

103^D CONGRESS
1ST SESSION

S. 991

To direct the Secretary of the Interior and the Secretary of Energy to undertake initiatives to address certain needs in the Lower Mississippi Delta Region, and for other purposes.

IN THE SENATE OF THE UNITED STATES

MAY 19 (legislative day, APRIL 19), 1993

Mr. JOHNSTON (for himself, Mr. BUMPERS, Mr. FORD, and Mr. SHELBY) introduced the following bill; which was read twice and referred to the Committee on Energy and Natural Resources

A BILL

To direct the Secretary of the Interior and the Secretary of Energy to undertake initiatives to address certain needs in the Lower Mississippi Delta Region, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*
3 That this Act may be referred to as the “Lower Mis-
4 sissippi Delta Initiatives Act of 1993”.

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Region.

1 **SEC. 2. FINDINGS.**

2 (a) The Congress finds that—

3 (1) in 1988 Congress enacted Public Law 100–
4 460, which established the Lower Mississippi Delta
5 Development Commission to assess the needs, prob-
6 lems and opportunities of people living in the Lower
7 Mississippi Delta Region which includes 219 coun-
8 ties and parishes within the States of Arkansas, Illi-
9 nois, Kentucky, Louisiana, Mississippi, Missouri,
10 and Tennessee;

11 (2) the Commission conducted a thorough in-
12 vestigation to assess these needs, problems, and op-
13 portunities, and held several public hearings
14 throughout the Lower Mississippi Delta Region;

15 (3) on the basis of these investigations, the
16 Commission issued the Delta Initiatives Report,
17 which included recommendations on natural resource

1 protection, historic preservation, and enhancing edu-
2 cational and other opportunities in the areas of
3 math and science and technology for Delta residents;

4 (4) the Delta Initiatives Report recommended
5 the implementation of pre-college enrichment pro-
6 grams in math and science as well as other initia-
7 tives to enhance the education and technical capa-
8 bilities of the Delta Region's workforce;

9 (5) the Delta Initiatives Report recommended
10 that States and local school systems seek ways of ex-
11 panding the pool of qualified educators in math and
12 sciences;

13 (6) the Delta Initiatives Report recommended
14 that institutions of higher education in the Lower
15 Mississippi Delta Region should work with local
16 school districts to promote math and science edu-
17 cation;

18 (7) the Delta Initiatives Report recommended
19 that all Federal grant making agencies target more
20 research and development monies in selected areas
21 to institutions of higher education, including Histori-
22 cally Black Colleges and Universities, in the Lower
23 Mississippi Delta Region;

24 (8) the Delta Initiatives Report recommended
25 that institutions of higher education establish a re-

1 regional consortium to provide technical assistance and
2 training to increase international trade between
3 businesses in the Delta Region and other countries;

4 (9) the Commission included recommendations
5 for designation of the Great River Road as a scenic
6 byway, and for the designation of other hiking and
7 motorized trails throughout the Lower Mississippi
8 Delta Region;

9 (10) the Delta Initiatives Report recommended
10 that the Federal government identify sites of historic
11 and prehistoric importance throughout the Lower
12 Mississippi Delta Region;

13 (11) the Delta Initiatives Report recommended
14 the further study of potential new units of the Na-
15 tional Park System within the Lower Mississippi
16 Delta Region;

17 (12) the Delta Initiatives Report recommended
18 that the Federal government should create economic
19 incentives to encourage the location of value-added
20 facilities for processing agricultural products within
21 the Lower Mississippi Delta Region; and

22 (13) the Delta Initiatives Report recommended
23 that Congress provide practical incentives to encour-
24 age the construction of alternative fuel production
25 facilities in the region.

1 **SEC. 3. DEFINITIONS.**

2 As used in this Act, the term—

3 (1) “Commission” means the Lower Mississippi
4 Delta Development Commission established pursuant
5 to Public Law 100–460;

6 (2) “Delta Initiatives Report” means the Final
7 Report of the Commission entitled “The Delta Ini-
8 tiatives: Realizing the Dream . . . Fulfilling the
9 Potential” and dated May 14, 1990;

10 (3) “Delta Region” means the Lower Mis-
11 sissippi Delta Region including the 219 counties and
12 parishes within the States of Arkansas, Illinois, Ken-
13 tucky, Louisiana, Mississippi, Missouri, and Ten-
14 nessee, as defined in the “Final Report The Delta
15 Initiatives: A Report by the Lower Mississippi Delta
16 Development Commission” dated May 14, 1990, ex-
17 cept that, for any State for which the Delta Region
18 as defined in such report comprises more than half
19 of the geographic area of such State, the entire
20 State shall be considered as part of the Delta Region
21 for purposes of this Act;

22 (4) “disadvantaged” has the same meaning as
23 that term has in section 8(a) (5) and (6) of the
24 Small Business Act (15 U.S.C. 637(a) (5) and (6));

25 (5) “Historically Black College or University”
26 means a college or university that would be consid-

1 ered a ‘part B institution’ by section 322(2) of the
2 Higher Education Act of 1965 (20 U.S.C. 1061(2));
3 and

4 (6) “minority college or university” means a
5 historically black college or university that would be
6 considered a “part B institution” by section 322(2)
7 of the Higher Education Act of 1965 (20 U.S.C.
8 1061(2)) or any other institution of higher education
9 where enrollment includes a substantial percentage
10 of students who are disadvantaged.

11 **TITLE I—INITIATIVES WITHIN THE**
12 **DEPARTMENT OF THE INTERIOR**

13 **SEC. 101. DEFINITIONS.**

14 As used in this title, the term—

15 (1) “Department” means the United States De-
16 partment of the Interior, unless otherwise specifi-
17 cally stated; and

18 (2) “Secretary” means the Secretary of the In-
19 terior, unless otherwise specifically stated.

