

Analysis of Unallocated Balances and New Authorizations for the General Bonding Subcommittee

March 17, 2015
1:00 PM



OFFICE OF FISCAL ANALYSIS

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I. Hearing Schedule

The attached information was developed by OFA staff members for the legislative members of the GO Bonding Subcommittee.

General Bonding Subcommittee Hearings on Tuesday, March 17, 2015

Time	Agency	Analyst	Page
1:00 - 2:00	Capital Region Development Authority	Evelyn Arnold	4
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	Connecticut Innovations, Inc.		18
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4:00 - 4:14	Office of the State Comptroller: Connecticut Public Broadcasting Network	Holly Williams	54

II. Agency Write-ups

**Capital Resource Development Authority
Department of Housing
Connecticut Innovations, Inc.
Department of Economic & Community Development**

OFA Analyst: Evelyn Arnold

Capital Resource Development Authority

Description	Unallocated 2/1/15 \$	Proposed FY 16 \$	Proposed FY 17 \$
Capital Region Development Authority			
Agency Projects and Program			
Connecticut Convention Center and Rentschler Field - Alterations, renovations and improvements at the Connecticut Convention Center and Rentschler Field	832,500	5,500,000	3,500,000
XL Center in Hartford - Alterations, renovations and improvements at the XL Center in Hartford	2,000,000	-	-
Grant-in-aid for the purpose of encouraging development in the Hartford area, including promoting: (1) economic development and tourism and (2) residential housing development	30,000,000	-	-
Grant-in-aid Programs			
Grant-in-aid to the Tennis Foundation of Connecticut for capital improvements	-	1,500,000	1,500,000
Residential housing development - Grants or loans for residential housing development	17,675,373	30,000,000	30,000,000

Agency Projects and Programs

Connecticut Convention Center and Rentschler Field - Alterations, renovations and improvements at the Connecticut Convention Center and Rentschler Field (\$832,500 unallocated; \$5,500,000 in FY 16 and \$3,500,000 in FY 17 proposed by the Governor)

The use of the funds at Rentschler Field, and Connecticut Convention Center is indicated in the table below.

CT Convention Center and Rentschler Field Alteration and Renovation Projects

Project	Unallocated \$	Proposed		TOTAL \$
		FY 16 \$	FY 17 \$	
Rentschler Field	417,500	2,000,000	1,500,000	3,917,500
CT Convention Center	415,000	3,500,000	2,000,000	5,915,000
TOTAL	832,500	5,500,000	3,500,000	9,832,500

Rentschler Field- Originally, a capital reserve within Rentschler Field’s enterprise fund was used for capital improvements. However, the annual operating budget is no longer sufficient to provide funding for capital repairs needed due to normal wear and tear. The State Bond Commission (SBC) allocated \$2.8 million in July 2013 to replace the main scoreboard (\$2 million) and other capital items including: (1) concourse waterproofing repairs, (2) energy efficiency replacements, (3) modernization of the building’s sound and IT systems and (4) new field equipment. In November 2014 the SBC allocated an additional \$400,000 for: (5) concession stand upgrades, (6) electrical upgrades, (7) repair of concourse leaks and (8) field wall repairs.

The \$417,500 unallocated balance for Rentschler will be used to repair and caulk the lower bowl and for life safety items.

The proposed authorizations of \$2.0 million in FY 16 and \$1.5 million in FY 17 would be used for projects as indicated in the table below.

Project	FY 16 \$	FY 17 \$	TOTAL \$
Parking Lot Development & Upgrades	800,000	1,200,000	2,000,000
Operational Capital Projects	555,000	85,000	640,000
Cost Savings Capital Projects	595,000	25,000	620,000
Revenue Generating Capital Projects	50,000	190,000	240,000
TOTAL	2,000,000	1,500,000	3,500,000

CT Convention Center – Previously, an operating budget reserve account had provided sufficient funding to cover capital repairs. However, the building’s systems are beginning to wear and the amount needed for repairs is increasing. The State Bond Commission allocated \$2.495 million in November 2014 for: (1) replacement of furnishings, (2) performance equipment and items critical to maintain event expectations, (3) replacement of address door systems, exterior lighting, carpeting, and (4) repair or replacement of concrete, window and other life safety items.

The \$415,000 unallocated balance for this facility will be used for repair and upgrade of the building’s management system and mechanical system.

Proposed authorizations of \$3.5 million in FY 16 and \$2 million in FY 17 would be used for projects as indicated in the table below.

FY 16 and FY 17 Connecticut Convention Center Projects

Project	FY 16 \$	FY 17 \$	TOTAL \$
Building Management Systems	365,000	100,000	465,000
Exhibit Hall and Catering equipment and Improvements	-	1,105,000	1,105,000
Building Mechanical & Engineering and Energy Management Systems	705,000	795,000	1,500,000
Building Exterior Masonry work and EIFS upgrades	2,430,000	-	2,430,000
TOTAL	3,500,000	2,000,000	5,500,000

XL Center in Hartford: Alterations, renovations and improvements at the XL Center in Hartford (\$2,000,000 unallocated) – As of February 2014 the State Bond Commission allocated a total of \$33 million for improvements at the XL Center, including: (1) electrical, mechanical and plumbing upgrades and replacements, (2) concession, rest room and locker room upgrades and (3) seating, security, technology, signage and lighting upgrades. Construction began in March 2014 with 80% of the project completed by December 2014. CRDA anticipates substantial completion as of summer 2015.

Background: Assessments conducted on the XL Center indicate that the building needs investment over the next ten years on its mechanical systems, including: (1) renovating and replacing the electrical, mechanical and plumbing infrastructure and (2) upgrading concession areas, rest rooms, locker rooms, seating, security, technology, signage and lighting. Other long term improvements include new club and luxury seating areas and a new concourse fan club area.

The XL Center, formerly known as the Hartford Civic Center, is a multi-purpose arena and convention center located in downtown Hartford. It is owned by the City of Hartford and was leased by the Connecticut Development Authority. The facility is now leased and managed by the Capital Regional Development Authority. It is actively operated by Global Spectrum.

In December 2007, the Center was renamed when the arena's naming rights were sold to XL Capital insurance company in a six-year agreement. The arena is ranked the 28th largest among college basketball arenas. Opened in 1974 as the Hartford Civic Center and originally located adjacent to a shopping mall (Civic Center Mall, which was demolished in 2004), it consists of two facilities: the Veterans Memorial Coliseum and the Exhibition Center.

The Coliseum is the full-time home of the Hartford Wolf Pack AHL hockey team and part-time home of the University of Connecticut men's and women's basketball teams.

Grant-in-aid to the Tennis Foundation of Connecticut for capital improvements (no unallocated balance; \$1,500,000 in FY 16 and \$1,500,000 in FY 17 proposed by the Governor) - The funds would be used by the Tennis Foundation of Connecticut to finance renovations and improvements listed in the table below, at the stadium (the Connecticut Tennis Center or CTC).

