



July 11, 2008

The Honorable Denise Moreno Ducheny, Chair  
Joint Legislative Budget Committee  
1020 N Street, Room 553  
Sacramento, CA 95814

Attn: Jody Martin, Principal Consultant

Dear Senator Ducheny:

Pursuant to the Supplemental Report Language [Item 1760-001-0666 1(b)], the Department of General Services is submitting the Supplemental Report of the 2007 Budget Act, Item 1760-001-0666 1(b), Green Buildings. We respectfully request your acceptance of this report.

In keeping with our commitment to encourage conservation, we have posted this report to our website. The report can be viewed at <http://www.legi.dgs.ca.gov/Publications/2008LegislativeReports.htm>. The report is entitled *Supplemental Report of the 2007 Budget Act, Item 1760-001-0666 1(b), Green Buildings*.

If you wish to receive a printed copy of this report, please contact Ted Park, Assistant Chief, Professional Services Branch, Real Estate Services Division, Department of General Services, at (916) 375-4717.

Sincerely,

William C. Bush  
Director

cc: Supplemental Report Distribution List  
Theodore P. Park, Assistant Chief, Professional Services Branch, Real Estate Services Division, Department of General Services

**SUPPLEMENTAL REPORT**  
**LEGISLATIVE REPORT DISTRIBUTION LIST**

**ORIGINAL LETTER TO EACH OF THE FOLLOWING:**

The Honorable Denise Moreno Ducheny, Chair **(Hand carry 18 copies)**  
Joint Legislative Budget Committee  
1020 N Street, Room 553  
Sacramento, CA 95814  
Attn: Jody Martin, Principal Consultant

The Honorable Denise Moreno Ducheny, Chair  
Senate Budget & Fiscal Review Committee  
State Capitol, Room 5019  
Sacramento, CA 95814  
Attn: Danny Alvarez, Staff Director

The Honorable Mike Machado, Chair  
Senate Budget Subcommittee, #4  
State Capitol, Room 5019  
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The Honorable Juan Arambula, Chair  
Assembly Budget Subcommittee, #4  
State Capitol, Room 2141  
Sacramento, CA 95814

The Honorable Tom Torlakson, Chair (Attn: Bob Franzoia, Director)  
Senate Appropriations Committee  
State Capitol, Room 2206  
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The Honorable Mark Leno, Chair  
Assembly Appropriations Committee  
State Capitol, Room 2114  
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Attn: Geoff Long, Director

The Honorable John Laird, Chair  
Assembly Budget Committee  
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**COPY OF JLBC LETTER TO EACH OF THE FOLLOWING:**

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The Honorable Roger Niello, Vice Chair  
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The Honorable Dave Cox, Vice Chair  
Senate Appropriations Committee  
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The Honorable Mimi Walters, Vice Chair  
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Originating Office

**SUPPLEMENTAL REPORT REVISED 6/04/08**



DEPARTMENT OF GENERAL SERVICES

**Supplemental Report  
Of the 2007 Budget Act  
Item 1760-001-0666 1(b)  
Green Buildings**

## **OVERVIEW**

Pursuant to the 2007 Supplemental Report Language, Item 1760-001-0666 1(b), the Department of General Services (DGS) will report annually to the Legislature on all new, renovated, and leased buildings and their LEED certification status; all existing buildings that have achieved LEED certification and the level of certification, including those certified in accordance with the department's Green Building Initiative; and the status of LEED recertification for buildings that have been LEED certified, including those recertified in accordance with the department's Green Building Initiative. Include in the report, information demonstrating whether or not the certifications and recertifications are consistent with the schedule provided in the report identified in (a).

## **DGS GREEN BUILDING PROGRAM**

The goal of the DGS Green Building Program is to site, design, deconstruct, construct, renovate, operate, and maintain State buildings that are models of energy, water, and materials efficiency; while providing healthy, productive and comfortable indoor environments and long-term benefits to Californians.

DGS' objective is to implement the sustainable building goal in a cost effective manner, while considering externalities; identify economic and environmental performance measures; determine cost savings; use extended life cycle costing; and adopt an integrated systems approach. Such an approach treats the entire building as one system and recognizes that individual building features, such as lighting, windows, heating and cooling systems, or control systems, are not standalone systems.

At the direction of Governor Schwarzenegger, California has established itself as a leader in energy efficiency and conservation, sustainability, green building and green purchasing practices. Through Executive Order S-20-04, the "Green Building Initiative," and the accompanying Green Building Action Plan, the governor called for public buildings to be 20 percent more energy efficient by 2015 and encouraged the private sector to do the same.

The Green Building Initiative (GBI) is a strategy for attaining AB 32 (California Global Warming Solutions Act of 2006) Greenhouse Gas (GHG) emission reduction targets. The Climate Action Team Report (Cal EPA, March 2006) identifies the California Green Building Initiative as a critical strategy for reducing GHG emissions, primarily through the reduction of electricity usage in commercial and institutional buildings. The Climate Action Team Report estimates 0.5 million metric tons (MMT) of CO<sub>2</sub> emissions can be reduced by 2010 and 1.8 MMT by 2020 through measures implemented in State-owned buildings. These GHG reductions correspond to the GBI goal of reducing grid-based electricity purchases 20 percent by 2015.

According to the U.S. Green Building Council, commercial buildings use 36 percent of the State's electricity and the production of this electricity accounts for over 22 percent of the GHG gas emissions in the state. The United States Environmental Protection

Agency (USEPA) Energy Star Program states that optimizing energy performance in buildings is the primary means of lessening environmental impacts.

Other goals of the GBI also offset the emission of GHG's, and are being addressed through the Leadership in Energy and Environmental Design (LEED) program and the implementation of measures that include water efficiency, waste stream diversion, use of environmentally preferable products, reducing automobile use, encouraging renewable and alternative energy sources, etc.

Executive Order S-20-04 specifically required:

1. That the State commit to aggressive action to reduce State building electricity usage by retrofitting, building, and operating the most energy and resource efficient buildings by taking all cost-effective measures described in the Green Building Action Plan for facilities owned, funded or leased by the state and to encourage cities, counties, and schools to do the same.
2. That State agencies, departments, and other entities under the direct executive authority of the Governor cooperate in taking measures to reduce grid-based energy purchases for State-owned buildings by 20 percent by 2015, through cost-effective efficiency measures and distributed generation technologies; these measures should include but not be limited to:
  - 2.1. Designing, constructing and operating all new and renovated State-owned facilities paid for with State funds as "LEED Silver" or higher certified buildings; and
  - 2.2. Identifying the most appropriate financing and project delivery mechanisms to achieve these goals; and
  - 2.3. Seeking out office space leases in buildings with a USEPA Energy Star rating; and
  - 2.4. Purchasing or operating Energy Star electrical equipment whenever cost-effective.