20 **SEC. 102. NATURAL RESOURCES AND ENVIRONMENTAL**
21 **EDUCATION INITIATIVES.**

22 (a) **MINORITY COLLEGES OR UNIVERSITY INITIA-**
23 **TIVE.**—(1) Within one year after the date of the enact-
24 ment of this Act, and annually thereafter, the Secretary
25 shall submit to the Committee on Energy and Natural Re-

1 sources of the United States Senate and to the United
2 States House of Representatives a report addressing op-
3 portunities for minority colleges and universities to par-
4 ticipate in programs and activities carried out by the De-
5 partment. The Secretary shall consult with representatives
6 of minority colleges or universities in preparing the report.

7 Such report shall—

8 (A) describe current education and training
9 programs carried out by the Department with re-
10 spect to, or in conjunction with, minority colleges or
11 universities in the areas of natural resources, the en-
12 vironment, the sciences, cultural resource manage-
13 ment, historic preservation, archeology, and related
14 subjects;

15 (B) describe current research, development or
16 demonstration programs involving the Department
17 and minority colleges or universities;

18 (C) describe funding levels for the programs re-
19 ferred to in subparagraphs (A) and (B);

20 (D) identify ways for the Department to assist
21 minority colleges or universities in providing edu-
22 cation and training in the fields of natural resources,
23 the environment, the sciences, cultural resource
24 management, historic preservation, archeology, and
25 related subjects;

1 (E) make specific proposals and recommenda-
2 tions for providing assistance to minority colleges
3 and universities to enter into memoranda of under-
4 standing and other appropriate forms of agreement
5 with the Department in order to plan and develop
6 programs to foster greater involvement of these
7 schools in the contract, research, education, training,
8 and recruitment activities of the Department;

9 (F) address the need for, and potential role of,
10 the Department in providing minority colleges or
11 universities with:

12 (i) increased research opportunities for fac-
13 ulty and students;

14 (ii) assistance in faculty development and
15 recruitment;

16 (iii) curriculum enhancement and develop-
17 ment; and

18 (iv) improved laboratory instrumentation
19 and equipment, through purchase, loan, or
20 other transfer mechanisms;

21 (G) address the need for and potential role of
22 the Department in providing financial and technical
23 assistance for the development of infrastructure, in-
24 cluding buildings and laboratory facilities, at minor-
25 ity colleges and universities; and

1 (H) make specific proposals and recommenda-
2 tions, together with estimates of necessary funding
3 levels, for initiatives to be carried out by the Depart-
4 ment in order to assist minority colleges and univer-
5 sities in providing education and training in the
6 areas of natural resources, the environment, the
7 sciences, cultural resource management, historic
8 preservation, archeology, and related subjects, and
9 in order to enter into memoranda of understanding
10 and other appropriate forms of agreement with the
11 Department as referred to in subparagraph (E).

12 (2) The Secretary shall encourage memoranda of un-
13 derstanding and other appropriate forms of agreement be-
14 tween the Department and minority colleges and univer-
15 sities directed at jointly planning and developing programs
16 to foster greater involvement of minority colleges and uni-
17 versities in research, education, training, and recruitment
18 activities of the Department.

19 (b) SCHOLARSHIP PROGRAM.—The Secretary shall
20 establish a scholarship program for students pursuing de-
21 grees in natural resource and environmental related fields,
22 including but not limited to: biology, wildlife biology, for-
23 estry, botany, horticulture, historic preservation, cultural
24 resource management, archeology, anthropology, geology,
25 petroleum engineering, the environment, the sciences, and

1 ecology, at colleges and universities in the Delta Region.
2 The scholarship program shall include tuition assistance.
3 Recipients of such scholarships shall be students deemed
4 by the Secretary to have demonstrated (1) a need for fi-
5 nancial assistance and (2) academic potential in the par-
6 ticular area of study.

7 (c) PRE-COLLEGE ENRICHMENT.—The Secretary
8 shall undertake activities to encourage pre-college enrich-
9 ment programs in subjects relating to natural resources,
10 the environment, the sciences, cultural resource manage-
11 ment, historic preservation, archeology, and related sub-
12 jects, for students in the Delta Region. Such activities
13 shall include, but not be limited to the following:

14 (1) cooperation with, and assistance to, State
15 departments of education and local school districts
16 in the Delta Region to develop and carry out after
17 school and summer enrichment programs for ele-
18 mentary, middle, and secondary school students in
19 subjects relating to natural resources, the environ-
20 ment, the sciences, cultural resource management,
21 historic preservation, archeology, and related sub-
22 jects;

23 (2) cooperation with, and assistance to, institu-
24 tions of higher education in the Delta Region to de-
25 velop and carry out pre-college enrichment programs

1 in subjects relating to natural resources, the envi-
2 ronment, the sciences, cultural resource manage-
3 ment, historic preservation, archeology, and related
4 subjects, for middle and secondary students;

5 (3) cooperation with, and assistance to, State
6 departments of education and local school districts
7 in the Delta Region in the development and use of
8 curriculum and educational materials in subjects re-
9 lating to natural resources, the environment, the
10 sciences, cultural resource management, historic
11 preservation, archeology, and related subjects; and

12 (4) the establishment of enrichment programs
13 in subjects relating to natural resources, the envi-
14 ronment, the sciences, cultural resource manage-
15 ment, historic preservation, archeology, and related
16 subjects, for elementary, middle, and secondary
17 school teachers in the Delta Region at research fa-
18 cilities of the Department.

19 (d) VOLUNTEER PROGRAM.—The Secretary shall es-
20 tablish and carry out a program to encourage the involve-
21 ment on a voluntary basis of qualified employees of the
22 Department in education enrichment programs relating to
23 natural resources, the environment, the sciences, cultural
24 resource management, historic preservation, archeology,
25 and related subjects, in cooperation with State depart-

1 ments of education and local school districts in the Delta
2 Region.

