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# SPECIAL REPORT: House FY2007 Energy And Water Appropriations and California Implications - June 2006

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On May 24, 2006, the House of Representatives passed the FY2007 Energy and Water Appropriations (H.R. 5427/H.Rpt. 109-474) by a vote of 404-20. The bill provides a total of \$30 billion for FY07, \$545,773,000 above the President's budget request, and \$172,000,000 below the amount appropriated in fiscal year 2006, in budget authority for the U.S. Army Corps of Engineers-Civil, the Department of Interior including the Bureau of Reclamation, the Department of Energy, and several Independent Agencies.

The following is a quick analysis of the bill from a California perspective as prepared by the California Institute. We apologize for any errors or omissions in our discussion of these documents, and would appreciate any input/feedback on how to make improving corrections. The ordering of items generally reflects their appearance in the bill and does not mean to imply any relative importance.

## **CORPS OF ENGINEERS**

The bill provides \$4,983,803,000 for the programs of the U.S. Army Corps of Engineers, a decrease of \$345,367,000 below the fiscal year 2006 enacted level (adjusted for one-time emergency spending) and \$250,803,000 over the budget request. The fiscal year 2007 budget request for the Corps of Engineers totals \$4,733,000,000, which is composed of entirely of new budget authority.

The fiscal year 2007 budget request for the Corps' Civil Works program continues the performance-based ranking system instituted in fiscal year 2006 with two major modifications to the guidelines. The first allows risks to human life to be considered along with economics for flood and storm damage reduction projects. The second changes the prioritization process for environmental restoration projects.

## **Investigations**

This appropriation funds studies to determine the need, the engineering and economic feasibility, and the environmental and social suitability of solutions to water and related land resource problems; and funds preconstruction engineering and design, data collection, interagency coordination, and research. The Committee recommends an appropriation of \$128,000,000, a decrease of \$34,360,000 from the fiscal year 2006 enacted level, and \$34,000,000 over the budget estimate. Below are California projects funded under this category (in thousands of dollars):

Arroyo Seco Watershed - \$0 requested, \$200 recommended  
Big Bear Lake, Santa Anna River - \$0 requested, \$850 recommended  
California Coastal Sediment Master Plan - \$300 requested, \$300 recommended  
City of Inglewood - \$0 requested, \$175 recommended  
City of Norwalk - \$0 requested, \$200 recommended  
City of Santa Clarita - \$0 requested, \$550 recommended  
Coast of CA, South Coast Region LA County - \$0 requested, \$200 recommended  
Cornfields - \$0 requested, \$500 recommended  
Corte Madera Creek Watershed - \$0 requested, \$200 recommended  
Desert Hot Springs - \$0 requested, \$600 recommended  
Estudillo Canal - \$600 requested, \$600 recommended  
Graysons and Murders Creek - \$0 requested, \$200 recommended  
Laguna de Santa Rosa - \$0 requested, \$200 recommended  
Llagas Creek - \$0 requested, \$250 recommended  
Los Angeles County - \$0 requested, \$200 recommended  
Los Angeles River Restoration - \$0 requested, \$200 recommended  
Matilija Dam - \$400 requested, \$500 recommended  
Napa River Salt Marsh Restoration - \$300 requested, \$300 recommended  
Ocean Beach, San Francisco - \$0 requested, \$500 recommended  
Pajaro River at Watsonville - \$0 requested, \$750 recommended  
Russian River Restoration - \$0 requested, \$200 recommended  
San Bernardino Lakes and Streams - \$0 requested, \$1,000 recommended  
San Clemente Shoreline - \$0 requested, \$300 recommended  
San Francisquito Creek - \$0 requested, \$225 recommended  
San Jacinto River Restoration - \$0 requested, \$1,000 recommended  
San Joaquin River Basin, West Stanislaus - \$0 requested, \$200 recommended  
Santa Rosa Creek Restoration - \$0 requested, \$300 recommended  
Seven Oaks and Prado Dams Water Cons - \$0 requested, \$1,500 recommended  
Sun Valley Watershed - \$0 requested, \$200 recommended  
Sutter County - \$339 requested, \$400 recommended  
Upper Penitencia Creek - \$319 requested, \$319 recommended  
Westminster, East Garden Grove - \$650 requested, \$650 recommended  
Wilson and Oak Glen Creeks, San Bernardino - \$0 requested, \$800 recommended