Proposed Renovations and Improvements at the Connecticut Tennis Center

Project	Description	Cost \$
FY 16		
Infrastructure	Upgrade and expand electrical, water and sewer services around the facility and site to serve permanent and temporary structures.	500,000
Kitchen Design	Full design phase services for future permanent kitchen that will reduce costs and generate additional revenue	150,000
Interior Renovations Design	Full design phase services for new offices in the stadium to support tournament needs and to support year around usage for incoming organizations.	150,000
Internet	Upgrade connectivity for patron transactions, media, staff and vendors	150,000
Phase 1 Interior Renovations	Renovations to the players' lounge and media center to meet the current functional space requirements of the tournament	\$550,000
TOTAL		1,500,000
FY 17		
Phase 1 kitchen	Provide permanent commercial kitchen facility.	500,000
Phase 2 Interior Renovations	Continued construction of permanent offices in players' lounge and media center.	500,000
Elevator	Add elevator for improved accessibility and for kitchen service support.	500,000
TOTAL		1,500,000

Background:

Background: CRDA purchased the rights to the New Haven women's professional tennis tournament in October 2013 with \$618,000 from the Manufacturing Assistance Act. CRDA leases operation of the tournament to the non-profit Tennis Foundation of Connecticut (TFC), which also serves as the landlord of the Connecticut Tennis Center.

The Cullman-Heyman Tennis Center is a tennis complex located on the campus of Yale University in New Haven, Connecticut. The complex consists of 22 outdoor and eight indoor DecoTurf hardcourts, and five outdoor clay courts. The stadium, known as the Connecticut Tennis Center, was built in 1991, and by 2009 it had seats for 13,000 spectators. The current capacity is around 15,000, making it the third largest tennis venue in the United States and one of the largest in the world by capacity.

The TFC's FY14 budget consisted of four primary revenue sources including: grant revenue (\$219,000), sponsorship revenue (\$3,475,000), ticket revenue (\$699,000), and other revenue (\$606,000). Grant revenue was received through an aid agreement with CRDA, which is primarily funded from an annual General Fund appropriation (\$400,000 in FY 14). The Governor's proposed General Fund budget appropriates \$600,000 in each of FY 16 and FY 17 for the tournament.

Prior State Bond Commission Allocations for the Connecticut Tennis Center

Date	Description	Amount \$
July 1990	Grant-in-aid to a private nonprofit organization for development of tennis facilities	18,000,000
February 1993	DECD: Supplemental GIA to Tennis Foundation of CT, Inc. for additional improvements	300,000
March 1994	GIA to the Tennis Foundation of Connecticut, Inc for renovations and improvements to the Connecticut Tennis Center	3,000,000
April 2013	Grant-in-aid to the Connecticut Tennis Center to finance bathroom upgrades, renovation of the west concession stand, installation of flooring in various areas and other related improvements	258,000
March 2014	Grant-in-aid to the Tennis Foundation of Connecticut for improvements to the Connecticut Tennis Center in New Haven	946,300
TOTAL		22,504,300

Grant-in-aid for the purpose of encouraging development in the Hartford area, including promoting: (1) economic development and tourism and (2) residential housing development (\$30,000,000 unallocated)

CRDA has requested \$16 million for the acquisition and initial repair of the Church Street parking garage in Hartford. The eight-story, 351,000 sq. ft. garage is located directly across the street from the XL Center (formerly the Hartford Civic Center) and is connected to that facility via a pedestrian bridge. Pursuant to the lease agreement with the City of Hartford, CRDA currently operates the XL Center and is responsible for the long-term planning for the upgrade or reconstruction of that facility. Acquiring the 1,300 parking space garage will allow CRDA to coordinate parking and XL Center operations and maintenance, thereby reducing operating costs and maximizing revenue for both facilities. In the long term, the garage may also provide needed space for expansion of the XL Center beyond its current limited footprint.

The parking garage has been appraised at \$14.6 million. A comprehensive engineering report has identified various concrete, masonry, waterproofing and mechanical issues that need to be addressed immediately in the building. The cost of implementing the most critical repair work, amounting to \$1.4 million, is included in this request.

Earmarked Grant-in-aid Programs

Grants and Loans for Residential Housing Development - (\$17,675,373 unallocated; \$30,000,000 in each of FY 16 and FY 17 proposed by the Governor) - These funds will provide grants or loans to encourage residential housing development in downtown Hartford.

Background: The Capital Region Development Authority (CRDA) seeks projects that are 80% market rate and 20% affordable and has designated a portion of its funding for small projects (less than 20 units). CRDA requires its funds to be leveraged by private lending and/or equity contributions and the amount of assistance and its nature are determined on a case by case basis.

The assistance may take the shape of equity with preferred status, a traditional mortgage or “soft” second mortgages. Development budgets will be reviewed for consistency with marketplace costs, per unit subsidy amounts, developer fee percentage, contingency and capital and operating reserves, and the certainty of other funding sources. Funding assistance must be approved by the full CRDA Board upon recommendation of the staff and the CRDA Housing Committee.

Project	# Units	TDC	TDC/Units	CRDA 'Ask'	CRDA\$/Unit	Market/ Affordable Split	Structure	CRDA Bd. Approval	Bond Commission	Closed	Target Occupancy
777 Main	286	\$84.5M	\$295K	\$17.7M	\$61.8K	80/20	\$7.5M equity \$10.2M 2nd mortgage	1/30/2013	3/13/2013	3/28/2014	Early 2015
201 Ann	26	\$4.45M	\$202K	\$3.8M/\$750K	\$28.8K	100	Initial constr. Note \$3.8M convert to 2nd mortgage at \$750K	3/21/2013 4/25/2013	6/21/2013	10/29/2013	Fall 2014
179 Allyn	63	\$14.89M	\$233K	\$6.5M	\$103K	80/20	\$3.25M equity; \$3.25M 2nd loan	3/21/2013	6/21/2013	11/15/2013	Spring 2015
Front Street	121	\$35.7M	\$310K	\$12M	\$99.1K	100	DECD grant, not part of \$60M	n/a	12/12/2007	12/17/2013	Fall 2015
Sonesta	193	\$239M	\$123K	\$2.05M	\$10.6K	85/15	Bridge HTC	6/4/2013	6/21/2013	12/5/2013	May 2015
3 Constitution	49	\$17.7M	\$361K	\$4.2M	\$87.3K	84/16	equity pkg. commercial 20K sq.	9/9/2013	2/28/2014 11/16/2014		Fall 2016
Capewell	72	\$26M	\$359K	\$2.1M	\$68K	80/20					
390 Capitol	112	\$33M	\$290K	\$7M	\$62.9K	80/20	2 loans	6/19/2014			Spring 2017
35 Lewis	6	\$1.8M	\$306K	\$550K/\$300K	\$950K	100	Construction loan/perm loan	6/19/2014	7/25/2014		Mid 2016
38-42 Elm	6	\$1.12M	\$186K	\$332,650	\$55.4K	100	Loan	6/19/2014	7/25/2014		Mid 2016
Summary	934	\$243.64M	\$260K avg.	\$49.32M1	\$62K median \$50.5K avg.	83/17	784 market/150 affordable				

Department of Housing

Description	Unallocated 2/1/15 \$	Proposed FY 16 \$	Proposed FY 17 \$
Agency Projects and Programs			
Flexible Housing Program	65,598,654	125,000,000	125,000,000
Housing Trust Fund	35,239,662	40,000,000	25,000,000
Grant-in-aid and Loan Programs			
Homelessness prevention and response fund	-	15,000,000	15,000,000
Incentive Housing Zone Program - Grants-in-aid to municipalities for the incentive housing zone program	3,500,000	-	-
Main Street Investment Fund	-	5,000,000	5,000,000
Shoreline Resiliency Fund	22,000,000	-	-
Nursing Facilities Diversification Program - Grants-in-aid to nursing facilities for alterations, renovations and improvements for conversion to other uses in support of right-sizing	29,750,000	-	-
To Connecticut Housing Finance Authority for Emergency Mortgage Assistance Program	37,000,000	-	-
Loan Program that receives an Automatic Authorization each Year			
Energy Conservation Loan Fund - Low-cost loans for various energy efficiency and renewable energy measures in residential structures.	37,500,000	5,000,000	5,000,000