## **GREEN BUILDING INITIATIVE**

Executive Order S-20-04 and the accompanying Green Building Action Plan identified five primary initiatives to promote green buildings and energy efficiency:

### **1. Leadership in Energy and Environmental Design for New Construction and Major Renovations (LEED-NC)**

The LEED-NC rating system defines a leadership position for designing and building commercial, institutional, and government buildings in a way that produces quantifiable benefits for occupants, the environment and their owners. Targeting the design phases of a building, LEED-NC addresses the environmental impacts of site and materials selection, demolition and construction.

LEED-NC promotes improved practices in the integrated design approach from start to finish (commissioning), site selection and development, water and energy use, environmentally preferred construction products/finishes/furnishings, waste stream

management, indoor environmental quality, and innovation in sustainable design and construction.

Green building practices can substantially reduce or eliminate negative environmental impacts. These design and construction measures have proven to significantly reduce operating costs, increase worker productivity, require local purchasing, require use of recycle content materials, and require the diverting of waste product to landfills.

Pursuant to the Green Building Action Plan, *“all new State buildings and major renovations of 10,000 sq. ft. and over and subject to Title 24 will be designed, constructed and certified at LEED-NC Silver or higher, (or LEED-EB as applicable.) ... Building projects less than 10,000 sq. ft. shall use the same design standard, but certification is not required.”*

### LEED-NC Accomplishments

As of March 2008:

- Twelve buildings have been LEED-NC certified (three-Gold, five-Silver, four-Certified);
- Projects involving 237 buildings are actively incorporating LEED standards; and
- The DGS has implemented policy and a commissioning toolkit for in-house commissioning of small buildings (less than 10,000 sq. ft.).

Client	Project Description	Sites	No. of Bldgs	City	Sq. Ft.	LEED-NC Certification
DHS	CA Dept of Health Services HQ	1	4	Sacramento	1,077,373	Certified – Feb'04
DMV	San Ysidro DMV Field Office	1	1	San Ysidro	14,659	Gold – Feb'07
DOE	CA Dept of Education HQ	1	1	Sacramento	502,419	Gold – Jan'03
DOT	Caltrans Dist 07 HQ Building	1	1	Los Angeles	759,120	Silver – Jan'06
PERS	CalPERS Expansion	1	1	Sacramento	560,000	Gold – Aug'06
DGS	Franchise Tax Board (San Francisco, Sacramento)	1	3	Sacramento	999,839	Silver – Feb'08
DGS	Office Building #10 – Department of Rehabilitation	1	1	Sacramento	145,800	Silver – Nov'07
	<b>TOTAL</b>	<b>7</b>	<b>12</b>		<b>4,059,210</b>	

**2. Leadership in Energy and Environmental Design for Existing Buildings (LEED-EB).**

LEED for Existing Buildings maximizes operational efficiency while minimizing environmental impacts. It provides a recognized, performance-based benchmark for building owners and operators to measure operations, improvements and maintenance on a consistent scale. LEED for Existing Buildings is a road map for delivering economically profitable, environmentally responsible, healthy, productive places to live and work.

Pursuant to the Green Building Action Plan “*all existing State buildings over 50,000 square feet shall meet LEED-EB standards (including meeting an Energy Star rating of at least 75, or equivalent established by the CEC) by no later than 2015 to the maximum extent cost-effective....*”

**LEED-EB Accomplishments**

As of March 2008:

- Six buildings have been LEED-EB certified (two-Platinum, four-Gold);
- The DGS received approval by the USGBC to participate in a pilot program for volume LEED-EB registration for the entire DGS Owned Portfolio FY 07/08.

<b>Client</b>	<b>Project Description</b>	<b>Sites</b>	<b>No. of Bldgs</b>	<b>City</b>	<b>Sq. Ft.</b>	<b>LEED-NC Certification</b>
DGS	East End – Education	1	1	Sacramento	502,419	LEED-EB Platinum Jul’06
DGS	East End- DHS (#051)	1	1	Sacramento	433,360	LEED-EB Gold Feb’08
DGS	East End- DHS (#052)	1	1	Sacramento	177,992	LEED-EB Gold Feb’08
DGS	East End- DHS (#053)	1	1	Sacramento	217,903	LEED-EB Gold Feb’08
DGS	East End- DHS (#054)	1	1	Sacramento	248,118	LEED-EB Gold Feb’08
DGS	CAL/EPA Headquarters	1	1	Sacramento	950,000	LEED-EB Platinum Dec’04
	<b>TOTAL</b>	<b>6</b>	<b>6</b>		<b>2,529,792</b>	

### 3. Benchmarking

Benchmarking is a way to rate the energy efficiency of a building, using the federal Energy Star benchmarking system. This provides a score which ranks the building on a percentile basis against comparable buildings nationwide. Energy Star also provides the energy intensity, or annual energy use per square foot, which is useful for comparing smaller groups of buildings.

This initiative will implement a Web-based benchmarking tool that will also contain energy usage and cost information for State facilities back to January 2003. This tool will support other programs that will be relying on this information, such as LEED-EB, and track energy use reductions based on retro-commissioning and other energy retrofit activities. The current Web-based tool being employed by the program is the Energy Star Portfolio Manager which is managed by the USEPA.

Pursuant to the Green Building Action Plan *“all occupied State-owned buildings, beginning no later than July 2005 and completed by 2007, shall be benchmarked for energy efficiency, using guidelines established by the CEC.... Building managers of low-rated buildings shall prepare a plan to undertake cost-effective efficiency retrofit projects.”*

#### **Benchmarking Accomplishments**

As of March 2008:

- Benchmarking is essentially completed, with 99.6 of the State's facilities having established benchmarking accounts in the Energy Star Portfolio Manager; and
- All or some energy data has been collected for 70 percent of the benchmarkable facilities in Portfolio Manager. DGS effort continues to support State departments in obtaining the balance of their energy use data.

### 4. Retro-commissioning

Existing-building commissioning, also known as retro-commissioning (RCx), is an event in the life of a building that applies a systematic investigation process for improving or optimizing a building's overall performance and the way it is maintained and operated. The RCx process most often focuses on dynamic energy-using systems with the goal of reducing energy waste, obtaining energy cost savings, and identifying and fixing existing problems. Although RCx may include recommendations for capital improvements, the primary focus is on using Operations and Maintenance (O&M) tune-up activities and diagnostic testing to optimize the building systems.

Pursuant to the Green Building Action Plan, *“all State buildings over 50,000 square feet shall be retro-commissioned, and then re-commissioned on a recurring 5-year cycle, or whenever major energy consuming systems or controls are replaced. This will assure that energy and resource consuming equipment is installed and operated at optimal efficiency.”*

## **RCx Accomplishments**

As of March 2008:

- Twenty-five projects are nearing completion; and
- The RCx projects completed to date are projected to achieve, with current funding available, an average estimated savings of 8.6 percent in electricity consumption and 15.8 percent in natural gas use through retro-commissioning. Additional funding will result in achieving an estimated increase of 18.5 percent in average electrical savings.

