATE	msi	\$3,860.00
SOUTHERN U. & A&M	msi	\$5,718.00
JACKSON STATE	msi	\$10,507.00
MOREHOUSE COLLEGE	msi	\$4,525.00
PRAIRIE VIEW A&M	msi	\$4,387.00
FORT VALLEY STATE	msi	\$3,295.00
JOHNSON C. SMITH	mi	\$6,700.00
OTHER - HBCU	uncf	\$100,000.00
SOUTH CAROLINA STATE UNIV.	Partnership Program	\$34,500.00
SOUTH CAROLINA STATE UNIV.	Partnership Program	\$34,500.00
SOUTH CAROLINA STATE UNIV.	Partnership Program	\$34,500.00
SOUTH CAROLINA STATE UNIV.	Partnership Program	\$34,500.00
LINCOLN UNIVERSITY	Partnership Program	\$31,250.00

LINCOLN UNIVERSITY	Partnership Program	\$31,250.00
LINCOLN UNIVERSITY	Partnership Program	\$31,250.00
LINCOLN UNIVERSITY	Partnership Program	\$31,250.00
CLARK ATLANTA U.	Partnership Program	\$31,250.00
CLARK ATLANTA U.	Partnership Program	\$31,250.00
CLARK ATLANTA U.	Partnership Program	\$31,250.00
CLARK ATLANTA U.	Partnership Program	\$31,250.00
FLORIDA A&M	STUDENT TUITION ASSISTANCE, SCHOLARSHIP, AND FINANCIAL AID	\$16,522.00
LANGSTON UNIV.	STUDENT TUITION ASSISTANCE, SCHOLARSHIP, AND FINANCIAL AID	\$9,180.00
NORFOLK STATE	STUDENT TUITION ASSISTANCE, SCHOLARSHIP, AND FINANCIAL AID	\$3,860.00
SOUTHERN U. & A&M	STUDENT TUITION ASSISTANCE, SCHOLARSHIP, AND FINANCIAL AID	\$5,719.00
JACKSON STATE	STUDENT TUITION ASSISTANCE, SCHOLARSHIP, AND FINANCIAL AID	\$10,507.00
MOREHOUSE COLLEGE	STUDENT TUITION ASSISTANCE, SCHOLARSHIP, AND FINANCIAL AID	\$4,525.00
PRAIRIE VIEW A&M	STUDENT TUITION ASSISTANCE, SCHOLARSHIP, AND FINANCIAL AID	\$4,387.00
FORT VALLEY STATE	STUDENT TUITION ASSISTANCE, SCHOLARSHIP, AND FINANCIAL AID	\$3,295.00
JOHNSON C. SMITH	STUDENT TUITION ASSISTANCE, SCHOLARSHIP, AND FINANCIAL AID	\$6,700.00
SAVANNAH STATE	Tuition, stipend, admin costs	\$1,300.00
FLORIDA A&M	Tuition, stipend, admin costs	\$16,522.00
LANGSTON UNIV.	Tuition, stipend, admin costs	\$9,180.00
SOUTHERN U. & A&M	Tuition, stipend, admin costs	\$5,718.00
JACKSON STATE	Tuition, stipend, admin costs	\$10,507.00
MOREHOUSE COLLEGE	Tuition, stipend, admin costs	\$4,526.00
PRAIRIE VIEW A&M	Tuition, stipend, admin costs	\$4,387.00
FORT VALLEY STATE	Tuition, stipend, admin costs	\$3,295.00
JOHNSON C. SMITH	Tuition, stipend, admin costs	\$6,700.00
MOREHOUSE COLLEGE	ED/EIA Morehouse agreement	\$15,000.00
FLORIDA A&M	STUDENT TUITION ASSISTANCE, SCHOLARSHIP, AND FINANCIAL AID	\$16,600.00
LANGSTON UNIV.	STUDENT TUITION ASSISTANCE, SCHOLARSHIP, AND FINANCIAL AID	\$9,200.00
NORFOLK STATE	STUDENT TUITION ASSISTANCE, SCHOLARSHIP, AND FINANCIAL AID	\$3,900.00
SOUTHERN U. & A&M	STUDENT TUITION ASSISTANCE, SCHOLARSHIP, AND FINANCIAL AID	\$5,800.00
JACKSON STATE	STUDENT TUITION ASSISTANCE, SCHOLARSHIP, AND FINANCIAL AID	\$10,600.00
MOREHOUSE COLLEGE	STUDENT TUITION ASSISTANCE, SCHOLARSHIP, AND FINANCIAL AID	\$4,600.00
PRAIRIE VIEW A&M	STUDENT TUITION ASSISTANCE, SCHOLARSHIP, AND FINANCIAL AID	\$4,400.00
FORT VALLEY STATE	STUDENT TUITION ASSISTANCE, SCHOLARSHIP, AND FINANCIAL AID	\$3,300.00
JOHNSON C. SMITH	STUDENT TUITION ASSISTANCE, SCHOLARSHIP, AND FINANCIAL AID	\$6,700.00