Agency Projects and Programs

Flexible Housing Program: Housing Development and Rehabilitation program (\$65,598,654 unallocated; \$125,000,000 in each of FY 16 and FY 17 proposed by the Governor) - This funding supports the development and rehabilitation of affordable housing in the form of grants or loans on a competitive basis. It is anticipated that \$30 million of the unallocated balance will be used for the revitalization of the State-sponsored housing portfolio (SSHP), which is part of the Governor's ten year, \$300 million rehabilitation initiative. Currently twenty-four SSHP developments are in the process of being rehabilitated and seven will be in construction by the end of FY 15, pre-construction and pre-development work has been completed on sixteen projects and pre-development work will begin at approximately twenty other developments in preparation for rehabilitation or redevelopment. In addition to the SSHP initiative, DOH completed two special rounds in 2014 that are being funded through the Flexible Housing program: the Special Priority round (applications were due on March 3, 2014) and the Housing Innovations - Small Projects round (applications were due on October 15, 2014). DOH is currently in the process of accepting applications under a special Affordable Homeownership round which has a March 2, 2015 deadline.

Background: State Housing Portfolio Initiative – The housing units in the State Housing Portfolio were financed by bonds from the state and are owned and operated by local housing authorities, non-profits, limited partnerships and municipal developers. There are approximately 350 properties in the portfolio with 14,000 housing units. The Connecticut Finance Housing Authority (CHFA) has administrative oversight over these housing units.

In 2012, the Governor introduced a 10-year, \$300 million commitment to preserve and upgrade deteriorated and vacant units among the state-sponsored public housing portfolio. PA 12-189 authorized the first \$30 million of the ten year commitment for FY 13. Through the collaborative efforts of the Department of Housing and the Connecticut Housing Finance Authority (CHFA), the Capital Plan was created. The Capital Plan, created by a third party consultant, identifies the physical, financial and operational needs of the State-Sponsored Housing Portfolio (SSHP) properties; it makes funding, policy and regulatory recommendations and provides a roadmap for the deployment of the Governor’s \$300 million investment. Jointly, DOH and CHFA will implement the revitalization of the SSHP using The Capital Plan as that roadmap and will work with the owners of these properties to preserve them for the long term, while exploring opportunities for expansion and improvement.

Housing Trust Fund (\$44,852,662 unallocated; \$40,000,000 in FY 16 and \$25,000,000 in FY 17 proposed by the Governor) – The funding will be used to provide financial assistance (which may be in the form of grants or loans) to a wide variety of affordable housing developments statewide, including affordable housing for extremely low-income residents as well as workforce housing that is affordable to households with an income of up to 120% of the area median income. The funding may support rehabilitation projects and the construction of new units.

DOH has used the Competitive Housing Assistance for Multi-family Properties (CHAMP) initiative and other competitive funding rounds as the vehicle to allocate Housing Trust Funds. The deadlines for CHAMP 5 and CHAMP 6 rounds were in June and December 2014, respectively. State funding requests under these two rounds totaled nearly \$200 million with twice that amount in non-state leveraged funds. CHAMP 7 applications are due on June 10, 2015. Based on recent funding rounds, it is likely that a total of approximately 500 residential units will be created or preserved with each annual authorization of \$30 million, and approximately 350 of these units will be affordable pursuant to restrictive covenants in favor of the state.

Grant-in-aid and Loan Programs

Homelessness prevention and response fund (no unallocated balance; \$15,000,000 in each of FY 16 and FY 17 proposed by the Governor) – The \$30 million proposed authorization provides funding for the Zero 2016 initiative which includes: (1) ending veteran homelessness by the end of 2015 and (2) ending chronic homelessness by the

end of 2016. It will be used for two distinct purposes. First, funding will be used to finance improvements to multifamily properties in exchange for the owner's agreement to participate in a rapid rehousing program through which renovated units would be available at no or minimal cost to individuals and families who are homeless or at risk of homelessness. Rapid rehousing has been proven to be a very effective method of reducing homelessness by diverting individuals and families from shelters or enabling individuals or families in shelters to rapidly exit those shelters. In the majority of cases, the provision of a stable housing environment for a brief period (generally 6-12 months) is sufficient to enable rapid rehousing participants to permanently house themselves going forward. By expanding the number of units available for rapid rehousing, the funding included in this bond allocation will help reduce the number of individuals and families who are or may become homeless, including veterans and families in which one or more members are veterans. The second use will be to finance improvements to multifamily properties that will, after renovations are made, provide supportive housing for veterans and others who are chronically homeless. Support services will be provided in conjunction with this housing so that the success of this housing for chronically homeless residents is maximized. While this initiative is only one of many being undertaken by the state to address chronic homelessness, it will directly contribute to the goal of ending chronic homelessness by the end of 2016.

Grants-in-aid for Incentive Housing Program (\$3,500,000 unallocated) – This funding will finance grants-in-aid for the Incentive Housing Zone (IHZ) program.

Background: The state provides incentives to towns for creating IHZs in eligible locations, such as near transit facilities, an area of concentrated development or an area because of existing, planned or proposed infrastructure that is suitable for development as an IHZ. Developable land excludes publicly and privately-owned property slated for public uses, parks, recreation areas, dedicated open space land, other land where restrictions prohibit development, wetlands or watercourses and areas exceeding one-half or more acres of contiguous land where steep slopes or other topographic features make it unsuitable for development.

DOH provides grants-in-aid to municipalities for: (1) technical assistance and pre-development funds in the planning of IHZs, (2) the adoption of incentive housing zone regulations and design standards, (3) the review and revision of applicable subdivision regulations and (4) applications to DOH for preliminary or final approval.

An Incentive Housing Development (IHD) is a residential or mixed-use development that meets the following criteria: (a) is located within a DOH approved IHZ, (b) is eligible for financial incentive payments, and (c) sets aside lower cost units for a minimum of 20% of the households earning 80% or less of the area median income (AMI) for minimum of 30 years. A unit is affordable if it costs no more than 30% of a person's annual income to live there. The municipality's zoning commission must establish the IHZ as an overlay zone. The municipality receives the incentives only for IHDs that are developed in a state-approved IHZ.

There are no separate administrative funds for this program. DOH has one manager level employee who administers this program, along with several other programs and job responsibilities, with limited assistance from other employees.

About 70 municipalities have applied for financing through the program. DOH is now offering IHZ funding on a rolling basis.

The two tables below list the technical assistance and pre-development funding that was provided to municipalities over the past two years.

2013 Incentive Housing Zone Awards

Municipality	Amount awarded \$
Brookfield	20,000
Burlington	17,800
Canton	20,000
Durham	20,000
Fairfield	20,000
Haddam	20,000
Milford	20,000
North Stonington	20,000
Ridgefield	20,000
Stonington	20,000
TOTAL	197,800

2014 Incentive Housing Zone Awards

Municipality	Amount awarded \$
Andover	20,000
Barkhamsted	20,000
Canaan (Falls Village)	50,000
Clinton	20,000
Enfield	20,000
Guilford	20,000
Madison	20,000
Trumbull	20,000
Windsor Locks	20,000
TOTAL	210,000

Main Street Investment Fund (Main Street Initiative) (no unallocated balance; \$5,000,000 in each of FY 16 and FY 17 proposed by the Governor) – These funds will be used to provide grants-in-aid under the Main Street Initiative.