3 (e) WOMEN AND MINORITIES IN THE SCIENCES.—

4 The Secretary shall establish and carry out a program to
5 encourage women and minority students in the Delta Re-
6 gion to study and pursue careers in the sciences.

7 (f) COORDINATION WITH OTHER FEDERAL AGEN-

8 CIES.—The Secretary shall ensure that the programs au-
9 thorized in this section are coordinated with, and com-
10 plimentary to, education assistance programs adminis-
11 tered by other Federal agencies in the Delta Region.

12 These agencies include, but are not limited to, the Depart-
13 ment of Energy, the Department of Agriculture, the De-
14 partment of Education, the National Science Foundation,
15 and the National Aeronautics and Space Administration.

16 (g) AUTHORIZATION OF APPROPRIATIONS.—(1)

17 There is hereby authorized to be appropriated such sums
18 as may be necessary to carry out the purpose of this
19 section.

20 (2) There is hereby authorized to be appropriated for
21 the purposes of carrying out the memoranda of under-
22 standing and other appropriate forms of agreement
23 referred to in paragraph (a)(2) of section 102 and for
24 related facilities and equipment, such sums as may be
25 necessary.

1 **SEC. 103. LOWER MISSISSIPPI DELTA REGION HERITAGE**
2 **STUDY.**

3 (a) IN GENERAL.—The Secretary is directed to pre-
4 pare and transmit to the Congress a study of significant
5 natural, recreational, historical or prehistorical, and cul-
6 tural lands, waters, and structures located within the
7 Delta Region.

8 (b) TRANSPORTATION ROUTES.—(1) The study shall
9 include recommendations on appropriate designation and
10 interpretation of historically significant roads, trails, by-
11 ways, waterways, or other routes within the Delta Region.

12 (2) In order to provide for public appreciation, edu-
13 cation, understanding, interpretation, and enjoyment of
14 the nationally significant sites identified pursuant to sub-
15 section (a), which are accessible by public roads, the Sec-
16 retary shall recommend in the study vehicular tour routes
17 along existing public roads linking such sites within the
18 Delta Region.

19 (3) Such recommendations shall include an analysis
20 of designating the Great River Road (as depicted on the
21 map entitled “Proposed Delta Transportation Network”
22 on pages 102–103 of the Delta Initiatives Report) and
23 other sections of the River Road between Baton Rouge
24 and New Orleans, Louisiana and an analysis of designat-
25 ing that portion of El Camino Real which extends along
26 Highway 84 from Vidalia, Louisiana, to Clarence, Louisi-

1 ana, and Louisiana Highway 6 from Clarence, Louisiana,
2 to the Toledo Bend Reservoir as a National Scenic Byway,
3 or as a component of the National Trails System, or such
4 other designation as the Secretary deems appropriate.

5 (4) The Secretary shall also recommend in the study
6 an appropriate route along existing public roads to com-
7 memorate the importance of timber production and trade
8 to the economic development of the region in the early
9 twentieth century, including an analysis of designating
10 that portion of US 165 which extends from Alexandria,
11 Louisiana, to Monore, Louisiana, as a National Scenic
12 Byway, or as a component of the National Trails System,
13 or such other designation as the Secretary deems appro-
14 priate.

15 (5) The Secretary shall also develop a comprehensive
16 recreation, interpretive, and visitor use plan for the routes
17 described in the above paragraphs, including bicycle and
18 hiking paths, and make specific recommendations for the
19 acquisition and construction of related interpretive and
20 visitor information facilities at selected sites along such
21 routes.

22 (6)(A) In furtherance of the purposes of this sub-
23 section, the Secretary is authorized to make grants to
24 States for work necessary to stabilize, maintain, and widen
25 such public roads to allow for adequate access to the na-

1 tionally significant sites identified by the study, to allow
2 for proper utilization of the vehicular tour route, trails,
3 byways, or other public roads within the Lower Mississippi
4 Delta Region and to implement the comprehensive recre-
5 ation, interpretive, and visitor use plan required in para-
6 graph (5).

7 (B) For the purposes of this paragraph, the term
8 “Secretary” shall mean the Secretary of the Interior act-
9 ing through the Secretary of Transportation.

10 (c) LISTING.—On the basis of the study, the Sec-
11 retary shall prepare a list of the most appropriate sites,
12 including an analysis of the suitability and feasibility of
13 their inclusion in the National Park System, or for des-
14 ignation as a National Historic Landmark, or such other
15 designation, as the Secretary deems appropriate.

16 (d) COMPLETION DATE.—The study shall be com-
17 pleted not later than three years after the date funds are
18 made available for the study.

19 (e) AUTHORIZATION OF APPROPRIATIONS.—There is
20 hereby authorized to be appropriated such sums as may
21 be necessary to carry out the purposes of this section.

22 **SEC. 104. DELTA HERITAGE TRAILS AND CULTURAL CEN-**
23 **TERS.**

24 (a) FINDINGS.—The Congress finds that—

1 (1) in 1990, the Congress authorized the Insti-
2 tute of Museum Services to prepare a report assess-
3 ing the needs of small, emerging, minority, and rural
4 museums in order to identify the resources such mu-
5 seums needed to meet their educational mission, to
6 identify the areas of museum operation in which the
7 needs were greatest, and to make recommendations
8 on how these needs could best be met;

9 (2) the Institute of Museum Services undertook
10 a comprehensive eighteen-month study of such needs
11 with the assistance of two advisory groups, surveyed
12 five hundred and twenty-four museums from
13 throughout the Nation, held discussion groups in
14 which representatives of twenty-five museum groups
15 participated, and conducted case studies of twelve
16 museum facilities around the Nation;