### **Construction**

For fiscal year 2007, the Committee recommends an appropriation of \$1,947,171,000, a decrease of \$401,109,000 from the fiscal year 2006 enacted appropriation and \$392,171,000 over the budget estimate. This Committee's recommendation includes a rescission of \$56,046,000 of funds appropriated in fiscal year 2006 for projects subsequently funded through completion in supplemental appropriations. California projects are funded as follows (in thousands):

American River Watershed (combined) - \$46,800 requested, \$49,800 recommended  
City of Santa Clarita - \$0 requested, \$1,000 recommended  
Corte Madera Creek - \$0 requested, \$200 recommended  
Farmington Groundwater - \$0 requested, \$300 recommended  
Guadalupe River - \$5,000 requested, \$6,700 recommended

Hamilton Airfield Wetlands Restoration - \$11,700 requested, \$11,700 recommended  
Harbor/S. Bay Water Recycling Project, Los Angeles - \$0 requested, \$800 recommended  
Heacock & Cactus Channels - \$0 requested, \$900 recommended  
LA County Drainage - \$5,564 requested, \$5,564 recommended  
LA Harbor Deepening - \$0 requested, \$2,000 recommended  
Murrieta Creek - \$0 requested, \$2,000 recommended  
Napa River - \$9,000 requested, \$11,000 recommended  
Oakland Harbor (50 Foot Project) - \$43,500 requested, \$43,500 recommended  
Petaluma River - \$0 requested, \$3,200 recommended  
Placer County Sub-Regional Wastewater Treatment - \$0 requested, \$2,000 recommended  
Port of Long Beach Deepening - \$5,700 requested, \$0 recommended  
Sacramento Area - \$0 requested, \$7,000 recommended  
Sacramento River Bank Protection Project - \$10,960 requested, \$15,000 recommended  
San Lorenzo River - \$0 requested, \$500 recommended  
Santa Ana River Mainstem - \$54,080 requested, \$56,080 recommended  
South Perris Project - \$0 requested, \$2,000 recommended  
South Sacramento County Streams - \$7,313 requested, \$9,700 recommended  
Stockton Metro Flood Control Reimbursement - \$0 requested, \$1,500 recommended  
Success Dam, Tule River - \$25,000 requested, \$25,000 recommended  
Surfside-Sunset-Newport Beach - \$0 requested, \$1,200 recommended  
Upper Newport Bay - \$0 requested, \$5,000 recommended  
Yuba River Basin - \$0 requested, \$1,500 recommended

**American River watershed** - The Committee has provided \$49,800,000 for American River watershed activities. Within this amount, not less than \$15,000,000 will be available for the permanent bridge below Folsom Dam; the remaining funds will be directed to Folsom Dam Modifications, Common Features and the Folsom Dam Raise. The Committee Report also states that it “has also provided \$3,000,000 for the Secretary to prepare a report that supplements the American River Watershed Project, California Supplemental Information Report dated March 1996 for the purpose of identifying and evaluating any potential for additional flood damage reduction to the Sacramento area that would result from construction of a multipurpose storage facility downstream of the confluence of the North and Middle forks of the American River. Further, the Committee directs the Secretary to continue to expedite all actions necessary for completion of the new bridge at Folsom Dam, California, including completing the environmental review and documentation, completing the final design, negotiating and executing the project cooperative agreement, utilizing abbreviated contracting procedures and other means of simplifying and expediting necessary procedures for approval and construction. The Committee directs the Secretary to consider the new bridge at Folsom Dam, California, as a non-Central Valley Project component. Inclusion of a feasibility study to construct a dam in Auburn, CA, should not interfere with or delay efforts to proceed with the projects at Folsom Dam and should be viewed simply as an effort to explore additional flood control options in the region behold those that can be implemented at Folsom Dam.”