Background: The Main Street Initiative provides grants of up to \$500,000 to municipalities: (1) with populations of 30,000 or less or (2) that are eligible for the Small Town Economic Assistant Program (STEAP). Municipalities must use the grants for eligible projects that develop or improve their commercial centers to: (1) attract small business, (2) promote commercial viability, and (3) improve aesthetics and pedestrian access. To be eligible, a project must be part of a plan previously approved by the municipality's governing body.

Funds from this account may also be used to provide a one-time reimbursement of up to \$50,000 to any private owner of commercial property who makes eligible expenditures that directly support or enhance grant funded projects. Maximum reimbursements are: (1) 50% of the first \$50,000 of eligible private expenditures and (2) 25% for additional expenditures exceeding \$50,000, but not more than \$150,000.

The chart below shows the fourteen municipalities that were awarded in 2013.

2013 Main Street Initiative Awards

Municipality	Amount \$
Ansonia	483,000
Berlin	259,270
Burlington	377,000
Canaan	450,000
Canton	387,000
Colchester	285,000
Cornwall	70,000
Essex	435,000
Fairfield	250,000
Griswold	265,000
Killingly	500,000
Mansfield	500,000
New Canaan	215,000
Westport	497,595
TOTAL	4,973,865

DOH announced awards for thirteen new municipalities in September 2014 under this program. The State Bond Commission approved the \$5 million in funding for these 2014 projects at the January 12, 2015 meeting.

2014 Main Street Initiative Awards

Municipality	Amount \$
Berlin	204,300
Bethel	290,149
Coventry	405,000
Farmington	425,000

Municipality	Amount \$
New London	500,000
Newington	470,000
Norfolk	500,000
Pomfret	166,000
Rocky Hill	422,551
Seymour	375,000
Vernon	400,000
Wilton	425,000
Windsor	417,000
TOTAL	5,000,000

Shoreline Resiliency Fund (\$22,000,000 unallocated) – The Shore Up CT program (formerly the Shoreline Resiliency Fund) is intended to provide shoreline homeowners and businesses who are subject to coastal flooding with low-interest loans to elevate their homes and businesses from future severe weather and flooding. It focuses on assisting residents who do not qualify for receiving federal disaster aid and would otherwise have to pay significant out-of-pocket expenses for the preventative upgrades.

Background: In January 2014, the State Bond Commission allocated \$2 million in Urban Act funds to allow the Department of Housing to select a fund manager. The State Bond Commission allocated an additional \$3 million in July 2014 to capitalize the program.

The terms of loans made under this program are:

- 2.75 % (3.027% APR) fixed interest rate;
- 1% origination fee;
- Borrow \$10,000 to \$300,000 with 15 year term;
- No monthly principal or interest payments for the first 12 months;
- Borrower must maintain property, hazard, and flood insurance for the life of the loan.

Eligible properties include:

- Primary and secondary single-family homes, or 1-4 unit owner-occupied rentals. Single-family homeowners must live in the property at least 14 days per year.
- Businesses with fewer than 100 employees and in good standing with all state agencies.
- Subject to coastal flooding and located in either Zone VE or Zone AE in coastline communities as defined by FEMA and NFIP.
- These coastline municipalities are: Greenwich, Stamford, Darien, Norwalk, Westport, Fairfield, Bridgeport, Stratford, Milford, West Haven, New Haven, East Haven, Branford, Guilford, Madison, Clinton, Westbrook, Old Saybrook, Old Lyme, East Lyme, Waterford, New London, Groton, and Stonington.
- Must be up-to-date with all local, state, and federal taxes.

For new elevation projects, residential properties must be elevated at least one foot above the 500-year flood height elevation. Commercial structures must be elevated to the Base Flood Elevation with a freeboard clearance of at least one foot. The Base Flood Elevation for commercial structures is the 100-year Base Flood Event.

Since the inception of the program in July 2014, around 190 homeowners have indicated their interest in applying for funding under this program. Six applicants are actively engaged in the approval process. One applicant closed the loan in the amount of \$109,000 for a refinance project.

Nursing Facilities Diversification Program (\$29,750,000 unallocated) – This funding is for nursing home right-sizing and reuse projects.

In October 2013, three Nursing Home Facilities applied for DOH funding. Upon review of the application, only one applicant was deemed to have sufficient information to receive pre-development funds. DOH is working with this applicant (Mary Wade Home, Inc) in providing pre-development funds so that appropriate costs can be developed to fund the next phase of their project.

The State Bond Commission allocated \$250,000 in March 2014 for DOH to provide grants-in-aid to licensed nursing facilities to finance assessments of capital improvement needs to diversify or establish new business models. It is expected that up to approximately \$1.5 million will be awarded to Mary Wade Home, Inc by June 2015 for the construction of the project.

In October 2014, DOH and DSS issued another RFP for eligible applicants to apply for the pre-development phase and/or construction phase funding. Applications were due January 15, 2015.

Background: The Right-Sizing Conversion program provides financial assistance to the owners of nursing facilities that are licensed by the CT Department of Public Health so that they can change or diversify their business model in a way that supports individuals on Medicaid who need Long Term Supports and Services (LTSS) but who can reside in community-based facilities rather than more expensive nursing home facilities.

Emergency Mortgage Assistance Program (\$37,000,000 unallocated) – Pursuant to sections 8-265cc to 8-265kk, inclusive, of the Connecticut general statutes, this funding supports temporary mortgage payment assistance to eligible homeowners who are facing foreclosure due to a financial hardship.

Background: The Emergency Mortgage Assistance Program (EMAP) is a foreclosure prevention program available to eligible owners of one- to four-family owner-occupied homes who are 60 days delinquent on their mortgage or anticipate becoming delinquent due to a temporary financial hardship beyond their control. CHFA

administers this program and provides eligible homeowners with up to 60 months of mortgage assistance. Loan terms are determined on an individual basis under EMAP.

To qualify for EMAP, homeowners must own only one home and have a favorable credit history prior to their recent financial hardship. They also must be financially unable to make their current mortgage payments while demonstrating that they will be able to start repaying their EMAP loan after their assistance period ends. In 2013, CHFA assisted 530 individuals and families through this program and 247 in 2014.

Energy Conservation Loan Fund - (\$37,500,000 unallocated; \$5 million in each of FY 16 and FY 17 automatic authorization) The Governor has proposed eliminating the automatic authorizations for this program.

Background: The Energy Conservation Loan (ECL) Program and the Multifamily Energy Conservation Loan Program (MEL) provide financing at below market rates to single-family and multi-family residential property owners for the purchase and installation of cost-saving energy conservation improvements. Loans may not exceed \$25,000 for Single family (1-4 units), or up to \$3,500 per unit (a maximum of \$100,000 per building) for multi-family property for a period of 10 years for eligible improvements. Loan repayment proceeds are returned to the pool of funds for the program and used to make additional program loans.

In December 2013, the state re-entered into an agreement with the Connecticut Housing Investment Fund, Inc. (CHIF) to administer this program. CHIF will receive up to \$5 million per year for three years to disperse through loans to eligible homeowners, based on State Bond Commission allocation and approval. A small portion of the funding covers CHIF's administrative expenses.

In February 2014, \$2 million of the \$5 million was allocated to sustain the program and by the end of fiscal year 2014, 219 homes were made more energy efficient. Please see the table below. The ECL program is expected to increase marketing efforts and begin to partner with other grant programs providing green energy options to homeowners in the Low to Median Income category.

ECL Program Activity FY 2014 (7/1/13-6/30/14)

Loan Type	Number	Investment \$
ECL	195	1,842,324
MEL	2	53,383
Deferred	22	160,558
TOTAL	219	2,056,265

Connecticut Innovations, Inc.