## **5. Commercial Leasing**

Pursuant to the Green Building Action Plan, *“DGS, and other State agencies, will seek out and select whenever cost-effective State facility leases for spaces of 5,000 square feet or more in buildings that meet a minimum U. S. EPA Energy Star rating whenever such spaces are cost-effective and meet the State’s programmatic needs, beginning in 2006 for new leases, and beginning in 2008 for renewal leases.*

In addition to Energy Star Leasing, the DGS has made efforts to align, where possible, the State’s leasing program with the green initiatives being implemented by the department. For example, all build-to-suits, where cost effective, will be constructed to a minimum rating of LEED-NC Silver.

### **Commercial Leasing Accomplishments**

As of March 2008:

- The standard lease advertisement was modified to give preference to buildings with an Energy Star rating. DGS has executed 65 leases that include Energy Star scores (out of 1,855 existing leases);
- Over 2,000 letters were sent to lessors, advising them of the Energy Star preference and an additional 1,160 letters/e-mails were sent to the general commercial market;
- The standard lease Exhibit “B” was modified to include sustainable measures;
- There are four LEED-NC Silver build-to-suit projects. One project has attained LEED-NC Silver, two projects are registered, and one project is pursuing but not yet registered;
- There are four retro-commissioning projects – two completed and two underway.

In addition to these five primary initiatives, DGS is working on the following:

## **6. California Gold Sustainable Carpet Standard**

The sustainable carpet standard has been in effect since September 2006 and is mandated for all State carpet purchases. The standard includes requirements and criteria for the following:

- Low emissions
- No PBDE’s (toxic flame retardant) used in materials
- A minimum of 10 percent post-consumer recycled content
- Life cycle assessment (LCA) analysis conducted by manufacturer
- Industry-established end-of-life take back targets (currently at 10 percent)
- Independent 3rd party certification

## Accomplishments

- Eleven manufacturers have certified products to the California Gold or California Platinum (higher) standard since September 2006; and
- Fourteen product lines have been certified from the 11 manufacturers to meet the standard (see [www.green.ca.gov/EPP/Standards](http://www.green.ca.gov/EPP/Standards)).

## 7. Solar and Other Clean On-Site Power Generation

E.O. S-20-04 requires State facilities to reduce their energy consumption from the utility grid by 20 percent by 2015. While energy efficiency is the primary mechanism for achieving this goal, on-site clean and/or renewable power generation can be included as a contribution towards this goal.

### Accomplishments

- Since 2006, 4.25 megawatts (MW) of solar power have been installed at eight State facilities under a third-party power purchase agreement at: Chuckawalla Valley State Prison (Blythe), Caltrans District 10 Office (Stockton), California State University-Cal Poly (San Luis Obispo), California State University (Chico), California State University (Dominguez Hills), California State University (San Bernardino), Ironwood State Prison (Blythe), and Patton State Hospital (San Bernardino County);.
- A 5.4 kilowatt (kW) solar photovoltaic (PV) system was installed at the new San Ysidro Department of Motor Vehicles (DMV) facility;
- Department of Finance (DOF) approval was secured for inclusion of solar PV in the DMV HQ Building renovation project. Estimated generation capacity is 367 kW;
- The DGS is evaluating the replacement of lead acid battery backup systems at telecommunication sites with fuel cell power backup systems;
- The DGS has evaluated over 200 of the largest State buildings for solar applications in accordance with SB 82 and for other clean generation, including:
  - The Secretary of State building for solar PV potential. Estimated generation capacity is 47 kW;
  - The Edmund G. Brown Building (CPUC) for incorporation of solar PV into a roof replacement project; and
  - The Corcoran State Prison for fuel cell potential, estimated to be 1 MW or more in fuel cell power generating capacity, with biomass to be included as a secondary fuel source.

## 8. Environmental Preferable Purchasing (EPP)

Chapter 575, Statutes of 2002 (AB 498) Assemblymember Chan, directed the development of an EPP Best Practices Manual by the Department Of General Services in conjunction with the California Integrated Waste Management Board (CIWMB) and other State agencies, as well as to pursue and implement measures to improve environmentally preferable purchasing of goods and services in the State.

### Accomplishments

- The EPP Best Practices Manual was published online in January 2006, and currently includes chapters in 41 of the main product categories purchased by
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the State. Over 100 people from various State agencies were involved in the production of the manual, which is now posted on the Green California website at [www.green.ca.gov/EPP/Introduction](http://www.green.ca.gov/EPP/Introduction).

## **LEADING THE WAY**

The DGS has taken a strong leadership role in the State's effort toward meeting the goals of AB 32 and EO S-20-04. By developing and deploying LEED training and certification programs, managing the Statewide benchmarking and retro-commissioning programs, instituting green and sustainable policies in its leasing program, and implementing solar and other on-site generation projects, the DGS Green Building Program has expanded into a comprehensive, multi-faceted plan designed to ensure the State achieves its greenhouse gas and energy reduction goals.

The LEED programs are designed to be a model and knowledge-base for use by all State agencies when certifying their buildings and developing in-house LEED certification expertise. The DGS is implementing policies that will enable State facilities to earn LEED points and achieve certification. In addition, the DGS will continue to sponsor LEED training for its professional staff and other State agencies with the goal of certifying all appropriate staff as LEED Accredited Professionals. The DGS is offering this training to other State agencies and is proactively working with facility staffs throughout the State to assist them in certifying their buildings.

To date, no buildings have been recertified. Existing buildings will be recertified every five years. All projects are proceeding pursuant to the schedule provided in the attachments.