**Santa Ana River mainstem** - In total, the Committee provides \$56,080,000 for Santa Ana River main stem in California, of which \$2,000,000 is available for the Seven Oaks Dam water quality study. The Committee Report states that the Committee “recognizes that the raising of Prado Dam

has endangered the existing Santa Ana River Interceptor brine line, which is critical to the region's water resource infrastructure. The Committee directs the Corps of Engineers to finalize planning and enter into a cost share agreement consistent with the existing Santa Ana mainstem cost share agreement."

**San Pedro Creek** - The Committee recommends \$75,000 in Section 205 money for the project.

**Salt River** - \$400,000 is recommended in Section 206 funding.

**Bull Creek Ecosystem Restoration Project** - \$2 million in Section 1135 funding is recommended.

**Tujunga Wash** - Section 1135 funding of \$150,000 is recommended.

### **Operation and Maintenance**

For fiscal year 2007, the Committee recommends an appropriation of \$2,195,471,000 an increase of \$226,361,000 over the fiscal year 2006 enacted level and \$62,529,000 below the budget estimate.

The Committee recommendation for Region 18 California is 102,461,000. The President's budget request was for \$98,232,000.

**Dry Creek (Warm Springs)** - In addition to the amount requested, the Committee includes \$104,000 to update inundation maps for the project.

**Isabella Lake** - The Committee Report states that it "is concerned by the current condition of the dam at Isabella Lake, California, given the potential impacts to the Bakersfield metropolitan area that would result from any failure, and urges the Corps to work expeditiously to take any necessary corrective action."

**Moss Landing Harbor** - The Committee provides \$500,000 to complete the Dredged Material Management Plan and additional fish sampling.

**Noyo Harbor** - The Committee has provided \$500,000 for maintenance dredging and related activities.

**San Francisco Harbor** - In addition to the amount requested, \$353,000 is provided to study placement of dredged material from Bar Channel in offshore area near Ocean Beach to prevent erosion.

**San Francisco Harbor and Bay (Drift Removal)** - In addition to the amount requested, \$1,472,000 is included for this activity.

**San Francisco Bay Long Term Management Study** - The Committee has provided \$2,500,000 to continue this activity.

The \$1.2 million requested for the **Surfside-Sunset-Newport Beach** project is provided under the Construction account

## **DEPARTMENT OF THE INTERIOR**

### **Bureau of Reclamation**

The President's fiscal year budget request for the Bureau of Reclamation totals \$923,736,000, and includes \$88,000,000 in rescissions. The Committee recommendation totals \$900,779,000 for the Bureau of Reclamation, \$7,000,000 over the budget request and \$124,000,000 below the fiscal year 2006 enacted level.

The recommendation for the Central Valley project restoration fund is \$41,478,000, the same as the President's request. Funding in FY2006 was \$52,219 41,478.

The funding level recommended for the California Bay-Delta restoration project is \$40,110,000. The budget request was \$38,610,000 and FY06 funding was \$36,630,000

**Water and Related Resources**

For fiscal year 2007, the Committee recommends \$849,122,000, \$15,698,000 above the budget request and \$25,557,000 below the fiscal year 2006 enacted level. The recommended level includes a rescission of unobligated balances for At Risk Desert Terminus Lakes in the amount of \$88,000,000. Funding recommendations for specific California projects are as follows:

(In Thousands)

(Resources Management = RM; Facilities OM&R= FOM&R):

Cachuna Project - RM \$1,521; Facilities OM&R \$558

California Investigations Programs - RM \$574; FOM&R \$0

Calleguas Mun. Water Dis. Recycling Project - RM \$990; FOM&R \$0

Central Valley Project:

American River Division - RM \$3,065; FOM&R \$7,158

Auburn-Folsom South Unit - RM \$5,025; FOM&R \$0

Delta Division - RM \$10,819; FOM&R \$5,840

East Side Division - RM \$1,598; FOM&R \$2,523

Friant Division - RM \$1,894; FOM&R \$3,814

Miscellaneous Project Programs - RM \$13,658; FOM&R \$1,259

Replacement Adds. & Extraordinary Maint. - RM \$0; FOM&R \$18,315

Sacramento River Division - RM \$2,445; FOM&R \$1,740

San Felipe Division - RM \$1,015; FOM&R \$0

San Joaquin Division - RM \$309; FOM&R \$0

Shasta Division - RM \$802 OM&R \$7,625

Trinity River Division - RM \$7,379; FOM&R \$3,318

Water and Power Operations - RM \$1,648; FOM&R \$9,483

West San Joaquin Div., San Luis Unit - RM \$3,921; FOM&R \$6,992

Yield Feasibility Investigation - RM \$792; FOM&R \$0

Hi-Desert Wastewater Collection and Reuse - RM \$0; FOM&R \$500

Lake Tahoe Regional Wetlands Development - RM \$0; FOM&R \$0

Long Beach Area Water Reclamation & Reuse Proj. - RM \$743; FOM&R \$0

Long Beach Desalination Project - RM \$0; FOM&R \$0

Irvine Basin Ground and Surface Water Improvement - RM \$1,000; FOM&R \$0

Mission Springs Water Re-use, Desert Hot Springs - RM \$0; FOM&R \$0

Napa-Sonoma-Marin Agricultural Reuse Project - RM \$0; FOM&R \$0

N. San Diego Co. Area Water Recycling Proj. - RM \$1,238; FOM&R \$0

Orange Co. Reg. Water Reclam. Proj. - RM \$1,238; FOM&R \$0

Orlando Project - RM \$14; FOM&R \$674

Pasadena Reclaimed Water Project - RM \$0; FOM&R \$0

Placer County Sub-regional Wastewater Treatment Project - RM \$0; FOM&R \$0

Sacramento River Diversion Study - RM \$1,000; FOM&R \$0

Salton Sea Research Project - RM \$2,243; FOM&R \$0

San Diego Area Water Reclamation Proj. - RM \$3,465; FOM&R \$0

San Gabriel Basin Project - RM \$743; FOM&R \$0

San Gabriel Basin Restoration Project - RM \$10,000; FOM&R \$0

San Jose Area Water Reclamation & Reuse Project - RM \$495; FOM&R \$0

Santa Margarita River Conjunctive Use Proj. - RM \$0; FOM&R \$0

Solano Project - RM \$1,287; FOM&R \$2,558  
Southern California Investigations Program - RM \$1,308; FOM&R \$0  
Ventura River Project - RM \$824; FOM&R \$0  
Watsonville Area Water Recycling Project - RM \$1,000; FOM&R \$0

**Yuma area projects, Arizona and California.**—The Committee has provided a total of \$23,227,000 for Yuma area projects in Arizona and California, of which \$495,000 is available for renovation and refurbishment of the City of Needles, California Bureau Bay Reclamation Project Site.

**Auburn-Folsom South Unit, California.**—The Committee has also provided \$1,000,000 to complete an assessment of the feasibility of relocating the Highway 49 bridge at the Auburn- South Unit of the Central Valley Project. The Report also states: “Further, the Committee directs the Commissioner to expedite its review and complete all actions necessary for the new bridge at Folsom Dam, California, including coordination with the Corps of Engineers and the City of Folsom, granting necessary easements or rights-of-way and other means of simplifying and expediting necessary procedures. The Committee also directs the Commissioner to consider the new bridge at Folsom Dam, California, as a non-Central Valley Project component.”

**Cachuma Project, California.**—Within the funds provided for the Cachuma Project, the Committee has provided \$500,000 for the Lake Cachuma Water and Sewage Project.

**Central Valley project, California, American River Division.**— Within the funds provided, \$1,250,000 shall be available for the El Dorado Temperature Control Device.

**Central Valley project, California, Auburn-Folsom South Unit.**— Within the funds provided, \$1,000,000 shall be available to complete an assessment of the feasibility of relocating the Highway 49 bridge.

**Salton Sea research project, California.**—The Committee has provided \$2,243,000 for the Salton Sea research project, including \$1,500,000 to continue environmental restoration efforts at the Alamo and New Rivers, and for other authorized pilot projects. The Report states: “The Bureau is encouraged to work jointly with the Salton Sea Authority and assist the authority in running its own pilot projects.”