Total Awards: \$760,923.00

7. DIRECT INSTITUTIONAL SUBSIDIES

<i>Recipient</i>	<i>Activity/Description</i>	<i>Award Amount</i>
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Total Awards: \$0.00

8. THIRD PARTY AWARD

<i>Recipient</i>	<i>Activity/Description</i>	<i>Award Amount</i>
OTHER - HBCU	Various Thurgood Marshall Fund.	\$50,000.00

Total Awards: \$50,000.00

9. PRIVATE SECTOR INVOLVEMENT

<i>Recipient</i>	<i>Activity/Description</i>	<i>Award Amount</i>
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Total Awards: \$0.00

10. ADMINISTRATIVE INFRASTRUCTURE

<i>Recipient</i>	<i>Activity/Description</i>	<i>Award Amount</i>
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Total Awards: \$0.00

11. OTHER

<i>Recipient</i>	<i>Activity/Description</i>	<i>Award Amount</i>
HAMPTON UNIVERSITY	Student Programs	\$50,000.00
CLAFLIN COLLEGE	Funds to support two Technical Assistance Workshops in conjunction with NSPAA.	\$15,000.00
SOUTH CAROLINA STATE UNIV.	SC State	\$56,968.52
N. C. A&T STATE	NORTH CAROLINA A&T	\$123,000.00
CLARK ATLANTA U.	DETERMINATION OF TRITIUM DISTRIBUTION DEPTHS AND TRANSPORT PROCESSES IN LARGE SOIL COLUMNS FOR FIELD SCALE EVALUATION	\$63,200.00
CENTRAL STATE	Expand and enhance student science/engineering scholarship and internship programs. Partner with Ohio State University to create a distance learning program in the stem disciplines.	\$1,476,000.00
OTHER - HBCU	EEA will focus its efforts on catalyzing changes in institutional, departmental, and organizational culture and practices in order to achieve sustainable and significant increases in recruitment, retention, and degree attainment in STEM disciplines for minority students.	\$3,936,000.00
OTHER - HBCU	Faculty and graduate and undergraduate student development utilizing the latest technology. Internships	\$1,968,000.00