17 (3) on the basis of this assessment, the Insti-
18 tute of Museum Services issued a report entitled Na-
19 tional Needs Assessment of Small, Emerging, Minor-
20 ity and Rural Museums in the United States in Sep-
21 tember 1992, which found that small, emerging, mi-
22 nority, and rural museums provide valuable edu-
23 cational and cultural resources for their communities
24 and contain a reservoir of the Nation's material, cul-
25 tural, and scientific heritage, but due to inadequate

1 resources are unable to meet their full potential or
2 the demands of the surrounding communities;

3 (4) the needs of these institutions are not being
4 met through existing Federal programs;

5 (5) fewer than half of the participants in the
6 survey had applied for Federal assistance in the past
7 two years and that many believe existing Federal
8 programs do not meet their needs;

9 (6) based on the national needs assessment,
10 that funding agencies should increase support avail-
11 able to small, emerging, minority, and rural muse-
12 ums and make specific recommendations for increas-
13 ing technical assistance in order to identify such in-
14 stitutions and provide assistance to facilitate their
15 participation in Federal programs;

16 (7) the May 1990 Delta Initiatives Report
17 made specific recommendations for the creation and
18 development of centers for the preservation of the
19 cultural, historical, scientific, and literary heritage of
20 the Delta area, including recommendations for the
21 establishment of a Native American Cultural Center
22 and a Delta African American Cultural museum
23 with additional satellite museums linked throughout
24 the delta; and

1 (8) the Delta Initiatives Report stated that new
2 ways of coordinating, preserving, and promoting the
3 Delta Region's literature, art, and music should be
4 established including the creation of a network to
5 promote the region's literary, artistic, and musical
6 heritage.

7 (b) IN GENERAL.—(1) The Secretary is directed to
8 prepare and transmit to the Congress, in consultation with
9 the States of the Delta Region, a study outlining specific
10 recommendations, including recommendations for nec-
11 essary funding, for the establishment of a Native Amer-
12 ican Heritage Route and a Delta African American Herit-
13 age Trail in the Delta Region as identified on pages 148
14 and 149 of the Delta Initiatives Report.

15 (2) The Secretary, in consultation with the Chairman
16 of the National Endowment for the Arts, is further di-
17 rected to prepare and transmit to the Congress a report
18 outlining specific recommendations, including rec-
19 ommendations for necessary funding, for the establish-
20 ment of a Native American Heritage Cultural Center, a
21 Delta African American Heritage and Cultural Center
22 with a network of satellite or cooperative units, and an
23 appropriate arrangement to serve as a clearinghouse for
24 providing incremental financial and technical assistance to
25 small, emerging, rural or minority institutions seeking to

1 preserve the Delta Region's literary, artistic, and musical
2 heritage.

3 (c) NATIVE AMERICAN ROUTE AND CENTER.—(1)
4 The study referred to in subsection (b) of this section shall
5 include recommendations for establishing a network of ar-
6 chaeological parks and museums in the Delta Region, in-
7 cluding a master plan and ten year development strategy
8 for such network.

9 (2) Such study shall include specific proposals for the
10 development of a Native American Heritage and Cultural
11 Center in the Delta Region, along with recommendations
12 for the appropriate Federal role in such a center including
13 matching grants, technical and interpretive assistance.

14 (3) Such study shall be conducted in consultation
15 with tribal leaders.

16 (4) Such study shall also include specific proposals
17 for educational and training assistance for Native Ameri-
18 cans to carry out the recommendations provided in the
19 study.

20 (d) DELTA REGION AFRICAN AMERICAN HERITAGE
21 TRAIL AND CULTURAL CENTER.—(1) The study referred
22 to in subsection (b) of this section shall include rec-
23 ommendations for establishing a heritage corridor or trail
24 system, consisting of one or two major north-south routes
25 and several east-west-spur loops to preserve, interpret and

1 commemorate the rich African American heritage and cul-
2 ture in the Delta Region during all significant historical
3 periods.

4 (2) Such study shall make specific recommendations
5 for representing all forms of expressive culture including
6 the musical, folklife, literary, artistic, scientific, historical,
7 educational, and political contributions and accomplish-
8 ments of African Americans in the Delta Region.

9 (3) Such study shall also include specific rec-
10 ommendations for providing assistance to strengthen ex-
11 isting institutions as well as the inclusion of sites of histor-
12 ical and cultural importance on the campuses of Histori-
13 cally Black Colleges and Universities in the Delta.

14 (4) Such study shall make specific recommendations
15 for implementing the findings of the Delta Initiatives Re-
16 port with respect to establishing an African American
17 Heritage and Cultural Center and related satellite muse-
18 ums in the Delta Region, together with specific funding
19 levels necessary to carry out these recommendations and
20 shall also include recommendations for improving access
21 of small, emerging, minority or rural museums to tech-
22 nical, incremental financial assistance.

23 (5) Such study shall be conducted in consultation
24 with institutions of higher education in the Delta Region

1 with expertise in African American studies, Southern
2 studies, anthropology, history, and other relevant fields.

3 (6) Such study shall make specific recommendations
4 for improving educational programs offered by existing
5 cultural facilities and museums as well as establishing new
6 outreach programs for elementary, middle and secondary
7 schools, including summer programs for youth in the
8 Delta Region.

9 (7) Such study shall also include specific rec-
10 ommendations, together with specific funding levels nec-
11 essary to implement such recommendations, for training
12 museum professionals at small, emerging, minority, and
13 rural museums, for upgrading exhibitions, and for any
14 other steps necessary to assure the integrity of collections
15 in these facilities.

16 (e) COMPREHENSIVE FOLKLIFE SURVEY.—(1) IN
17 GENERAL.—The Secretary, in consultation with the Chair-
18 man of the National Endowment of the Arts and the
19 States of the Delta Region, shall undertake a comprehen-
20 sive regional survey to document and identify regional
21 folklife within the Delta Region.