**Southern California investigations program.**—Within the funds provided for the Southern California Investigations Program, \$250,000 has been included for the Los Angeles Basin Watershed Water Supply Augmentation Study; \$500,000 is provided for the Upper Mohave River well field and water supply project; and \$300,000 is provided to assist the Lake Arrowhead Community Services District to develop an integrated water resource plan.

#### **Central Valley Project Restoration Fund**

For fiscal year 2007, the Committee recommends \$41,478,000, the same level as the budget request and \$10,741,000 below the FY 2006 funding level. Funds are provided as follows:

Anadromous fish restoration program - \$4,200,000  
Other Central Valley project impacts - \$1,500,000  
Dedicated project yield - \$900,000  
Flow fluctuation study - \$50,000  
Restoration of riparian habitat and spawning gravel - \$500,000  
Central Valley comprehensive assessment/monitoring program - \$400,000  
Anadromous fish screen program -\$3,000,000

Refugee wheeling conveyance - \$8,008,000  
Refuge water supply, facility construction - \$1,800,000  
Ecosystem/water systems operations model - \$7,134,000  
Water acquisition program - \$8,086,000  
San Joaquin Basin action plan - \$1,400,000  
Land retirement program - \$1,500,000  
Coleman fish hatchery - \$200,000  
Clear Creek restoration - \$800,000  
San Joaquin River Basin Resource Mgmt Int - \$2,000,000  
**Total, Central Valley project restoration fund -\$41,478,000**

### **California Bay-Delta Restoration Project**

The Committee Report states: "The Committee is pleased the CALFED Bay-Delta program was included in the fiscal year 2007 budget request and recommends \$40,110,000 an increase of \$1,500,000 over budget request. The Committee is also pleased the budget request included a water quality section and science program section in this year's budget. However, the budget documentation was extremely limited in justifying the various levels of funding for each program/project under the CALFED Bay-Delta program. Therefore, the Committee has redirected the funding for higher priority projects that will support the implementation of the CALFED Bay-Delta program. The funded projects will produce increased sources of water for the State of California, otherwise known as 'firm yield' projects, improve drinking water quality, and improve water delivery flexibility.

The Committee recognizes the impending danger the Sacramento/San Joaquin Delta levees pose to the economy, environment, water users, and general welfare of the people within the State. It is the Committee's belief that, because Reclamation relies on the Delta to move water from north to south, it should share in the responsibility of maintaining and strengthening delta levees and has provided funding under the CALFED Bay-Delta program for this purpose. All program funds provided under the CALFED Bay-Delta program are to be considered non-reimbursable. The Committee also is aware that Reclamation is not providing all funds to project cooperators as outlined in last year's bill and insists Reclamation provide the funds listed below in full for 2007. The Committee again urges the Administration to fund all program elements at the fully authorized levels in future budget requests and include all cooperating agency budgets related to CALFED Bay-Delta program activities under this account."

The funds provided are intended to support the following activities:

Science - \$2,970,000  
Delta Levees - \$6,000,000  
Environmental water account - \$6,000,000  
Storage program - \$11,385,000  
    San Joaquin River basin - (\$3,960,000)  
    Los Vaqueros - (\$1,980,000)  
    Shasta enlargement - (\$3,960,000)  
    Sites - (\$1,485,000)  
Conveyance - \$3,415,000  
    San Luis Reservoir Low Point - (\$1,485,000)  
    Temporary Barriers - (\$500,000)  
Planning and management activities - \$500,000

Water use efficiency - \$2,850,000  
    Upper Feather River Basin Assessment - (\$750,000)  
    Sac Valley Int Regional Management Program - (\$1,100,000)  
    Inland Empire Utilities Agency regional water recycling project - (\$1,000,000)  
Ecosystem restoration- \$1,000,000  
Water Quality - \$5,990,000  
    Contra Costa Water District alternative intake project - (\$2,000,000)  
    San Joaquin River Salinity Management (\$3,990,000)  
**Total, California Bay-Delta Restoration - \$40,110,000**

**Conveyance.**—Due to the legal action against the intertie project between the State Water Project California Aqueduct and the Central Valley Project Delta Mendota Canal, the Committee has eliminated the funding for this project.