Total Awards: \$7,688,168.52

Total Awards of All Categories: \$31,505,466.91

PART C. FY2008 ACTUAL PROGRAM OFFICE AWARDS TO HISTORICALLY BLACK COLLEGES AND UNIVERSITIES

Agency: Department of Energy

STATE/INSTITUTION	R&D	PE	TRAIN	F&E	FELLOW	SFA	DIS	TPA	PSI	AI	OTHER	TOTALS
<u>ALABAMA</u>												
ALABAMA A&M	\$340,923.00		\$50,000.00									\$390,923.00
ALABAMA STATE												\$0.00
BISHOP STATE COMM.												\$0.00
CARVER CAMPUS												\$0.00
CONCORDIA COLLEGE												\$0.00
FREDD STATE TECH												\$0.00
LAWSON STATE												\$0.00
MILES COLLEGE												\$0.00
OAKWOOD COLLEGE					\$13,000.00							\$13,000.00
SELMA UNIVERSITY												\$0.00
J.F. DRAKE TECH												\$0.00
STILLMAN COLLEGE												\$0.00
TALLADEGA COLLEGE												\$0.00
TRENHOLM STATE TECH												\$0.00
TUSKEGEE UNIVERSITY	\$663,687.00				\$49,000.00							\$712,687.00
<u>ARKANSAS</u>												
ARKANSAS BAPTIST												\$0.00
PHILANDER SMITH												\$0.00
SHORTER COLLEGE												\$0.00
U. OF ARKANSAS @ PB												\$0.00
<u>DELAWARE</u>												
DELAWARE STATE												\$0.00
<u>DISTRICT OF COLUMBIA</u>												
HOWARD UNIVERSITY	\$575,000.00		\$37,568.00		\$69,000.00							\$681,568.00
UNIV. OF D. C.												\$0.00
<u>FLORIDA</u>												
BETHUNE COOKMAN												\$0.00
EDWARD WATERS												\$0.00

PART C. FY2008 ACTUAL PROGRAM OFFICE AWARDS TO HISTORICALLY BLACK COLLEGES AND UNIVERSITIES

Agency: Department of Energy

STATE/INSTITUTION	R&D	PE	TRAIN	F&E	FELLOW	SFA	DIS	TPA	PSI	AI	OTHER	TOTALS
FLORIDA A&M	\$854,000.00					\$66,166.00						\$920,166.00
FLORIDA MEMORIAL												\$0.00
<u>GEORGIA</u>												
ALBANY STATE					\$13,000.00							\$13,000.00
CLARK ATLANTA U.	\$80,000.00					\$125,000.00					\$63,200.00	\$268,200.00
FORT VALLEY STATE					\$36,000.00	\$13,185.00						\$49,185.00
INTERDENOMINATIONAL THEOLOGICAL CENTER												\$0.00
MOREHOUSE COLLEGE	\$2,268,000.00		\$50,000.00		\$65,000.00	\$33,176.00						\$2,416,176.00
MOREHOUSE MEDICAL												\$0.00
MORRIS BROWN												\$0.00
PAINE COLLEGE												\$0.00
SAVANNAH STATE	\$150,000.00					\$2,600.00						\$152,600.00
SPELMAN COLLEGE					\$9,000.00							\$9,000.00
<u>KENTUCKY</u>												
KENTUCKY STATE												\$0.00
<u>LOUISIANA</u>												
DILLARD UNIVERSITY												\$0.00
GRAMBLING STATE												\$0.00
SOUTHERN U. & A&M	\$1,100,000.00	\$25,000.00			\$13,000.00	\$22,955.00						\$1,160,955.00
SOUTHERN/BATON ROUGE												\$0.00
SOUTHERN/NEW ORLEANS												\$0.00
SOUTHERN/SHREVEPORT												\$0.00
XAVIER UNIVERSITY												\$0.00
<u>MARYLAND</u>												
BOWIE STATE					\$13,000.00							\$13,000.00
COPPIN STATE												\$0.00
MORGAN STATE	\$500,000.00				\$39,000.00							\$539,000.00
U. OF MARYLAND ES					\$39,000.00							\$39,000.00