22 (2) Such survey shall include an assessment of exist-
23 ing marketing programs for folklife and crafts in the re-
24 gion as well as recommendations for developing an im-
25 proved, regional approach to marketing crafts and folklife

1 programs, including the development of a common logo for
2 signs and materials as recommended in the Delta Initia-
3 tives Report.

4 (f) COMPLETION DATE.—The study, report, and sur-
5 vey authorized in subsections (b), (d), and (e) shall be
6 completed not later than three years after the date funds
7 are made available for such study, report, and survey.

8 (g) AUTHORIZATION OF APPROPRIATIONS.—There is
9 authorized to be appropriate such sums as may be nec-
10 essary to carry out the purposes of this section.

11 **SEC. 105. HISTORIC AND PREHISTORIC STRUCTURES SUR-**
12 **VEY.**

13 (a) The Secretary shall provide technical and incre-
14 mental financial assistance to Historically Black Colleges
15 and Universities to undertake a comprehensive survey of
16 historic and prehistoric structures located on their cam-
17 puses, including recommendations as to the inclusion of
18 appropriate structures on the National Register of His-
19 toric Places, designation as National Historic Landmarks,
20 or other appropriate designation as determined by the Sec-
21 retary. The Secretary shall further make specific proposals
22 and recommendations, together with estimates of nec-
23 essary funding levels, for a Comprehensive Plan to be car-
24 ried out by the Department to assist Historically Black

1 Colleges and Universities in the preservation and interpre-
2 tation of such structures.

3 (b) AUTHORIZATION OF APPROPRIATIONS.—There is
4 authorized to be appropriated such sums as may be nec-
5 essary to carry out the purposes of this section.

6 **TITLE II—INITIATIVES WITHIN THE**
7 **DEPARTMENT OF ENERGY**

8 **SEC. 201. DEFINITIONS.**

9 As used in this title, the term—

10 (1) “Center” means the Delta Energy Tech-
11 nology and Business Development Center;

12 (2) “Department” means the United States De-
13 partment of Energy, unless otherwise specifically
14 stated;

15 (3) “departmental laboratory” means a facility
16 operated by or on behalf of the Department of En-
17 ergy that would be considered a laboratory as that
18 term is defined in section 12 of the Stevenson-
19 Wydler Technology Innovation Act of 1980 (15
20 U.S.C. 3710(d)(2)) or other laboratory or facility
21 the Secretary designates;

22 (4) “partnership” means an arrangement under
23 which the Secretary or one or more departmental
24 laboratories undertakes research, development, dem-
25 onstration, commercial application activities, or tech-

1 nical assistance for the mutual benefit of the part-
2 ners in cooperation with one or more participants of
3 which one or more is a non-Federal partner from
4 among the following: an educational institution, pri-
5 vate sector entity, or State or local governmental
6 entity;

7 (5) “persons in the Delta Region” means an
8 entity primarily located in the Delta Region, the
9 controlling interest (as defined by the Secretary) of
10 which is held by persons of the United States,
11 including:

12 (A) a for-profit business;

13 (B) a private foundation;

14 (C) a non-profit organization such as a
15 university;

16 (D) a trade or professional society;

17 (E) a tribal government; or

18 (F) a unit of State or local government;

19 and

20 (6) “Secretary” means the Secretary of Energy,
21 unless otherwise specifically stated.

22 **SEC. 202. DELTA ENERGY TECHNOLOGY AND BUSINESS DE-**
23 **VELOPMENT CENTER.**

24 (a) ESTABLISHMENT.—The Secretary shall establish
25 at Louisiana State University in partnership with South-

1 ern University in Baton Rouge, Louisiana, and other insti-
2 tutions of higher education in the Delta Region, the Delta
3 Energy Technology and Business Development Center.

4 (b) PURPOSE.—The purpose of the Center shall be
5 to:

6 (1) retain and create energy manufacturing and
7 related energy service jobs in the Delta Region;

8 (2) encourage the export of energy resources
9 and technologies, including services related thereto,
10 from the Delta Region;

11 (3) develop markets for energy resources and
12 technologies from the Delta Region to be used in
13 meeting the energy resource and technology needs of
14 foreign countries;

15 (4) ensure the successful, long-term market
16 penetration of energy resources and technologies
17 from the Delta Region into foreign countries;

18 (5) better ensure that United States participa-
19 tion in energy-related projects in foreign countries
20 includes the participation of persons in the Delta
21 Region as well as the utilization of energy resources
22 and technologies that have been developed, dem-
23 onstrated, and manufactured in the Delta Region;
24 and

1 (6) assist persons in the Delta Region to obtain
2 opportunities to transfer energy technologies to, or
3 undertake projects in, foreign countries.

4 (c) GENERAL.—The Center shall—

5 (1) identify and establish flexible manufacturing
6 networks in consultation with the States of the Delta
7 Region to promote the development of energy re-
8 sources and technologies that have the potential to
9 expand technology development, manufacturing, and
10 exports in the Delta Region;

11 (2) provide technical, business, training, mar-
12 keting, and other assistance to persons in the Delta
13 Region;

14 (3) develop a comprehensive database and infor-
15 mation dissemination system, that will provide infor-
16 mation on the specific energy resources and tech-
17 nologies of the Delta Region, as well as opportuni-
18 ties for Delta Region firms in the domestic and
19 international markets;

20 (4) establish a network of business and tech-
21 nology incubators to promote the design, manufac-
22 ture, and sale of energy resources and technologies;
23 and

1 (5) enter into contracts and cooperative agree-
2 ments with persons in the Delta Region to carry out
3 these objectives.