**Delta Levees.**—The Committee Report states that the “Committee provides \$6,000,000, to be transferred to the Corps of Engineers, which shall be available to begin implementation of the Delta Levee Stability Program High Priority, Priority Group A projects as identified in the draft 180–day report to Congress dated March 2006.”

**Water Use Efficiency.**—The Committee Report states that the “Committee has provided funds, contingent upon completion and delivery of the appropriate feasibility report to the appropriate congressional committees by Reclamation, to be available for construction of the Inland Empire Utilities Agency Regional Water Recycling Project.” The Committee has also provided \$1,100,000 for the Sacramento Valley Integrated Regional Water Management Program which shall be shared between the Northern California Water Association member agencies and the counties of Butte, Colusa, Glenn, and Tehama, California.

## **DEPARTMENT OF ENERGY**

Total funding for the Department of Energy is \$24,373,489,000, an increase of \$326,717,000 over fiscal year 2006 and \$298,772,000 over the budget request.

According to the Committee Report: “The Department of Energy (DOE) has requested a total budget of \$24,074,717,000 in fiscal year 2007 to fund programs in its four primary mission areas: science, energy, environment, and national security. The overall DOE budget is essentially flat compared to the fiscal year 2006 enacted level, but the four mission areas fare quite differently under the Department’s budget proposal. Science research would increase by 14 percent, and the budget for the National Nuclear Security Administration increases by 2.3 percent. However, the budget for applied energy research is actually down by 4.8 percent, and the environmental cleanup budget sees a reduction of 11.6 percent compared to fiscal year 2006.

The Committee makes a number of changes to the fiscal year 2007 budget request to reflect specific Congressional priorities and interests. The Committee recommendation fully funds the request for the American Competitiveness Initiative under the Office of Science, but makes significant adjustments to funding for the NNSA, applied energy research, and environmental cleanup.”

### **Congressionally Directed Energy Efficiency and Renewable Energy Projects**

- California Hydrogen Infrastructure Systems and Storage - \$1,000,000
- Nano-Membrane for Low Temp Fuel Cell Project - \$1,500,000

- Hydrogen Optical Fiber Sensors - \$950,000
- CALSTART Domestic Hybrid Truck Development - \$1,000,000

#### **Congressionally Directed Fuels And Power Projects**

- Methanol Economy at the University of Southern California - \$1,500,000
- Direct Coal Fuel Cell at Stanford University - \$1,000,000

#### **Elk Hills School Lands Fund**

The Committee recommends no funding, the same as the budget request. The Report states: "The Committee understands that the final amount due will be based on the resolution of equity determinations, which cannot be completed until all divestment-related expenses are accounted."

#### **Non-Defense Environmental Cleanup**

The recommendation provides \$19,865,000, for soil and water remediation measures at the former Atlas uranium mill tailings site at Moab, Utah, a decrease of \$3,000,000 below the budget request. The decrease accommodates "higher-priority compliance driven cleanups," according to the Committee Report.

**Consolidated Business Center** - The Committee recommendation provides \$5,720,000 for the Stanford Linear Accelerator Center, and \$16,000,000 for nuclear facility decontamination and decommissioning for the Energy Technology Engineering Center, the same as the budget request. The Committee recommends \$1,025,000 for decontamination and decommissioning of the Tritium System Test Assembly Facility at Los Alamos National Laboratory, the same as the budget request. The Committee recommends \$160,000 for cleanup work at various sites in California, the same as the budget request.