Description	Unallocated 2/1/15 \$	Proposed FY 16 \$	Proposed FY 17 \$
Agency Projects and Programs			
Biotechnology facilities - Financial aid for biotechnology and other high technology laboratories, facilities and equipment.	2,000,000	1,000,000	1,000,000
Recapitalize CII programs	60,000,000	25,000,000	-
Regenerative Medicine Research Fund (formerly the Stem Cell Research Fund)	0	10,000,000	10,000,000
Description	FY 15 \$	FY 16 \$	FY 17 \$
Agency Programs that receive Automatic Authorizations and Allocations each Year			
Connecticut Bioscience Collaboration Program (Jackson Lab)	19,669,000	21,425,000	21,108,000
Bioscience Innovation Fund	15,000,000	15,000,000	25,000,000

Agency Projects and Programs

Biotechnology Facilities (\$2 million unallocated) – These funds help qualified firms build out wet laboratory and related space to propel Connecticut’s bioscience industry. Currently, there is \$400,000 in the pipeline and another \$1,200,000 in prospects.

Connecticut Innovations expects that with the emergence of the bioscience industry as a growth sector through significant state and private investment, the need for this financing is anticipated by CI to grow exponentially in the years ahead.

Background: Since its inception in 1998, the program has committed more than \$37 million, which supported the building of 375,000 sq. ft. of lab and support space throughout the state, including 10,600 sq. ft. of transitional wet laboratory space in New Haven’s Science Park at Yale. This fund enables biotechnology and other technology companies to purchase laboratory equipment and make leasehold improvements to production, testing, research, development, manufacturing, laboratory and other related facilities.

Recapitalize CII programs (\$60 million unallocated; \$25 million authorized in FY 15) – PA 07-7, PA 10-44 & PA 11-1 of the October Special Session, authorized a total of \$125 million for grants-in-aid to recapitalize the programs of Connecticut Innovations (CII). Of this total, \$60 million is unallocated and an additional \$25 million will become available in FY 16.

Connecticut Innovations' current venture pipeline alone is over \$34 million in order to finish out FY 14 and continue through FY 15. The breakdown of the Equity Pipeline is as follows:

- \$20 million for Follow-on Funding for current portfolio,
- \$12.5 million in Equity Pipeline for new companies and
- \$1.7 million in PreSeed Funds.

Connecticut Innovations is also currently managing roughly \$9 million in annual funding to accommodate Small Business Innovation (SBI) and the Innovation Ecosystem. Both programs developed through the 2011 Jobs Session (PA 11-1 of the October Special Session).

Regenerative Medicine Research Fund (no current unallocated balance; \$10 million authorized in each of FY 16, FY 17, FY 18 and FY 19) - During the 2014 legislative session, administration of the Regenerative Medicine Research Fund (formerly the Stem Cell Research Fund) was transferred from DPH to CII. The scope of the program was also altered to reflect the following priorities:

- (a) Basic research continues to be funded but there is added emphasis on translational and clinical stage research;
- (b) Rather than focusing solely on stem cells, the program has been widened to fund work in regenerative medicine areas like tissue repair and transplantation science,
- (c) The current peer review committee has been replaced with an out-of-state peer review service¹. This simplifies and streamlines the process while maintaining the rigor of scientific evaluation.
- (d) The current Regenerative Medicine Research Fund Advisory Committee, in conjunction with CII staff and peer reviewer support, sets strategy, designs the annual Request for Proposals, and makes final decisions on which applications to fund.

Progress report: From 2006 - 2014, the Stem Cell Research Fund (SCRF) has awarded 170 grants. These numbers understate the impact of the SCRF because it has helped attract scientists to Connecticut and allowed recipients to leverage SCRF grants with federal grant awards. A review was conducted last year covering SCRF grant awards from 2006 to 2013. The results indicate that the state awarded \$68.8 million to stem cell researchers at Yale, UConn, and Wesleyan as well as two Connecticut based companies. The researchers leveraged the SCRF awards with \$290 million in federal grants. The research projects in total produced:

- Over 500 published papers
- Approximately 200 invention disclosures
- Approximately 150 patent applications

¹ An example is the American Association for the Advancement of Science (AAAS).

Background: The Stem Cell Research Fund (SCRF) was set up nearly a decade ago to fund basic research in stem cells. At that time only California, Connecticut and New Jersey publicly funded stem cell research. Operationally, the SCRF was originally set up in a way that segmented activities between the Department of Public Health (DPH) and CII.

PA 14-98 broadened the scope of the SCRF to include regenerative medicine and renamed the fund the Regenerative Medicine Research Fund. The Act also shifted the administrative responsibility from DPH to CII. Uniting the management of the program in one place is expected to increase efficiency and provides one point of contact for the program.

Under current law, the Regenerative Medicine Advisory Committee reviews and recommends grants from the fund for regenerative medicine research. The Committee directs the CEO of CII to award the grants after considering the recommendations of the Regenerative Medicine Research Peer Review Committee.

The Peer Review Committee reviews all grant applications for scientific and ethical merit, guided by the National Academies Guidelines for Human Embryonic Stem Cell Research. The members of the Peer Review Committee must have demonstrated and practical knowledge, understanding and experience of the ethical and scientific implications of regenerative medicine research.

Background on the Stem Cell Research Fund (SCRF): Between FY 06 and FY 12 SCRF was funded with an annual transfer of \$10 million from the Tobacco Settlement Fund (TSF). PA 12-1 of the December Special Session eliminated the FY 13 transfer and authorized \$10 million in General Obligation (GO) bonds for SCRF. PA 13-239 provided \$10 million authorizations in each of FY 14 and FY 15.

PA 05-149, "AA Permitting Stem Cell Research and Banning the Cloning of Human Beings," authorized the expenditure of \$10 million annually (FY 06 through FY 15) from a newly established Stem Cell Research Fund (SCRF) for embryonic and human adult stem cell research. CGS Sec. 4-28e authorized \$10 million dollars to be transferred from the Tobacco Settlement Fund (TSF) to SCRF.

Agency Programs that receive Automatic Authorizations and Allocations each Year

Connecticut Bioscience Collaboration Program (Jackson Lab) (\$19.7 million in FY 15; \$21.4 million in FY 16 and \$21.1 million in FY 17)

Progress report: The Jackson Laboratory for Genomic Medicine (JAX-GM or JGM) research building in Farmington, CT was completed on time and on budget and the new facility is now fully operational. All personnel and laboratory equipment from the temporary facility were transferred to the new building by the end of November 2014.

The transfer included: (1) re-commissioning the transferred IT and scientific equipment, (2) recertification of the Clinical Laboratory Improvement Amendments (CLIA)² clinical operation, and (3) relocating the existing staff and functions. JGM is continuing to build out the infrastructure in certain areas, including the expansion of the data center, conferencing capability, new core scientific services, facility services, etc.

There was a total of 15 faculty members on board as of December 31, 2014. Their research areas include cancer, immunology, stem cell, computational biology, human microbiome, infectious disease, human genetics, genomic structure, variation and regulation. JGM faculty published a total of 58 original research papers in 2014.

The Jackson Laboratory for Genomic Medicine has exceeded the 2014 employment goal. Below is a summary of the employee numbers as of the end of December, 2014.