SUBJECT	OBJECTIVE	PROGRESS TO DATE
Benchmarking	<ul style="list-style-type: none"> <li>Benchmark all occupied State facilities by 2007 (approximately 1,500 benchmarkable facilities representing more than 100 million square feet) with results to be delivered April 2008.</li> </ul>	<ul style="list-style-type: none"> <li>Portfolio Manager benchmarking accounts created for 99.6% of the State's facilities.</li> <li>All or some energy data collected for 70% of the buildings. The DGS effort continues to support State departments in obtaining the balance of their energy use data.</li> </ul>
Retro-Commissioning (RCx)	<ul style="list-style-type: none"> <li>Retro-Commission all buildings greater than 50,000 sq. ft. by June 30, 2013.</li> <li>Each building re-commissioned every 5-years after initial retro-commissioning.</li> </ul>	<ul style="list-style-type: none"> <li>25 RCx projects are at or nearing completion.</li> <li>The RCx projects completed to date are projected to achieve, with current funding available, an average estimated savings of 8.6% in electricity consumption and 15.8% in natural gas use through retro-commissioning. Additional funding will result in achieving an estimated increase of 18.5% in average electrical savings.</li> <li>A total of 18 more buildings are scheduled for 2007/2008.</li> </ul>
LEED - Existing Building (EB)	<ul style="list-style-type: none"> <li>Attain LEED-EB standard for all DGS State occupied buildings over 50,000 sq. ft.</li> <li>Attain Energy Star 75 by 2015 for all qualified buildings.</li> </ul>	<ul style="list-style-type: none"> <li>East End Education Building - attained LEED - EB Platinum in July 2006.</li> <li>Four East End Dept. of Public Health/Dept. of Health Care Services Buildings - attained LEED-EB Gold in February 2008.</li> <li>CalEPA (100% State leased), Sacramento, LEED-EB Platinum.</li> <li>The DGS has received approval by the USGBC to participate in a pilot program for volume LEED-EB registration for the entire DGS Owned Portfolio FY 07/08.</li> </ul>
LEED - New Construction (NC) Silver	<ul style="list-style-type: none"> <li>Attain LEED Silver standard for all new and renovated State buildings over 10,000 sq. ft.</li> <li>Same for buildings under 10,000 sq. ft., but certification not required.</li> </ul>	<ul style="list-style-type: none"> <li>LEED-NC certified: 3-Gold, 5-Silver, 4 Certified Franchise Tax Board, Sacramento received notice of LEED-NC certification in February 2008.</li> <li>211 buildings are actively pursuing LEED standards (23 buildings under 10K sq. ft. being designed to LEED standards).</li> <li>Implemented policy and commissioning toolkit for in-house commissioning of small buildings.</li> <li>The DGS and Caltrans were awarded the first ever LEED-CI Silver award for its build-out of 17,000 square feet of 11th floor office space in the District 07 Headquarter Building. The project team earned credits associated with public transportation, optimizing energy for lighting and appliances, materials and resources including recycling, waste management, and use of recycled materials, indoor air quality and innovation and design.</li> </ul>
Green Leasing	<ul style="list-style-type: none"> <li>Seek Energy Star leases over 5,000 sq. ft. beginning in 2006 (for new leases) and 2008 (for existing leases).</li> </ul>	<ul style="list-style-type: none"> <li>65 Energy Star scored leases out of 1,855 total.</li> <li>All build-to-suit leases will be LEED-Silver; 1 attained (DMV Clovis), 2 registered, 1 pursuing.</li> <li>2,000+ letters sent advising lessors of Energy Star preference.</li> <li>1,160 additional letters/emails to general commercial market.</li> </ul>
Solar and other Clean On-site Generation	<ul style="list-style-type: none"> <li>Evaluate the merits of clean on-site generation for all new or renovated buildings.</li> </ul>	<ul style="list-style-type: none"> <li>7 Solar PV projects completed - 3.2 MW on-line.</li> <li>1 additional project to be completed in 2008 - 1 MW.</li> <li>Solar RFP bid responses received for the 23 MW and 34 projects.</li> <li>SMUD funded feasibility study underway for potential stationary fuel cell at Folsom State Prison.</li> <li>Stanford Mansion Fuel Cell about to start construction with completion anticipated by April 2008.</li> <li>RFI is under development for a potential stationary fuel cell at Corcoran.</li> </ul>
Environmentally Preferable Purchasing	<ul style="list-style-type: none"> <li>Purchase Energy Star equipment where cost-effective.</li> <li>Minimize energy and resource use and impacts.</li> <li>Implement EPP criteria into State product standards and specifications.</li> </ul>	<ul style="list-style-type: none"> <li>On-line EPP Best Practices Manual with over 41 chapters outlining environmental guidelines for purchasing the most commonly purchased items.</li> <li>Energy Star required in all IT, copier, and vending machine contracts.</li> <li>Mandatory low-mercury lamp contract for T-8, T-12, and Compact fluorescent lamp purchases; includes Statewide recycling program.</li> <li>100% recycled content copy paper, and duplex copy policy in the DGS.</li> <li>CA Gold carpet standard released May 2006.</li> <li>New environmentally-friendly office panel systems contract out to bid.</li> </ul>