#### **Office of Science**

The Committee Report states: "The Committee is generally pleased with the Department's budget request for the Office of Science in fiscal year 2007. This request finally reverses the trend of recent years, which saw the requests for the Office of Science held essentially flat. As a consequence, funding for physical sciences research, funded at the federal level primarily by the DOE Office of Science, lagged seriously behind funding for life sciences research. Congress was forced to provide additional funding to address obvious deficiencies in the Office of Science request. Fortunately, the fiscal year 2007 request fully funds operating time at existing DOE user facilities, funds the investment in major new research facilities such as the International Thermonuclear Experimental Reactor, the International Linear Collider, and the 12 GeV upgrade to the Continuous Electron Beam Accelerator Facility, and maintains a healthy level of funding for ongoing research at the DOE laboratories and at universities. The fiscal year 2007 budget request appears to strike the right balance between maximizing existing capabilities and investing in new capabilities for the future.

The Committee recognizes that funding a significant increase for the Office of Science required some difficult choices regarding other DOE programs. However, the Committee supports the Secretary's judgment that robust funding for the basic research mission of the Department represents the best long-term use of the Department's constrained resources, and the best long-term investment for the economic future of the country. The Office of Science took seriously the Congressional

direction to prepare laboratory business plans and five-year budget plans, and these plans give added credibility and context to the fiscal year 2007 budget request.

The Committee recommendation is \$4,131,710,000, an increase of \$30,000,000 compared to the budget request and \$535,319,000 over the fiscal year 2006 enacted level. Compared to the previous fiscal year, the Committee has reduced the number and dollar value of House-directed projects in the Biological and Environmental Research subaccount to \$30,000,000, and has provided additional funding for these projects so they do not diminish the proposed American Competitiveness Initiative.”

### **High Energy Physics**

The Committee recommends a total of \$775,099,000 for high energy physics, the same as the budget request. The Committee Report states: “Over the past few years, the Committee has consistently supported the DOE/NASA Joint Dark Energy Mission (JDEM), a space probe to help answer the fundamental physics question of our time what is the ‘dark energy’ that constitutes the majority of the universe. Answering this question is among the top priorities of the physics community and of the Office of Science, and the Committee strongly believes that this initiative should move forward. DOE has done its part, developing the SuperNova Acceleration Probe (SNAP) as the DOE mission concept for JDEM. Unfortunately, NASA has failed to budget and program for launch services for JDEM. Unfortunately, in spite of best intentions, the multi-agency aspect of this initiative poses insurmountable problems that imperil its future. Therefore, the Committee directs the Department to begin planning for a single-agency dark energy mission with a launch in fiscal year 2013. The Committee directs DOE to explore other launch options, including cooperative international approaches and the procurement of private launch services, to get the SNAP platform into space. DOE is to report back to the House and Senate Appropriations Committees, not later than March 2, 2007, on the cost and feasibility of a single-agency mission, including the use of alternative launch options. The Committee will consider providing further guidance on this issue in the fiscal year 2008 appropriations bill and report.”

### **Biological and Environmental Research - House Directed Projects**

- Synchrotron Accelerator at Loma Linda University Medical Center - \$1,500,000
- St. Mary’s Medical Center, San Francisco - \$500,000
- Gene and Protein Research Children’s Hospital - \$250,000

### **Basic Energy Sciences**

The Committee recommendation for basic energy sciences is \$1,420,980,000, the same as the budget request and an increase of \$286,422,000 over the current fiscal year.

**Research.**—The Committee recommendation includes \$1,004,212,000 for materials sciences and engineering, and \$268,499,000 for chemical sciences, geosciences, and energy biosciences.

**Construction.**—The Committee recommendation includes \$148,269,000 for Basic Energy Sciences construction projects, the same as the requested amount. The Committee recommendation provides the requested funding of: \$105,740,000 to initiate construction of the Linac Coherent Light Source (05–SC–320) at the Stanford Linear Accelerator Center; \$257,000 to complete construction of the Molecular Foundry (04–R–313) at Lawrence Berkeley National Laboratory; \$247,000 to complete construction of the Center for Integrated Nanotechnologies (03–R–313) at Los Alamos and

Sandia National Laboratories; and \$3,000,000 for PED for the Advanced Light Source User Support Building (07-SC-12) at Lawrence Berkeley National Laboratory.

### **Fusion Energy Sciences**

The Committee recommendation for fusion energy sciences is \$318,950,000, the same as the budget request. The Committee Report states that the Committee “is pleased that the department finally requested sufficient funding for the U.S. participation in the International Thermonuclear Experimental Reactor (ITER) Project without doing so at the expense of domestic fusion research activities or at the expense of other office of science programs.”