Employment Goals for the Jackson Laboratory for Genomic Medicine

Q4 2014	FY 14 Proposed	Regular Employees	Visiting Scientists, Students, Postdocs	Q3 Total	% Goal
Number of Employees	125	143.0	15.0	158.0	126%
Number of Senior	38	62.0	7.0	69.0	182%

Background: The funds are part of an agreement with Jackson Laboratory (JAX) to construct a research facility and provide a research grant. The program was authorized in PA 11-2 of the October Special Session and it is administered by the Connecticut Innovations, Inc. (CII). Funding for the program is as follows:

Funding for the Connecticut Bioscience Collaboration Program (Jackson Lab)

Year	Amount \$
2012	34,162,000
2013	85,113,000
2014	59,728,000
2015	19,669,000
2016	21,425,000
2017	21,108,000
2018	15,820,000
2019	12,525,000
2020	10,565,000
2021	10,570,000
TOTAL	290,685,000

² The Centers for Medicare & Medicaid Services (CMS) regulates all laboratory testing (except research) performed on humans in the U.S. through the Clinical Laboratory Improvement Amendments (CLIA).

Agreement: Under the agreement between CII and JAX, JAX is receiving: (1) a \$192 million forgivable loan to construct a new lab facility on the University of Connecticut Health Center campus, and (2) a \$99 million grant for research and related costs over ten years. JAX is required to raise \$860 million to fund the remaining costs of the facility. The total cost for the facility is \$1.1 billion.

Requirements: JAX must establish at least 300 jobs within 10 years, of which: (1) 90 or (2) 30 percent of the total number of employees (whichever is greater), are senior scientist positions. The annual wage at the facility must be 125% of the average wage in Connecticut. JAX must give preference to hiring Connecticut residents if they meet all qualifications. JAX must also give preference to Connecticut vendors when it is cost effective and scientifically sound.

Incentives

Loan forgiveness: The \$192 million loan is forgivable when 300 employees are in place at the required average annual wage level for at least six months.

Ownership of facility/land: Under the agreement, JAX will own the facility. However, if 300 jobs are not established in the first ten-year period, then the building will revert back to the state. The land on which the facility is built will be leased to JAX for \$1 per year. If JAX creates 600 jobs in Connecticut, the company will have the right to purchase the land for \$1.

Benefits to the State of Connecticut: CII will receive a percentage of the proceeds from intellectual property as follows: (1) ten percent up to \$3 million and (2) 50 percent over \$3 million. The proceeds can come from either net royalty payments or lump sum payments from the sale of intellectual property.

If JAX leaves the state after the end of the ten-year period, the state has the right to purchase the facility at a discount, starting at 75% in year one, 50% in year two, and 25% in year three.

Bioscience Innovation Fund (\$10 million in FY 15; \$15 million in each of FY 16 and FY 17) - This funding is part of the \$200 million Connecticut Bioscience Innovation Fund (see table below), which will expend the funds over a ten-year period. Two initial authorizations of \$10 million each were made in FY 14 and FY 15 to capitalize the fund.

CT Bioscience Innovation Fund Automatic Authorizations/Allocations (in millions)

Year	Amount \$
2014	10
2015	10
2016	15
2017	15
2018	25
2019	25

Year	Amount \$
2020	25
2021	25
2022	25
2023	25
TOTAL	200

Other program information:

- Funding will fill gaps in the marketplace, not duplicate current public funding;
- Investments will be subject to a rigorous vetting process;
- Creation of Advisory Board to provide oversight and strategic guidance.

Background: The Connecticut Bioscience Innovation Fund³ shall be used:

1. To provide financial assistance to eligible recipients as may be approved by the Bioscience Innovation Advisory Committee,
2. For the repayment of state bonds in such amounts as may be required by the State Bond Commission and
3. To pay or reimburse the administrator for administrative costs, which shall not exceed 5% of the total amount of the allotted funding for such fiscal year.

Financial assistance shall be awarded in the areas of bioscience, biomedical engineering, health information management, medical care, medical devices, medical diagnostics, pharmaceuticals, personalized medicine and other related disciplines that are likely to lead to an improvement in or development of services, therapeutics, diagnostics or devices that can be commercialized and that are designed to advance the coordination, quality or efficiency of health care and lower health care costs, and which promise, directly or indirectly, to lead to job growth in the state in these or related fields.

³ The Connecticut Bioscience Innovation Fund was enacted in PA 13-239.

Department of Economic & Community Development

Description	Unallocated 2/1/15 \$	Proposed FY 16 \$	Proposed FY 17 \$
Agency Projects and Program			
E-Portal.	1,000,000	-	-
Purchase of urban and industrial sites reinvestment tax credits.	40,000,000	-	-
Grant-in-aid and Loan Programs - Economic development			
Manufacturing Assistance Act (MAA)	145,702,675	100,000,000	100,000,000
Small Business Express Program	55,000,000	50,000,000	50,000,000
Connecticut Manufacturing Innovation Fund, and for grants-in-aid for research and development of advanced composite materials.	23,500,000	25,000,000	25,000,000
Southeastern Connecticut Economic Diversification Revolving Loan Fund.	10,000,000	-	-
Grant-in-aid to the Northeast Connecticut Economic Development Alliance	2,000,000	-	-
Grant-in-aid to the Hartford Economic Development Corporation for a grant and revolving loan program for small and minority-owned businesses in urban areas	2,500,000	-	-
Minority business enterprise assistance program to assist such businesses in obtaining surety bonds, including bid, performance and payment bonds, for capital construction projects, which program may be run by a nonprofit entity with which said department shall contract	-	2,000,000	-
Grant-in-aid and loan programs - Brownfields			
Regional Brownfield Redevelopment Program: Brownfield remediation and redevelopment projects.	24,800,000	10,000,000	10,000,000
First Five Brownfields Program for state-owned property.	19,500,000	-	-
Grant-in-aid and Loan Programs - Energy			
Biofuel Production Facility Incentive Program.	3,500,000	-	-
Fuel diversification grant program	1,500,000	-	-
Grant-in-aid Programs - Culture and Tourism			
Connecticut Arts Endowment Fund - Grants-in-aid for non-profit organizations that are exempt under Section 501(c)(3) of the Internal Revenue Code to be matched with private contributions.	500,000	-	-

Description	Unallocated 2/1/15 \$	Proposed FY 16 \$	Proposed FY 17 \$
Grants-in-aid to nonprofit organizations sponsoring cultural and historic sites	6,470,000	-	5,000,000

The Governor has proposed cancelling all of DECD’s earmarked grants-in-aid. The earmarks are listed in Appendix A.

Agency Projects and Programs

E-Portal (\$1 million unallocated) - The Governor has proposed cancelling this authorization.

Question: Does DECD agree that this authorization can be cancelled?

The E-Portal funds will be used to:

1. Establish an electronic business portal,
2. Brand the portal to reflect a statewide branding program developed at the governor's office's direction,
3. Help enhance state and quasi-public agency websites linked to the portal and
4. Align the Connecticut Economic Resource Center's online business assistance technology platform to its portal.

In January 2014 the State, through DAS-BEST, executed a contract with a third party vendor (Connecticut Interactive) to build and operate a new business e-portal. DECD has been working with DAS and the vendor to develop and implement phase one of the project. The site is currently in testing.

DAS entered into the contract utilizing a “self-funded” financial model authorized under CGS 4-60u. The vendor is establishing the business portal and the new statewide portal under the scope of that contract. Once the portal goes “live” in early 2015, the department and the vendor will do an assessment of funds needed to help state agencies, quasi-public agencies and the Connecticut Economic Resource Center move existing functions to the new business portal as part of future phases of the project and to determine if all the funds will be required.