4 (d) ASSISTANCE FROM THE SECRETARY.—The Sec-
5 retary is authorized to provide the Center assistance in
6 obtaining such personnel, equipment, and facilities as may
7 be needed by the Center to carry out its activities.

8 (e) GRANTS.—The Secretary is authorized to make
9 grants to the Center to support the creation of flexible
10 manufacturing networks as identified in subsection (c)
11 and to develop the comprehensive database described in
12 paragraph (c)(3) in order to electronically link the Center
13 with other institutions of higher education in the Delta
14 Region, and to support the training, marketing, and other
15 related activities of the Center.

16 (f) GENERAL PROVISIONS.—

17 (1) ACCEPTANCE OF GRANTS AND TRANS-
18 FERS.—The Center may accept—

19 (A) grants and donations from private in-
20 dividuals, groups, organizations, corporations,
21 foundations, State and local governments, and
22 other entities; and

23 (B) transfers of funds from other Federal
24 agencies.

1 (2) CONTRACTS AND COOPERATIVE AGREE-
2 MENTS.—Subject to appropriations, the Center may
3 enter into contracts and cooperative agreements with
4 the Federal Government or persons in the Delta Re-
5 gion to carry out the Center’s responsibilities.

6 (g) AUTHORIZATION OF APPROPRIATIONS.—There
7 are authorized to be appropriated such sums as may be
8 necessary for the establishment, operation, construction,
9 and maintenance of the Center.

10 **SEC. 203. INSTITUTIONAL CONSERVATION PROGRAM FOR**
11 **THE LOWER MISSISSIPPI DELTA REGION.**

12 (a) IN GENERAL.—Title III of the Energy Policy and
13 Conservation Act (Public Law 94–163 as amended) is
14 amended—

15 (1) by adding a new section 400K as follows:

16 “INSTITUTIONAL CONSERVATION PROGRAM FOR THE
17 LOWER MISSISSIPPI DELTA REGION

18 “SEC. 400K. (a) PURPOSE.—The purpose of this sec-
19 tion is to encourage energy conservation measures in the
20 schools and hospitals in the Lower Mississippi Delta Re-
21 gion.

22 “(b) GRANTS FOR ESTABLISHMENT OF PROGRAM.—
23 Not later than 12 months after the date of the enactment
24 of the Lower Mississippi Delta Initiatives Act of 1993, the
25 Secretary shall make grants to schools or hospitals, or to
26 consortiums consisting of a school or hospital and one or

1 more of the following: State or local government; local edu-
2 cation agency; State hospital facilities agency; or State
3 schools facility agency; for purposes of conducting innova-
4 tive energy conservation projects and providing supple-
5 mental Federal financing for energy conservation projects
6 at schools and hospitals in the Lower Mississippi Delta
7 Region.

8 “(c) APPLICATIONS.—(1) Applications of schools or
9 hospitals for grants for energy conservation projects under
10 this section shall be made not more than once for any fis-
11 cal year. Such applications shall be submitted to the State
12 energy agency, in consultation with the Planning and De-
13 velopment Districts in the Lower Mississippi Delta Re-
14 gion, and the State energy agency shall make a single sub-
15 mittal to the Secretary containing all applications which
16 comply with subsection (e).

17 “(2) Applications for grants for energy conservation
18 projects shall contain, or be accompanied by, such infor-
19 mation as the Secretary may reasonably require.

20 “(d) SELECTION OF PROPOSALS.—(1) Not later than
21 one year after the date of the enactment of the Lower
22 Mississippi Delta Initiatives Act of 1993, the Secretary
23 shall select at least seven, but not more than 21, proposals
24 from States to receive grants under subsection (b).

1 “(2) The Secretary may select more than 21 propos-
2 als under this subsection, if the Secretary determines that
3 the total amount of available funds is not likely to be oth-
4 erwise utilized.

5 “(3) No one State shall receive less than one, or more
6 than four, grants under subsection (b).

7 “(4) Such grants shall be in addition to such grants
8 as would otherwise be provided under Part G of this Act.

9 “(5) No one grant proposal under this section shall
10 receive a consideration greater than \$2,000,000.

11 “(e) SELECTION CRITERIA.—The Secretary shall se-
12 lect recipients of grants under this section on the basis
13 of the following criteria:

14 “(1) the location of the grant recipient in the
15 States of the Lower Mississippi Delta Region;

16 “(2) the demonstrated or potential resources
17 available to the grant recipient for carrying out the
18 purposes of this section; and

19 “(3) the demonstrated or potential ability of the
20 grant recipient to improve energy efficiency in the
21 designated school or hospital.

22 “(f) DEFINITION.—For purposes of this section, the
23 term ‘Lower Mississippi Delta Region’ means that region
24 consisting of the 219 counties and parishes within the
25 States of Arkansas, Illinois, Kentucky, Louisiana, Mis-

1 sissippi, Missouri, and Tennessee, as defined in the ‘Final
2 Report The Delta Initiatives: A Report by the Lower Mis-
3 sissippi Delta Development Commission’ dated May 14,
4 1990, except that, for any State for which the Delta Re-
5 gion as defined in such report comprises more than half
6 of the geographic area of such State, the entire State shall
7 be considered as part of the Delta Region for purposes
8 of this Act.

9 “(g) AUTHORIZATION OF APPROPRIATIONS.—There
10 is authorized to be appropriated for purposes of carrying
11 out this section, to remain available until expended, not
12 more than \$20,000,000 for each of fiscal years 1994,
13 1995, and 1996.”.