DGS Green Building Program

Building Owner	Project/Building Name	Location	Number of Buildings	Square Feet	LEED Type	LEED Level	LEED Registration	LEED Certification	LEED Phase: Feb 2008	Retro Commission	Project Date	RCx Phase: Feb 2008
ARB	Haagen-SMIT Laboratories	El Monte	1	54,000								
CCC	Camarillo - Satellite Relocation	Camarillo	4	22,477	New Construction	Silver	TBD	TBD	Working Drawings	Retro Commission	FY 2006/2007	Implementation
CCC	Delta Service Center	Stockton	4	29,581	New Construction	Silver	TBD	TBD	Working Drawings			
CCC	Tahoe Base Center Relocation	South Lake Tahoe	3	44,712	New Construction	Silver	TBD	TBD	Preliminary Plans			
CDCR	California Institute for Men (Hospital, MSF)	Chino	1	53,812						Retro Commission	FY 2008/2009	Study
CDCR	California Institution for Women (Administration Bldg.)	Frontera	1	64,603						Retro Commission	FY 2007/2008	Study
CDCR	California Medical Facility	Vacaville	1	769,993						Retro Commission	FY 2006/2007	Study
CDCR	CSP, Corcoran (Hospital)	Corcoran	1	68,654						Retro Commission	FY 2006/2007	Implementation
CDCR	CSP, San Quentin (Hospital & Clinic)	San Quentin	1	70,884						Retro Commission	FY 2006/2007	Study
CDCR	CSP, Solano (Level 2 Program Support)	Vacaville	1	108,340						Retro Commission	FY 2006/2007	Study
CDCR	CSP, Solano (Level 3 Program Support & Admin. Bldg.)	Vacaville	1	77,328						Retro Commission	FY 2008/2009	Study
CDCR	CTF Soledad (Central Facility)	Soledad	1	432,325						Retro Commission	FY 2008/2009	Study
CDCR	Deuel Vocational Institute (Main Inst. Complex)	Tracy	1	638,329						Retro Commission	FY 2009/2010	Study
CDCR	Folsom SP Convert Office & Guard Bldg to Office Space	Folsom	1	20,000	New Construction	Silver	TBD	TBD	Preliminary Plans			
CDCR	Mule Creek State Prison (C1 & C2 / Receiving & Release)	Ione	1	128,424						Retro Commission	FY 2009/2010	Study
CDCR	NACYCF (Vocational/Free Ventura Bldg.)	Stockton	1	70,209						Retro Commission	FY 2006/2007	Implementation
CDCR	R J Donovan Correctional Facility (Fac 1 Voc Shops + Admin Bldg.)	San Diego	1	58,080						Retro Commission	FY 2007/2008	Study
CDCR	Valley SP for Women (Bldg. 408 - Academic Education)	Chowchilla	1	60,224						Retro Commission	FY 2007/2008	Study
CDE	Diagnostic Center	Los Angeles	1	60,000						Retro Commission	FY 2008/2009	Study
CDF	Academy - Construct Dorm Bldg & Expand Mess Hall	Ione	2	20,322	New Construction	Silver	TBD	TBD	Preliminary Plans			
CDF	Alma Helitack Base	Los Gatos	3	11,066	New Construction	Silver	TBD	TBD	Preliminary Plans			
CDF	Altaville Forest Fire Station	Altaville	3	6,479	New Construction	Silver	under 10K sq ft	no certification	Preliminary Plans			
CDF	Badger Forest Fire Station Replacement Facility	Badger	2	4,798	Homes	Silver	TBD	TBD	Preliminary Plans			
CDF	Baseline Conservation Camp - Remodel Facility	Jamestown	5	12,412	New Construction	Silver	TBD	TBD	Working Drawings			
CDF	Batterson Forest Fire Station - Relocate Facility	SE of Oakhurst	2	4,051	New Construction	Silver	under 10K sq ft	no certification	Preliminary Plans			
CDF	Bautista Conservation Camp - Remodel Facility	Beaumont	7	15,540	New Construction	Silver	TBD	TBD	Working Drawings			
CDF	Bieber Forest Fire Station/Helitack Base	Lassen	6	25,000	New Construction	Silver	TBD	TBD	Acquisition			
CDF	Booneville Forest Fire Station - Replace Facility	Booneville	4	9,628	New Construction	Silver	under 10K sq ft	no certification	Preliminary Plans			
CDF	Cloverdale Forest Fire Station - Replace Facility	Cloverdale	2	5,752	New Construction	Silver	under 10K sq ft	no certification	Preliminary Plans			
CDF	Coffax Forest Fire Station - Replace Facility	Coffax	2	4,831	New Construction	Silver	under 10K sq ft	no certification	Preliminary Plans			
CDF	Fenner Canyon Conservation Camp Const Admin Bldg	Val Yermo	3	11,000	New Construction	Silver	TBD	TBD	Preliminary Plans			
CDF	Growlersburg Conservation Camp	El Dorado Co	17	74,000	New Construction	Silver	TBD	TBD	Preliminary Plans			
CDF	Hollister Air Attack Base Relocation	Hollister	7	14,100	New Construction	Silver	TBD	TBD	Acquisition/Preliminary Plans			
CDF	Intermountain Conservation Camp	Bieber	5	29,300	New Construction	Silver	TBD	TBD	Preliminary Plans			
CDF	Ishi Conservation Camp	Tehama Co.	14	40,000	New Construction	Silver	TBD	TBD	Preliminary Plans			
CDF	Los Posadas Forest Fire Station	Napa Co.	2	6,000	New Construction	Silver	under 10K sq ft	no certification	Preliminary Plans			
CDF	Miramonte Conservation Camp	Miramonte	18	75,000	New Construction	Silver	TBD	TBD	Preliminary Plans			
CDF	Nevada City Forest Fire Station	Nevada City	4	16,000	New Construction	Silver	TBD	TBD	Preliminary Plans			
CDF	Paso Robles Fire Station	Paso Robles	4	8,300	New Construction	Silver	under 10K sq ft	no certification	Preliminary Plans			
CDF	Red Bluff Fores Fire Station/Unit Headquarters	Red Bluff	12	42,000	New Construction	Silver	TBD	TBD	Preliminary Plans			
CDF	South Operations Headquarters - Relocate Facility	Riverside	6	43,700	New Construction	Silver	TBD	TBD	Working Drawings			
CDF	Ukiah Air Attack Base - Relocate Facility	Ukiah	3	10,282	New Construction	Silver	TBD	TBD	Acquisition/Preliminary Plans			
CDF	Warner Springs Forest Fire Station - Replace Facility	Warner Springs	2	4,830	New Construction	Silver	under 10K sq ft	no certification	Working Drawings			
CHP	Academy	Bryte	1	163,000						Retro Commission	FY 2006/2007	Implementation
CHP	Bldg B, 2555 First Avenue	Sacramento	1	69,100	Existing Building	Silver	Feb-08	FY 2013/2014	Study	Retro Commission	FY 2010/2011	Study
CHP	New Area Office	Fresno	2	25,000	New Construction	Silver	TBD	TBD	Acquisition			
CHP	New Area Office	Mojave	2	11,000	New Construction	Silver	TBD	TBD	Acquisition			
CHP	New Area Office	Grass Valley	2	11,000	New Construction	Silver	TBD	TBD	Acquisition			
CHP	Oakhurst Area Office - Replacement Facility	Oakhurst	1	9,558	New Construction	Silver	TBD	TBD	Acquisition/Preliminary Plans			
CHP	Oceanside Area Office - Replacement	Oceanside	1	20,800	New Construction	Silver	TBD	TBD	Acquisition/Preliminary Plans			
CHP	San Diego Area Office, Building Alterations	San Diego	1	11,800	New Construction	Silver	TBD	TBD	Working Drawings			
CHP	Santa Fe Springs Area Office, Replace Facility	Santa Fe Springs	1	23,000	New Construction	Silver	TBD	TBD	Preliminary Plans			
CLC	California State Lottery, Bldg. A, B & C	Sacramento	3	189,753						Retro Commission	FY 2006/2007	Implementation
CLC	California State Lottery, Bldg. D	Sacramento	1	77,527						Retro Commission	FY 2006/2007	Implementation
CSC	CA African American Museum Renovation and Expansion	Los Angeles	1	105,000	New Construction	Silver	TBD	TBD	Preliminary Plans			
CSC	California Science Center (Museum)	Los Angeles	1	154,106						Retro Commission	FY 2007/2008	Study
CSC	California Science Center (Phase I Bldg.)	Los Angeles	1	200,927						Retro Commission	FY 2007/2008	Study