Purchase of urban and industrial sites reinvestment tax credits (\$40,000,000 unallocated) - This program allows DECD to establish a program to purchase tax credits for certain economic project if needed. DECD will establish a program to monetize URA credits if the need arises.

To date, the program has not been established. However keeping this allocation in place provides comfort to the market that the state can purchase the credits should the marketplace dramatically change.

Grant-in-aid and Loan Programs - Economic development

Manufacturing Assistance Act (\$145,702,675 unallocated; \$100,000,000 in each of FY 16 and FY 17 proposed by the Governor) – The funds will be used to fund general Manufacturing Assistance Act (MAA) assistance packages for businesses and business development programs with partners who help support the economic development goals of the State. DECD reports that \$346,997,331 in MAA projects is currently in the pipeline, which includes funding for the final four projects in the First Five Program.

Background: MAA multipurpose program which provides different types of financing for businesses and infrastructure development. The Department of Economic and Community Development may provide grants or lend the funds or use them to guarantee bank loans or establish credit lines. The MAA's legislative history suggests that the administration and the legislature saw the act as a flexible tool to address the pressing issues of the day.⁴

First Five – DECD also uses the MAA to fund its “First Five” program, also known as “Next Five.” Through the program, DECD may provide loans, tax incentives, and other forms of economic development assistance to up to 15 businesses committing to create jobs and invest capital within existing law's timeframes.

The commissioner's authority to provide First Five assistance expires June 30, 2015. There are 12 companies in the First Five program. DECD has committed \$214.6 million in loans or grants to these projects. DECD's investment will leverage over \$1.2 billion in private investment.

The final three slots available in the program are anticipated to be filled by the June 30th sunset date.

First Five Projects - 1/1/2011 through 2/1/15

Company	Total Assistance Available	Tax Credits	Loans/Grants (Bond Funded)	Bond Funds Allocated to Date ¹	Remaining Allocation Anticipated	Jobs Retained	Jobs Created (max) ²	Created as of 6/30/2014
CIGNA	71,000,000	50,000,000	21,000,000	21,000,000	-	3,883	800	462
NBC Sports	26,000,000	-	26,000,000	26,000,000	-	116	716	450
ESPN	10,000,000	10,000,000	-	-	-	3,872	800	128
Sustainable Building Systems	19,100,000	-	19,100,000	19,100,000	-	-	408	-
CareCentrix	24,000,000	-	24,000,000	11,600,000	12,400,000	213	290	146

⁴“Legislative History of the Economic Development and Manufacturing Assistance Act of 1990,” Office of Legislative Research, October 5, 2007.

Company	Total Assistance Available	Tax Credits	Loans/Grants (Bond Funded)	Bond Funds Allocated to Date ¹	Remaining Allocation Anticipated	Jobs Retained	Jobs Created (max) ²	Created as of 6/30/2014
Alexion	51,000,000	25,000,000	26,000,000	26,000,000	-	368	300	294
Deloitte	14,500,000	-	14,500,000	9,000,000	5,500,000	1,153	500	54
Bridgewater Associates	TBD	TBD	TBD	-	TBD	TBD	TBD	TBD
Charter Communications	8,500,000	-	8,500,000	6,500,000	2,000,000	260	300	274
Navigators Group Inc.	11,500,000	-	11,500,000	11,500,000	-	-	200	133
Pitney Bowes	27,000,000	-	16,000,000	16,000,000	-	1,600	200	N/A
EDAC Technologies Corporation	48,000,000	-	48,000,000	23,000,000	25,000,000	349	200	N/A
Total	310,600,000	85,000,000	214,600,000	169,700,000	44,900,000	11,814	4,714	1,941

¹The State Bond Commission (SBC) allocated \$5.95 million to TicketNetwork and \$18.7 million to ESPN. TicketNetwork has since withdrawn from the program while the agreement with ESPN has since been restructured. Those funds are available for reallocation by the State Bond Commission at a future meeting.

²The minimum required job creation is 200 for all companies.

Small Business Express Program (\$55,000,000 unallocated; \$50,000,000 in each of FY 16 and FY 17 proposed by the Governor) – The funds will be used to recapitalize and continue the Small Business Express Program (EXP). The Small Business Express Program (EXP) provides loans and grants to Connecticut’s small business to spur job creation and growth. Assistance is provided through the three programs summarized in the table below:

Small Business Express (EXP) Assistance Programs

	EXP Matching Grant Program	EXP Revolving Loan Fund Program	EXP Job Creation Incentive Program
Eligible applicants	1. Employ not more than 100 employees 2. Connecticut-based operations 3. Registered to conduct business in CT not less than 12 months 4. Good standing with payment of all state and local taxes and state agencies		
Priority	*Economic-based industries *Businesses likely to maintain job growth	*Economic-based industries	*Economic-based industries *Create new jobs that are maintained at least 12 consecutive months
Eligible expenditures	*Training *Working capital *Purchase of machinery and equipment *Construction or leasehold improvements *Relocation within state	*Purchase of machinery and equipment *Construction or leasehold improvements *Relocation costs *Working capital *Business expenses	*Training *Marketing *Working capital *Business expenses authorized by DECD

	EXP Matching Grant Program	EXP Revolving Loan Fund Program	EXP Job Creation Incentive Program
	*Business expenses authorized by DECD	authorized by DECD	
Terms & Conditions	*Grants from \$10,000 to \$100,000 *Business must match grant amount dollar for dollar * Priority given to job creation and retention when setting loan terms, conditions and collateral requirements	*Loans from \$10,000 to \$100,000 *Up to 4% interest rate *Maximum 10-year term *Priority given to job creation and retention when setting loan terms, conditions and collateral requirements	*Loans from \$10,000 to \$300,000 *Up to 4% interest rate *Maximum 10-year term *DECD may: -Defer loan payments -Forgive up to 50% of loan based on achieving job-creation goals *Priority given to job creation and retention when setting loan terms, conditions and collateral requirements

Background: EXP provides loans and grants to Connecticut’s small business to spur job creation and growth. Assistance focuses on: (1) access to capital and (2) incentive loan and grant funds.

Small businesses are eligible if they meet the following criteria:

1. Have operations in Connecticut,
2. Are registered to conduct business for not less than twelve months,
3. Are in good standing with all state agencies and payment of all state taxes and
4. Employ not more than 100 employees.

Priority for available funding will be given to those eligible applicants who are (1) creating new jobs and (2) within Connecticut’s economic base industries, as defined in CGS 32-222, including but not limited to: precision manufacturing, business services, green and sustainable technology, bioscience, and information technology sectors.