14 **SEC. 204. ENERGY RELATED EDUCATION INITIATIVES.**

15 (a) MINORITY COLLEGE AND UNIVERSITY RE-
16 PORT.—Within one year after the date of enactment of
17 this Act, and annually thereafter, the Secretary shall sub-
18 mit to the Committee on Energy and Natural Resources
19 of the United States Senate and to the United States
20 House of Representatives a report addressing opportuni-
21 ties for minority colleges and universities to participate in
22 programs and activities being carried out by the Depart-
23 ment or the departmental laboratories. The Secretary
24 shall consult with representatives of minority colleges and
25 universities in preparing the report. Such report shall—

1 (1) describe current education and training pro-
2 grams being carried out by the Department or the
3 departmental laboratories with respect to or in con-
4 junction with minority colleges and universities in
5 the areas of mathematics, science, and engineering;

6 (2) describe current research, development or
7 demonstration programs involving the Department
8 or the departmental laboratories and minority col-
9 leges and universities;

10 (3) describe funding levels for the programs re-
11 ferred to in paragraphs (1) and (2);

12 (4) identify ways for the Department or the de-
13 partmental laboratories to assist minority colleges
14 and universities in providing education and training
15 in the fields of math, science, and engineering;

16 (5) identify ways for the Department or the de-
17 partmental laboratories to assist minority colleges
18 and universities in entering into partnerships;

19 (6) address the need for and potential role of
20 the Department or the departmental laboratories in
21 providing minority colleges and universities:

22 (A) increased research opportunities for
23 faculty and students;

1 (B) assistance in faculty development and
2 recruitment and curriculum enhancement and
3 development; and

4 (C) laboratory instrumentation and equip-
5 ment, including computer equipment, through
6 purchase, loan, or other transfer;

7 (7) address the need for and potential role of
8 the Department or departmental laboratories in pro-
9 viding funding and technical assistance for the devel-
10 opment of infrastructure facilities, including build-
11 ings and laboratory facilities at minority colleges
12 and universities; and

13 (8) make specific proposals and recommenda-
14 tions, together with estimates of necessary funding
15 levels, for initiatives to be carried out by the Depart-
16 ment or the departmental laboratories to assist mi-
17 nority colleges and universities in providing edu-
18 cation and training in the areas of mathematics,
19 science, and engineering, and in entering into part-
20 nerships with the Department or departmental lab-
21 oratories.

22 (b) PARTNERSHIPS.—The Secretary shall encourage
23 partnerships that involve minority colleges or universities
24 or private sector entities owned or controlled by disadvan-
25 taged individuals.

1 (c) SCHOLARSHIP PROGRAMS.—

2 (1) MINORITY COLLEGES OR UNIVERSITIES.—

3 The Secretary shall establish a scholarship program
4 for students attending minority colleges or univer-
5 sities and pursuing a degree in energy-related sci-
6 entific, mathematical, engineering, and technical dis-
7 ciplines. The program shall include tuition assist-
8 ance. The program shall provide an opportunity for
9 the scholarship recipient to participate in an applied
10 work experience in a departmental laboratory. Re-
11 cipients of such scholarships shall be students
12 deemed by the Secretary to have demonstrated (1)
13 a need for financial assistance and (2) academic po-
14 tential in the particular area of study.

15 (2) DELTA REGION.—The Secretary shall estab-
16 lish a scholarship program for students pursuing de-
17 grees in energy-related scientific, mathematical, en-
18 gineering, and technical disciplines at colleges and
19 universities in the Delta Region. The scholarship
20 program shall include tuition assistance. Recipients
21 of such scholarships shall be students deemed by the
22 Secretary to have demonstrated (1) a need for finan-
23 cial assistance and (2) potential in the particular
24 area of study.

1 (d) PRE-COLLEGE ENRICHMENT.—The Secretary
2 shall undertake activities to encourage pre-college enrich-
3 ment programs in energy-related scientific, mathematical,
4 engineering, and technical disciplines for students in the
5 Delta Region. Such activities shall include, but not be lim-
6 ited to the following:

7 (1) cooperation with, and assistance to, State
8 departments of education and local school districts
9 in the Delta Region to develop and carry out after
10 school and summer enrichment programs for ele-
11 mentary, middle, and secondary school students in
12 energy-related scientific, mathematical, engineering,
13 and technical disciplines;

14 (2) cooperation with, and assistance to, institu-
15 tions of higher education in the Delta Region to de-
16 velop and carry out pre-college enrichment programs
17 in energy related scientific, mathematical, engineer-
18 ing, and technical disciplines for middle and second-
19 ary students;

20 (3) cooperation with, and assistance to, State
21 departments of education and local school districts
22 in the Delta Region in the development and use of
23 curriculum and educational materials in energy-re-
24 lated scientific, mathematical, engineering, and tech-

1 nical disciplines for middle and secondary students;
2 and

3 (4) the establishment of enrichment programs
4 in subjects relating to energy-related scientific,
5 mathematical, engineering, and technical disciplines
6 for elementary, middle, and secondary school teach-
7 ers in the Delta Region at research facilities of the
8 Department of Energy.

9 (e) VOLUNTEER PROGRAM.—The Secretary shall es-
10 tablish and carry out a program to encourage the involve-
11 ment on a voluntary basis of qualified employees of the
12 Department in education enrichment programs relating to
13 energy-related scientific, mathematical, engineering, and
14 technical disciplines, in cooperation with State depart-
15 ments of education and local school districts in the Delta
16 Region.

17 (f) WOMEN AND MINORITIES IN THE SCIENCES.—
18 The Secretary shall establish and carry out a program to
19 encourage women and minority students in the Delta Re-
20 gion to study and pursue careers in the sciences, mathe-
21 matics, engineering and technical disciplines.

22 (g) COORDINATION WITH OTHER FEDERAL AGEN-
23 CIES.—The Secretary shall ensure that the programs au-
24 thorized in this section are coordinated with, and com-
25 plimentary to, education assistance programs adminis-

1 tered by other Federal agencies in the Delta Region.
2 These agencies include, but are not limited to, the Depart-
3 ment of the Interior, the Department of Agriculture, the
4 Department of Education, the National Science Founda-
5 tion, and the National Aeronautics and Space Administra-
6 tion.