DGS Green Building Program

Building Owner	Project/Building Name	Location	Number of Buildings		Square Feet	LEED Type	LEED Level	LEED Registration	LEED Certification	LEED			RCx Phase: Feb 2008
										Phase: Feb 2008	Retro Commission	Project Date	
DAA	San Diego Fairgrounds (Exhibit Hall, O'Brien Hall, Coliseum)	Del Mar	1		202,565						Retro Commission	FY 2008/2009	Study
DDS	Fairview Developmental Center (R&T)	Costa Mesa	1		301,635						Retro Commission	FY 2006/2007	Implementation
DDS	Lanterman Developmental Center (Acute Hospital B50)	Pomona	1		127,093						Retro Commission	FY 2007/2008	Study
DDS	Porterville Developmental Center, New Main Kitchen	Porterville	1		29,000	New Construction	Silver	TBD	TBD	Preliminary Plans			
DDS	Porterville Developmental Center, Administration	Porterville	1		110,712						Retro Commission	FY 2007/2008	Study
DFA	Agriculture Annex, 1215 O Street	Sacramento	1		112,300	Existing Building	Silver	Feb-08	FY 2009/2010	Study			
DFA	Plant Pest Diagnostics Laboratory	Sacramento	1		50,840						Retro Commission	FY 2006/2007	Implementation
DGS	Agriculture, 1220 N Street	Sacramento	1		127,010	Existing Building	Silver	Feb-08	FY 2009/2010	Study	Retro Commission	FY 2008/2009	Study
DGS	Attorney General Office Bldg., 1300 "I" Street	Sacramento	1		381,025	Existing Building	Silver	Feb-08	FY 2008/2009	Study	Retro Commission	FY 2007/2008	Study
DGS	Bateson, 1600 Ninth Street	Sacramento	1		267,000	Existing Building	Silver	Feb-08	FY 2008/2009	Study	Retro Commission	FY 2007/2008	Study
DGS	Board of Equalization Bldg., 450 N Street	Sacramento	1		568,000	Existing Building	Silver	Feb-08	FY 2007/2008	Study	Retro Commission	FY 2006/2007	Study
DGS	Bonderson Bldg., 901 P Street	Sacramento	1		137,297	Existing Building	Silver	Feb-08	FY 2011/2012	Study			
DGS	Caltrans, 1120 N Street	Sacramento	1		445,600	Existing Building	Silver	Feb-08	FY 2011/2012	Study	Retro Commission	FY 2008/2009	Study
DGS	CAL/EPA Headquarters	Sacramento	1		950,000	Existing Building	Platinum	N/A	Dec-04	Complete	Retro Commission	FY 2010/2011	Study
DGS	California Towers, 3737 Main Street	Riverside	1		162,000	Existing Building	Silver	Feb-08	FY 2010/2011	Study	Retro Commission	FY 2006/2007	Study
DGS	Caltrans Dist. 11, 4050 Taylor Street	San Diego	1		301,000	Existing Building	Silver	Feb-08	TBD	Study	Retro Commission	FY 2009/2010	Study
DGS	Central Plant, 625 Q Street	Sacramento	1		500,000	New Construction	Gold	TBD	TBD	Construction			
DGS	District 3 Office Building Replacement	Marysville	2		230,000	New Construction	Silver	TBD	TBD	Preliminary Plans			
DGS	Justice Building, 4949 Broadway	Sacramento	1		382,330	Existing Building	Silver	Feb-08	TBD	Study	Retro Commission	FY 2007/2008	Study
DGS	DOR, 721 Capitol Mall	Sacramento	1		145,800	New Construction	Silver	N/A	Nov-07	Complete	Retro Commission	FY 2009/2010	Study
DGS	East End Complex (Education), 1430 N Street	Sacramento	1		502,419	Existing Building	Platinum	N/A	Jul-06	Complete	Retro Commission	FY 2009/2010	Study
						New Construction	Gold	N/A	Jan-03	Complete	Retro Commission	FY 2009/2010	Study
DGS	East End Complex, 1500 Capitol Avenue	Sacramento	1		177,992	Existing Building	Gold	N/A	Feb-08	Complete	Retro Commission	FY 2009/2010	Study
						New Construction	Certified	N/A	Feb-04	Complete	Retro Commission	FY 2009/2010	Study
DGS	East End Complex, 1501 Capitol Avenue	Sacramento	1		433,360	Existing Building	Gold	N/A	Feb-08	Complete	Retro Commission	FY 2009/2010	Study
						New Construction	Certified	N/A	Feb-04	Complete	Retro Commission	FY 2009/2010	Study
DGS	East End Complex, 1615 Capitol Avenue	Sacramento	1		217,903	Existing Building	Gold	N/A	Feb-08	Complete	Retro Commission	FY 2009/2010	Study
						New Construction	Certified	N/A	Feb-04	Complete	Retro Commission	FY 2009/2010	Study
DGS	East End Complex, 1616 Capitol Avenue	Sacramento	1		248,118	Existing Building	Gold	N/A	Feb-08	Complete	Retro Commission	FY 2009/2010	Study
						New Construction	Certified	N/A	Feb-04	Complete	Retro Commission	FY 2009/2010	Study
DGS	EDD Solar, 750-751 N Street	Sacramento	1		236,000	Existing Building	Silver	Feb-08	FY 2009/2010	Study	Retro Commission	FY 2008/2009	Study
DGS	EDD, 800 Capitol Mall	Sacramento	1		505,823	Existing Building	Silver	Feb-08	FY 2009/2010	Study	Retro Commission	FY 2008/2009	Study
DGS	Elihu Harris Building, 1515 Clay Street	Oakland	1		506,380	Existing Building	Silver	Feb-08	FY 2012/2013	Study	Retro Commission	FY 2011/2012	Study
DGS	Energy Commission, 1516 Ninth Street	Sacramento	1		145,476	Existing Building	Silver	Feb-08	FY 2007/2008	Study	Retro Commission	FY 2007/2008	Study
DGS	Franchise Tax Board (San Francisco, Sacramento) Building	Sacramento	3		999,839	New Construction	Silver	N/A	Feb-08	Complete	Retro Commission	FY 2010/2011	Study
DGS	Franchise Tax Board, Los Angeles Building	Sacramento	1		466,000	Existing Building	Silver	Feb-08	FY 2007/2008	Study	Retro Commission	FY 2006/2007	Study
DGS	Franchise Tax Board, San Diego Building	Sacramento	1		385,000	Existing Building	Silver	Feb-08	FY 2007/2008	Study	Retro Commission	FY 2006/2007	Study
DGS	Fresno State Bldg., 2550 Mariposa Street	Fresno	1		174,600	Existing Building	Silver	Feb-08	FY 2008/2009	Study	Retro Commission	FY 2007/2008	Study
DGS	Jesse Unruh, 915 Capitol Mall	Sacramento	1		162,000	Existing Building	Silver	Feb-08	FY 2008/2009	Study	Retro Commission	FY 2007/2008	Study
DGS	Legislative Office Bldg., 1020 N Street	Sacramento	1		240,735	Existing Building	Silver	Feb-08	FY 2012/2013	Study	Retro Commission	FY 2011/2012	Study
DGS	Library/Courts Building, 914 Capitol Mall	Sacramento	1		185,940	New Construction	Silver	TBD	TBD	Preliminary Plans	Retro Commission	FY 2011/2012	Study
						Existing Building	Silver	Feb-08	FY 2012/2013	Study	Retro Commission	FY 2011/2012	Study
DGS	Library & Courts II Annex, 900 N Street	Sacramento	1		149,943	Existing Building	Silver	Feb-08	FY 2012/2013	Study	Retro Commission	FY 2011/2012	Study
DGS	Mission Valley Bldg., 7575 Metropolitan Drive	San Diego	1		250,000	Existing Building	Silver	Feb-08	FY 2007/2008	Study	Retro Commission	FY 2006/2007	Study
DGS	New Junipero Serra State Office Bldg., 320 W 4th Street	Los Angeles	1		451,000	Existing Building	Silver	Feb-08	FY 2007/2008	Study	Retro Commission	FY 2006/2007	Implementation
DGS	Office Building, 714 P Street	Sacramento	1		303,390	New Construction	Silver	Feb-08	FY 2008/2009	Construction	Retro Commission	FY 2009/2010	Study
DGS	Office Building, 744 P Street	Sacramento	1		303,520	New Construction	Silver	Feb-08	FY 2009/2010	Construction	Retro Commission	FY 2009/2010	Study
DGS	Office of Emergency Services, 3650 Schriever Avenue	Rancho Cordova	1		117,000	Existing Building	Silver	Feb-08	FY 2012/2013	Study	Retro Commission	FY 2008/2009	Study
DGS	Public Utilities Commission Building, 505 Van Ness Avenue	San Francisco	1		293,340	Existing Building	Silver	Feb-08	FY 2007/2008	Study	Retro Commission	FY 2011/2012	Study
DGS	Resources Agency Consolidation	Sacramento	2		1,400,000	New Construction	Silver	TBD	TBD	Acquisition/Preliminary Plans			
DGS	Resources Building, 1416 Ninth Street	Sacramento	1		656,625	Existing Building	Silver	Feb-08	FY 2009/2010	Study	Retro Commission	FY 2008/2009	Study
DGS	Ronald Reagan State Bldg., 300 S. Spring Street	Los Angeles	1		850,000	Existing Building	Silver	Feb-08	FY 2008/2009	Study	Retro Commission	FY 2007/2008	Study
DGS	San Diego State Building, 1350 Front Street	San Diego	1		174,100	Existing Building	Silver	Feb-08	FY 2011/2012	Study			
DGS	San Francisco Civic Center Bldg., 455 Golden Gate Ave.	San Francisco	1		1,105,000	Existing Building	Silver	Feb-08	FY 2007/2008	Study	Retro Commission	FY 2011/2012	Study
DGS	San Jose State Bldg., 100 Paseo De San Antonio	San Jose	1		130,000	Existing Building	Silver	Feb-08	FY 2008/2009	Study	Retro Commission	FY 2007/2008	Study
DGS	Santa Ana State Building, 28 Civic Center Plaza	Santa Ana	1		138,525	Existing Building	Silver	Feb-08	FY 2009/2010	Study	Retro Commission	FY 2011/2012	Study
DGS	Santa Rosa State Bldg., 50 D Street	Santa Rosa	1		97,397	Existing Building	Silver	Feb-08	FY 2007/2008	Study	Retro Commission	FY 2006/2007	Implementation