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<u>MICHIGAN</u>												
LEWIS COLLEGE OF BUS.												\$0.00
<u>MISSISSIPPI</u>												
ALCORN STATE												\$0.00
COAHOMA JR. COLLEGE												\$0.00
HINDS COMM. COLLEGE												\$0.00
JACKSON STATE						\$42,121.00						\$42,121.00
MARY HOLMES												\$0.00
MISSISSIPPI VALLEY					\$13,000.00							\$13,000.00
RUST COLLEGE												\$0.00
TOUGALOO COLLEGE												\$0.00
<u>MISSOURI</u>												
HARRIS STOWE STATE												\$0.00
LINCOLN UNIVERSITY						\$125,000.00						\$125,000.00
<u>NORTH CAROLINA</u>												
BARBER-SCOTIA												\$0.00
BENNETT COLLEGE												\$0.00
ELIZABETH CITY STATE					\$24,000.00							\$24,000.00
FAYETTEVILLE STATE												\$0.00
JOHNSON C. SMITH						\$26,800.00						\$26,800.00
LIVINGSTONE COLLEGE												\$0.00
N. C. A&T STATE	\$785,500.00	\$12,500.00			\$26,000.00						\$123,000.00	\$947,000.00
N. C. CENTRAL	\$112,627.00											\$112,627.00
ST. AUGUSTINE												\$0.00
SHAW UNIVERSITY												\$0.00
WINSTON-SALEM STATE												\$0.00
<u>OHIO</u>												
CENTRAL STATE	\$105,710.00										\$1,476,000.00	\$1,581,710.00
WILBERFORCE UNIV.	\$700,000.00											\$700,000.00

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STATE/INSTITUTION	R&D	PE	TRAIN	F&E	FELLOW	SFA	DIS	TPA	PSI	AI	OTHER	TOTALS
OKLAHOMA												
LANGSTON UNIV.	\$67,000.00					\$36,739.00						\$103,739.00
PENNSYLVANIA												
CHEYNEY UNIV.												\$0.00
LINCOLN UNIV.												\$0.00
SOUTH CAROLINA												
ALLEN UNIVERSITY	\$2,460,000.00											\$2,460,000.00
BENEDICT COLLEGE	\$984,000.00											\$984,000.00
CLAFLIN COLLEGE	\$1,968,000.00										\$15,000.00	\$1,983,000.00
CLINTON JR. COLLEGE												\$0.00
DENMARK TECH.					\$1,244,000.00							\$1,244,000.00
MORRIS COLLEGE					\$984,000.00							\$984,000.00
S. C. STATE UNIV.	\$1,968,000.00				\$9,000.00	\$138,000.00					\$56,969.00	\$2,171,969.00
VOORHEES COLLEGE			\$984,000.00									\$984,000.00
TENNESSEE												
FISK UNIV.	\$155,000.00		\$50,000.00		\$13,000.00							\$218,000.00
KNOXVILLE COLLEGE												\$0.00
MORRISTOWN CAMPUS												\$0.00
LANE COLLEGE												\$0.00
LEMOYNE-OWEN												\$0.00
MEHARRY MEDICAL												\$0.00
TENNESSEE STATE	\$915,000.00											\$915,000.00
TEXAS												
HUSTON-TILLOTSON												\$0.00
JARVIS CHRISTIAN												\$0.00
PAUL QUINN COLLEGE												\$0.00
PRAIRIE VIEW A&M	\$973,000.00				\$174,000.00	\$17,561.00						\$1,164,561.00
SAINT PHILLIP'S												\$0.00

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SOUTHWESTERN CHRIST.												\$0.00
TEXAS COLLEGE												\$0.00
TEXAS SOUTHERN												\$0.00
WILEY COLLEGE												\$0.00
<u>VIRGINIA</u>												
HAMPTON UNIV.	\$887,511.00		\$50,000.00		\$37,000.00						\$50,000.00	\$1,024,511.00
NORFOLK STATE	\$157,000.00				\$39,000.00	\$11,620.00						\$207,620.00
SAINT PAUL'S												\$0.00
VIRGINIA STATE												\$0.00
VIRGINIA UNION												\$0.00
<u>WEST VIRGINIA</u>												
BLUEFIELD STATE												\$0.00
W. VIRGINIA STATE												\$0.00
<u>U.S. VIRGIN ISLANDS</u>												
UNIV. OF THE V. I.												\$0.00
<u>VARIOUS</u>					\$56,350.00	\$100,000.00		\$50,000.00			\$5,904,000.00	\$6,110,350.00
GRAND TOTALS	\$18,769,958.00	\$37,500.00	\$1,221,568.00	\$0.00	\$2,977,350.00	\$760,923.00	\$0.00	\$50,000.00	\$0.00	\$0.00	\$7,688,169.00	\$31,505,468.00