7 (h) AUTHORIZATION OF APPROPRIATIONS.—(1)
8 There is hereby authorized to be appropriated such sums
9 as may be necessary to carry out the purposes of this sec-
10 tion.

11 (2) There is hereby authorized to be appropriated for
12 the purposes of carrying out the partnerships referred to
13 in paragraph (b) and for related facilities and equipment,
14 such sums as may be necessary.

15 **SEC. 205. INTEGRATED BIOMASS ENERGY SYSTEMS.**

16 (a) PROGRAM DIRECTION.—The Secretary, in con-
17 sultation with the Secretary of Agriculture, shall conduct
18 a research and demonstration program to determine the
19 economic viability of integrated biomass energy systems
20 within the Delta Region.

21 (b) PROGRAM PLAN.—Not later than six months
22 after the date of enactment of this Act, the Secretary shall
23 prepare and submit to the Congress a program plan to
24 guide the activities under this section.

1 (c) SOLICITATION OF PROPOSALS.—Not later than
2 one year after the date of enactment of this Act, the Sec-
3 retary shall solicit proposals for conducting activities con-
4 sistent with the program plan. Such activities shall include
5 at least three demonstrations of integrated biomass energy
6 systems that:

7 (1) shall involve the production of dedicated en-
8 ergy crops of not less than 25,000 acres per dem-
9 onstration;

10 (2) shall include one demonstration of predomi-
11 nantly herbaceous energy crops and one demonstra-
12 tion of predominantly short-rotation woody crops;

13 (3) shall demonstrate cost-effective methods for
14 growing, harvesting, storing, transporting, and pre-
15 paring energy crops for conversion to electricity or
16 transportation fuel; and

17 (4) shall result in the conversion of such crops
18 to electricity or transportation fuel by a non-Federal
19 energy producer or the Tennessee Valley Authority.

20 (d) AUTHORIZATION OF APPROPRIATIONS.—There is
21 authorized to be appropriated for purposes of carrying out
22 this section, to remain available until expended, not more
23 than \$10,000,000 for each of fiscal years 1994, 1995, and
24 1996.

1 **SEC. 206. WEATHERIZATION ASSISTANCE PROGRAM FOR**
2 **THE LOWER MISSISSIPPI DELTA REGION.**

3 Title IV of the Energy Conservation and Production
4 Act (Public Law 94–385 as amended) is further amended
5 by adding a new section 423 as follows:

6 “WEATHERIZATION ASSISTANCE PROGRAM FOR THE
7 LOWER MISSISSIPPI DELTA REGION

8 “SEC. 423. (a) PURPOSE.—The purpose of this sec-
9 tion is to encourage the weatherization of low-income
10 dwelling units in the Lower Mississippi Delta Region.

11 “(b) GRANTS FOR ESTABLISHMENT OF PROGRAM.—
12 Not later than 12 months after the date of the enactment
13 of the Lower Mississippi Delta Initiatives Act of 1993, the
14 Secretary shall make grants to (1) States, and (2) in ac-
15 cordance with the provisions of subsection (413)(d), to In-
16 dian tribal organizations to serve Native Americans in the
17 Lower Mississippi Delta Region. Such grants shall be
18 made for the purposes of providing financial assistance for
19 weatherization of low-income dwelling units.

20 “(c) APPLICATIONS.—(1) Applications of States or
21 Indian tribal organizations for grants under this section
22 shall be made not more than once for any fiscal year. Such
23 applications shall be submitted to the State energy agency,
24 in consultation with Community Action Agencies and
25 Planning and Development Districts in the Lower Mis-
26 sissippi Delta Region, and the State energy agency shall

1 make a single submittal to the Secretary containing all
2 applications which comply with subsection (e).

3 “(2) Applications for grants for energy conservation
4 projects shall contain, or be accompanied by, such infor-
5 mation as the Secretary may reasonably require.

6 “(d) SELECTION OF PROPOSALS.—(1) The Secretary
7 shall select proposals from States to receive grants under
8 subsection (b).

9 “(2) Such grants shall be in addition to such grants
10 as would otherwise be provided under section 414 of this
11 Act.

12 “(3) No one grant proposal under this section shall
13 receive a consideration greater than \$2,000,000.

14 “(e) SELECTION CRITERIA.—The Secretary shall se-
15 lect recipients of grants under this section in accordance
16 with the requirements of sections 414(b) and 415 of this
17 Act, and on the basis of the following criteria:

18 “(1) the location of the grant recipient in the
19 States of the Lower Mississippi Delta Region;

20 “(2) the demonstrated or potential resources
21 available to the grant recipient for carrying out the
22 purposes of this section; and

23 “(3) the demonstrated or potential ability of the
24 grant recipient to improve energy efficiency in low-
25 income dwelling units.

1 “(f) DEFINITION.—For purposes of this section, the
2 term ‘Lower Mississippi Delta Region’ means that region
3 consisting of the 219 counties and parishes within the
4 States of Arkansas, Illinois, Kentucky, Louisiana, Mis-
5 sissippi, Missouri, and Tennessee, as defined in the ‘Final
6 Report The Delta Initiatives: A Report by the Lower Mis-
7 sissippi Delta Development Commission’ dated May 14,
8 1990, except that, for any State for which the Delta Re-
9 gion as defined in such report comprises more than half
10 of the geographic area of such State, the entire State shall
11 be considered as part of the Delta Region for purposes
12 of this Act.

13 “(g) AUTHORIZATION OF APPROPRIATIONS.—There
14 is authorized to be appropriated for purposes of carrying
15 out this section, to remain available until expended, not
16 more than \$20,000,000 for each of fiscal years 1994,
17 1995, and 1996.”.

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