DGS Green Building Program

Building Owner	Project/Building Name	Location	Number of		LEED Type	LEED Level	LEED Registration	LEED Certification	LEED			RCx Phase: Feb 2008
			Buildings	Square Feet					Phase: Feb 2008	Retro Commission	Project Date	
DGS	Secretary of State, 1500 11th Street	Sacramento	1	460,000	Existing Building	Silver	Feb-08	FY 2008/2009	Study	Retro Commission	FY 2007/2008	Study
DGS	State Capitol Building	Sacramento	1	582,250	Existing Building	Silver	Feb-08	FY 2012/2013	Study	Retro Commission	FY 2011/2012	Study
DGS	State Personnel Board, 801 Capitol Mall	Sacramento	1	84,400	Existing Building	Silver	Feb-08	FY 2009/2010	Study	Retro Commission	FY 2008/2009	Study
DGS	State Printing Facility (OSP)	Sacramento	1	250,000	New Construction	Silver	TBD	TBD	Study			
DGS	State Printing Plant, 344 North Seventh Street	Sacramento	1	323,460	Existing Building	Silver	Feb-08	FY 2012/2013	Study			
DGS	State Record Center & Warehouse, 1501 Cebrian Street	Sacramento	1	82,682	Existing Building	Silver	Feb-08	FY 2011/2012	Study			
DGS	Stockton State, 31 East Channel Street	Stockton	1	63,548	Existing Building	Silver	Feb-08	FY 2008/2009	Study	Retro Commission	FY 2007/2008	Study
DGS	Van Nuys State Building, 6150 Van Nuys Blvd.	Van Nuys	1	147,495	Existing Building	Silver	Feb-08	FY 2010/2011	Study	Retro Commission	FY 2009/2010	Study
DGS	Veterans Affairs, 1227 O Street	Sacramento	1	128,050	Existing Building	Silver	Feb-08	FY 2009/2010	Study			
DHS	Richmond Laboratory Complex	Richmond	2	332,000						Retro Commission	FY 2009/2010	Study
DHS	Richmond Laboratory Complex (Phase I Laboratory/Office Facility)	Richmond	1	160,000						Retro Commission	FY 2006/2007	Implementation
DMH	Metropolitan State Hosp. (S.N.F., Clinical Admin., R&T, CT WEST/EAST	Norwalk	1	513,001						Retro Commission	FY 2007/2008	Study
DMH	Metropolitan State Hospital - Central Kitchen & Satellites	Norwalk	1	27,200	New Construction	Silver	TBD	TBD	Preliminary Plans			
DMH	Napa State Hospital - Construct New Kitchen	Napa	1	29,000	New Construction	Silver	TBD	TBD	Preliminary Plans			
DMH	Napa State Hospital (Various Bldgs. & Wards)	Napa	1	811,577						Retro Commission	FY 2008/2009	Study
DMH	Patton State Hospital - Buildings H&J	Los Angeles	3	61,974	New Construction	Silver	TBD	TBD	Preliminary Plans			
DMH	Patton State Hospital - Construct New Kitchen	Patton	1	29,000	New Construction	Silver	TBD	TBD	Preliminary Plans			
DMV	DMV Headquarters, 2415 1st Avenue	Sacramento	1	518,364	Existing Building	Silver	Feb-08	FY 2013/2014	Study	Retro Commission	FY 2010/2011	Study
DMV	Headquarters 5th Floor Renovation	Sacramento	0	75,000	Commercial Interior	Silver	TBD	TBD	Construction			
DMV	Headquarters 6th Floor Renovation & Central Plant	Sacramento	0	75,000	New Construction	Silver	TBD	TBD	Preliminary Plans			
DMV	Hollywood Field Office, Lease	Hollywood	1	10,000	New Construction	Silver	TBD	TBD	Construction			
DMV	Lincoln Park New/Replacement Field Office	Los Angeles	1	11,000	New Construction	Silver	TBD	TBD	Acquisition			
DMV	Lodi New/Replacement Field Office	Lodi	1	8,000	New Construction	Silver	TBD	TBD	Acquisition			
DMV	New Driver Safety Office, Stockton	Stockton	1	10,000	New Construction	Silver	TBD	TBD	Preliminary Plans			
DMV	New Field Office	Clovis	1	9,972	New Construction	Silver	TBD	TBD	Complete			
DMV	New Field Office	Moreno Valley	1	15,216	New Construction	Silver	TBD	TBD	Working Drawings			
DMV	New Field Office	Tracy	1	9,972	New Construction	Silver	TBD	TBD	Working Drawings			
DMV	Field Office Reconfigure	Redding	1	7,000	New Construction	Silver	TBD	TBD	Preliminary Plans			
DMV	Headquarters West Office Bldg.	Sacramento	1	260,158						Retro Commission	FY 2006/2007	Study
DMV	San Bernardino Field Office Reconfigure.	San Bernardino	1	10,000	New Construction	Silver	TBD	TBD	Preliminary Plans			
DMV	San Ysidro DMV Field Office	San Ysidro	1	14,659	New Construction	Gold	N/A	Feb-07	Complete			
DMV	Stockton Field Office Reconfigure	Stockton	1	7,000	New Construction	Silver	TBD	TBD	Preliminary Plans			
DMV	Thousand Palms Replacement Field Office	Thousand Palms	1	11,000	New Construction	Silver	TBD	TBD	Acquisition			
DMV	Victorville Field Office Reconfigure	Victorville	1	9,000	New Construction	Silver	TBD	TBD	Preliminary Plans			
DOE	Academic, Support, Bus Loop	Riverside	9	21,000	New Construction	Silver	TBD	TBD	Preliminary Plans			
DOE	Central Plant CSDR	Riverside	1	5,000	New Construction	Silver	TBD	TBD	Construction			
DOE	CTEC CA School for the Deaf	Riverside	2	10,720	New Construction	Silver	TBD	TBD	Preliminary Plans			
DOE	Dormitories, CA School for the Deaf	Riverside	14	112,530	New Construction	Silver	TBD	TBD	Working Drawings			
DOE	Gymnasium & Swimming Pool Renovation	Riverside	1	45,000	New Construction	Silver	TBD	TBD	Preliminary Plans			
DOT	Caltrans Laboratory (Main Lab Bldg.)	Sacramento	1	57,520						Retro Commission	FY 2008/2009	Study
DOT	Caltrans Headquarters	Sacramento	3	451,108						Retro Commission	FY 2008/2009	Study
DOT	Caltrans TMC (LA), 2901 West Broadway	Los Angeles	1	88,581	Existing Building	Silver	Feb-08	FY 2013/2014	Study			
DOT	District 1 Office Building	Eureka	1	77,466						Retro Commission	FY 2009/2010	Study
DOT	District 4 Office Building	Oakland	1	525,000						Retro Commission	FY 2006/2007	Study
DOT	District 6 Office Building	Fresno	1	63,247						Retro Commission	FY 2010/2011	Study
DOT	District 10 Office Building	Stockton	1	63,560	Existing Building	Silver	Feb-08	FY 2013/2014		Retro Commission	FY 2007/2008	Study
DOT	District 7 Office Building	Los Angeles	1	759,120	New Construction	Silver	N/A	Jan-06	Complete	Retro Commission	FY 2010/2011	Study
DOT	District 7, 11th floor Tenant Improvement	Los Angeles	0	17,000	Commercial Interior	Silver	N/A	Nov-07	Complete			
DOT	Inland Empire TMC	Fontana	1	45,144	New Construction	Silver	TBD	TBD	Working Drawings			
DOT	Philip Raine SRRA (Green Rest Stop)	Tipton	6	5,000	New Construction	Silver	TBD	TBD	Preliminary Plans			
DOT	San Bernardino Government Center Office Bldg.	San Bernardino	1	313,869						Retro Commission	FY 2006/2007	Implementation
DOT	Traffic Mgmt. Center (TMC)	Irvine	1	55,000	Existing Building	Silver	Feb-08	FY 2013/2014	Study	Retro Commission	FY 2009/2010	Study
DOT	Traffic Mgmt. Center (TMC)	Los Angeles	1	88,851						Retro Commission	FY 2009/2010	Study
DOT	Transbay Terminal	San Francisco	1	221,447	Existing Building	Silver	Feb-08	FY 2013/2014	Study			
DPH	BSL 3 Suite Lab Remodel	Richmond	1	2,000	New Construction	Silver	under 10K sq ft	no certification	Preliminary Plans			
DPR	Railroad Museum	Sacramento	1	100,000						Retro Commission	FY 2006/2007	Implementation
DTS	Data Center, Gold Campus (Stephen P. Teale)	Rancho Cordova	1	137,275						Retro Commission	FY 2006/2007	Study