### **Science Laboratories Infrastructure**

The Committee recommendation provides a total of \$50,888,000 for Science Laboratories Infrastructure, the same as the budget request. Within the requested amount, the Committee transfers \$7,000,000 from the delayed demolition of the Bevatron at Lawrence Berkeley National Laboratory to the Physical Sciences Facility at the Pacific Northwest National Laboratory (project 07-SC-05) in order to accommodate the pending cleanup and closure of the 300 Area at the Hanford site.

### **Campaigns**

Campaigns are focused efforts involving the three weapons laboratories, the Nevada test site, the weapons production plants, and selected external organizations to address critical capabilities needed to achieve program objectives.

**Inertial Confinement Fusion (ICF) Ignition and High Yield.**—The Committee recommends \$528,191,000 for the inertial confinement fusion and yield program, an increase of \$77,000,000 over the budget request. The Committee provides \$55,959,000, of which \$10,000,000 is available for NIF diagnostics, cryogenics and experimental support to achieve the 2010 ignition goal. The Committee recommendation includes \$25,000,000 to continue development of high average power lasers and supporting science and technology within the Inertial Fusion Technology program line. The Committee provides \$111,419,000 for construction of the National Ignition Facility (NIF), the same as the budget request.

**Advanced simulation and computing (ASCI).**—The Committee recommendation for Advanced Simulation and Computing is \$635,155,000, an increase of \$17,200,000 over the budget request. The Committee’s recommendation includes: \$6,200,000 for the sensitive compartmented information facility (SCIF) at Nextedge, (OH), with the balance of funds not needed for SCIF construction to be used for advanced computing research in cooperation with Lawrence Livermore National Laboratory.

### **Readiness in Technical Base and Facilities**

The Readiness in Technical Base and Facilities (RTBF) program supports the physical and operational infrastructure at the laboratories, the Nevada Test Site, and the production plants. The Committee recommendation is \$1,658,772,000, a reduction of \$27,000,000 below the budget request.

**Operations of facilities.**—The Committee recommendation for Operations of Facilities is \$1,276,786,000, an increase of \$73,000,000 over the budget request. The Committee recommendation includes an additional \$10,000,000 for the Lawrence Livermore National Laboratory in California, an additional \$20,000,000 is provided for the Pantex plant in Texas, and an

additional \$43,000,000 is for the Y-12 Plant in Tennessee to address chronic under-funding in the maintenance of production plant facilities. From within available funds, \$1,000,000 is for the Advanced Engineering Environment, at Lawrence Livermore National Laboratory—Sandia Laboratory (CA).

**Construction projects.**— Project 07-D-220, Radioactive Liquid Waste Treatment Facility Upgrade - Los Alamos National Laboratory. The Committee recommends \$14,828,000, the same as the budget request.

### **General Provisions**

Language has been included under Bureau of Reclamation, Central Valley Project Restoration Fund directing the Bureau of Reclamation to assess and collect the full amount of additional mitigation and restoration payments authorized by section 3407(d) of Public Law 102-575.

Language has been included under Bureau of Reclamation, Central Valley Project Restoration Fund providing that none of the funds under the heading may be used for the acquisition or lease of water for in-stream purposes if the water is already committed to in-stream purposes by a court order adopted by consent or decree.

Language has been included under Bureau of Reclamation, California Bay-Delta Restoration permitting the transfer of funds to appropriate accounts of other participating Federal agencies to carry out authorized programs; providing that funds made available under this heading may be used for the Federal share of the costs of the CALFED Program management; providing that use of any funds provided to the California Bay-Delta Authority for program-wide management and oversight activities shall be subject to the approval of the Secretary of the Interior; providing that CALFED implementation shall be carried out with clear performance measures demonstrating concurrent progress in achieving the goals and objectives of the program.

Language has been included under Title II, General Provisions, regarding the San Luis Unit and the Kesterson Reservoir in California. This language has been carried in prior appropriations Acts.