Building Owner	Project/Building Name	Location	Number of Buildings	Square Feet	LEED Type	LEED Level	LEED Registration	LEED Certification	LEED	Retro Commission	Project Date	RCx Phase:
									Phase: Feb 2008			Feb 2008
DVA	Headquarters Office Building	Sacramento	1	128,050								
DVA	Member Services Building	Yountville	1	70,000	New Construction	Silver	TBD	TBD	Preliminary Plans	Retro Commission	FY 2008/2009	Study
DVA	New Veterans Home	Lancaster	1	47,000	Green Guide for Health Care		TBD	TBD	Construction			
DVA	New Veterans Home	Saticoy	1	47,000	Green Guide for Health Care		TBD	TBD	Construction			
DVA	New Veterans Home	Los Angeles	2	379,000	Green Guide for Health Care		TBD	TBD	Construction			
DVA	New Veterans Home	Redding	1	108,000	New Construction	Silver	TBD	TBD	Preliminary Plans			
DVA	New Veterans Home	Fresno	1	216,000	New Construction	Silver	TBD	TBD	Preliminary Plans			
DVA	Veterans Home, Building A	Chula Vista	1	122,298						Retro Commission	FY 2006/2007	Implementation
DVA	Veterans Home, Building A	Barstow	1	112,345						Retro Commission	FY 2008/2009	Study
DVA	Veterans Home, Main Hospital	Yountville	1	252,700						Retro Commission	FY 2009/2010	Study
DWR	New Science Center	Rio Vista	3	105,527	New Construction	Silver	TBD	TBD	Acquisition/Preliminary Plans			
DWR	Pear Blossom Admin. Building	Pear Blossom	1	15,000	New Construction	Silver	TBD	TBD	Preliminary Plans			
EDD	Office Building, 745 Franklin Street	San Francisco	1	59,761	Existing Building	Silver	Feb-08	FY 2013/2014	Study	Retro Commission	FY 2009/2010	Study
MIL	Camp San Luis Obispo (USPFO HQ Bldg. NR632)	San Luis Obispo	1	96,000						Retro Commission	FY 2008/2009	Study
MIL	Fresno Armory	Fresno	1	62,183						Retro Commission	FY 2008/2009	Study
MIL	Long Beach Armory	Long Beach	1	69,869						Retro Commission	FY 2007/2008	Study
OES	LA Crime Lab	Los Angeles	1	209,080	New Construction	Silver	TBD	TBD	Construction			
PERS	Expansion, P Street	Sacramento	1	560,000	New Construction	Gold	N/A	Aug-06	Complete			
SLC	Huntington Field Office	Seal Beach	1	3,000	New Construction	Silver	under 10K sq ft	no certification	Preliminary Plans			
STRS	Headquarters, 3rd Street	West Sacramento	1	400,000	New Construction	Gold	TBD	TBD	Construction			

**Bldg. Owner**

- DOE Department of Education
- DHS Department of Health Services
- DOT Department of Transportation
- PERS Public Employees' Retirement System
- DMV Department of Motor Vehicles
- DGS Department of General Services
- CDF California Department of Forestry and Fire Protection (Cal FIRE)
- DPH Department of Public Health
- SLC State Lands Commission
- CCC California Conservation Corps
- CDCR California Department of Corrections & Rehabilitation
- CHP California Highway Patrol
- CSC California Science Center
- DDS Department of Developmental Services
- DMH Department of Mental Health
- DVA Department of Veterans Affairs
- DWR Department of Water Resources
- FTB Franchise Tax Board
- OES Office of Emergency Services
- STRS State Teachers' Retirement System
- EDD Employment Development Department
- ARB Air Resources Board
- CLC California Lottery Commission
- DFA Department of Food & Agriculture
- DPR Department of Parks & Recreation
- DTS Department of Technology Services
- MIL Department of Military
- CDE California Department of Education
- DAA District Agriculture Associations
- LEG Legislature