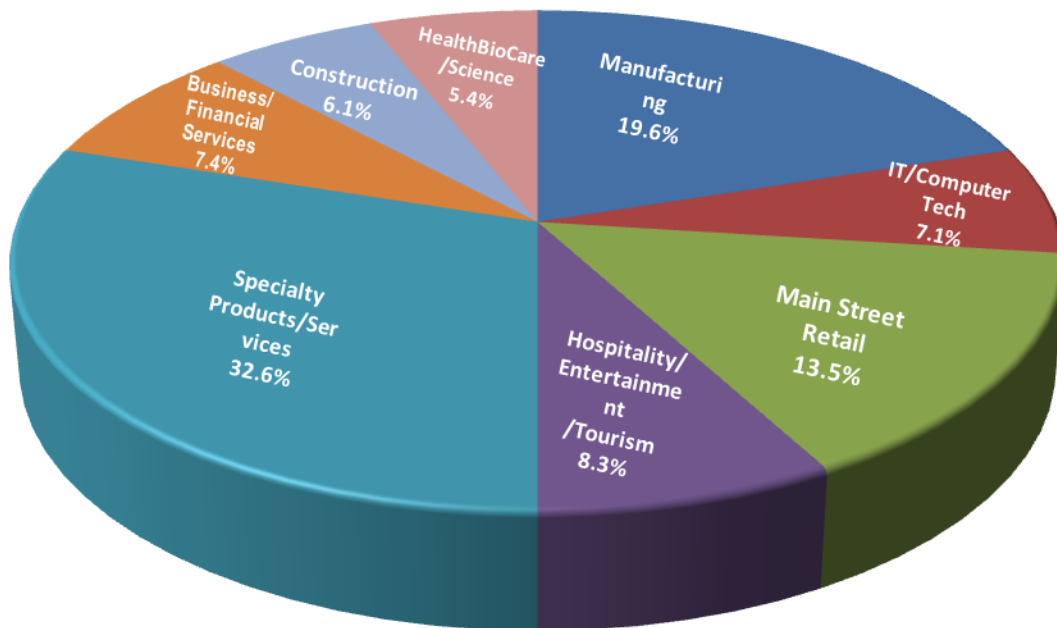
The following table and chart provide an update on the Small Business Express program, as reported by DECD on 12/31/2014 to the Commerce Committee in regards to SB 801.

Small Business Express Data (as reported by DECD on 12/31/2014)

Activity	Impact
Applications received to date	2,794
Businesses receiving assistance	1232
Applications in process	358
Minority/women owned businesses	243
Denied/Withdrawn	1204
Private Investment (approximate)	\$80,000,00
Payments to Date	
Grants	\$66,715,928

Activity	Impact
Loans	\$109,574,796
In Final Review	
Number of businesses in final review	109
Amount to be funded	\$21,086,076
TOTAL	\$197,376,800
Jobs to be created	4,572
Jobs to be retained	12,922
Total Jobs Impact	17,494

Industry Mix of EXP Awards (as reported by DECD on 12/31/2014)



The Connecticut Manufacturing Innovation Fund (CMIF) and for grant-in-aid to Connecticut Center for Advanced Technology for research and development of advanced composite materials (\$23,500,000 unallocated; \$25,000,000 in each of FY 16 and FY 17 proposed by the Governor for the CMIF) – The FY 15 authorization of \$30 million is being used to capitalize CMIF, with \$5 million of this total being used to support the research and development of the advanced composite materials. The fund will assist manufacturers in competitiveness areas that complement DECD’s economic development strategy and programs. The goal is to develop the state’s advanced manufacturing capabilities in the areas of innovation, technology and productivity.

CMIF will support modernization and innovation for the state's precision manufacturing, including but not limited to: Aerospace, Fuel Cell/Energy Materials, Shipbuilding, and Medical Devices. The Original Equipment Manufacturers often rely on their suppliers to come up with innovative new materials, designs and manufacturing techniques. The CMIF will assist in the transformation of manufacturing infrastructure through R&D in composites and smart manufacturing, i.e. intelligent machines; advanced analytics; physics based manufacturing; and additive manufacturing.

CMIF will provide funding to help supply chain companies make investments in machinery and equipment to ensure the Connecticut industry is competitive on a global basis. The CMIF programs and initiatives will:

- (a) Provide funding for educational/training programs and research collaborations,
- (b) Promote increased collaboration between universities, colleges and tech schools, and local manufacturers, and
- (c) Establish a voucher program to help manufacturers get access to expertise needed to develop technical support for their operations.

In addition, the fund will be used to leverage federal grants to support manufacturing advancements in the state and region. Connecticut has applied for large federal grants, over the last two years, to help build and diversify the aerospace, defense and increase manufacturing capabilities. Connecticut along with other states, Massachusetts, Rhode Island and Maine has collaborated to support the region's aerospace and defense cluster. CMIF will match and leverage federal funding in order to help further the Connecticut's manufacturing capabilities.

The CMIF designates 42 communities as Manufacturing Investment Districts in which manufacturers will be encouraged to locate and expand. Priority will be given to companies that locate in forty-two communities that are the state's historic manufacturing hubs. Many of these communities are among the state's most distressed, and CMIF's targeted assistance to these towns is expected to have a positive impact on their economic development and employment rates.

To date, the CMIF Advisory Board has approved:

- \$3,680,000 Voucher Program
- \$450,000 Federal Match to the Department of Defense Office of Economic Adjustment \$4.5 million grant to Connecticut for the Regional Aerospace and Defense Initiative.
- \$2.9 million grant to CCAT for the Advanced Composite Initiative
- \$1.5 million for DECD CMIF administrative costs; and
- An incumbent worker training program in collaboration with DOL for up to \$7 million over the next two years. Program details to be finalized in the third quarter of FY 15.

Southeastern CT Econ Diversification Revolving Loan Fund. Update: DECD has not received any applications but wishes to maintain funds to be used in the future for this economically depressed part of the state.

Grant-in-ad to the Northeast CT Economic Development Alliance (\$2,000,000 unallocated) - DECD has not received any applications for this funding but wishes to keep them in place for future use in this economically depressed part of the state.

Grant-in-aid to the Hartford Economic Development Corporation for a grant and revolving loan program for small and minority-owned businesses in urban areas (\$2,500,000 unallocated) - This is an active project. HEDCO has received \$1,448,000 in applications to date, which are expected to be eligible for the full funding.

Minority business enterprise assistance program to assist such businesses in obtaining surety bonds, including bid, performance and payment bonds, for capital construction projects (no unallocated balance; \$2,000,000 in FY 16 proposed by the Governor)

Question: Is this proposed new authorization intended to provide additional funding for the HEDCO program (above)?

Grant-in-aid and loan programs - Brownfields

Regional Brownfield Redevelopment Program: Brownfield remediation and redevelopment projects (\$37,600,000 unallocated) - The funding will provide financial assistance for environmental investigations and remediation activities. Investments in contaminated properties are proven to stimulate job creation and to increase tax revenue in communities and businesses.

See Appendix B for a list of Round 3, Round 4, and Round 5 projects that were funded by the State Bond Commission in September 2013, May 2014, and August/September 2014 respectively.

Background: DECD provides qualified applicants funds in the form of low interest loans and grants. Communities and private businesses can benefit from the economic benefits of brownfield redevelopment. In calendar 2014, DECD awarded \$38.1 million to 55 projects across the state, bringing the total funding awarded for brownfield remediation since Fiscal 2012 to more than \$110 million. DECD will continue to offer opportunities for applicants to access these funds for deserving projects.

First Five Brownfields Program for state-owned property (\$19,500,000 million unallocated) - This funding will support the remediation, and marketing of five geographically diverse state-owned contaminated properties (i.e., brownfields) for private development.

DECD has conducted, in close coordination with DEEP, DAS and DOT, environmental assessments on the Mystic Oral School and the New Haven Transit Bus Garage. The expected cleanup costs for the Mystic Oral School range from \$3 million to \$5 million, and the expected cleanup costs for the New Haven garage range from \$5 million to \$7 million. At this time, no developers have presented viable development plans for either site. In 2014, the General Assembly passed legislation directing DOT to convey the New Haven garage to the City of New Haven. With cleanup costs now identified, DECD will revisit efforts to identify development opportunities for these sites, including a proposed community planning process with the Town of Groton to identify reuse alternatives.

In addition to these sites, DECD has continued to identify other state-owned sites with redevelopment potential. In conjunction with the Governor's Southbury Training School Task Force, DECD awarded the Town of Southbury a \$200,000 assessment grant in April to begin to characterize the site's environmental conditions. Finally, DECD is proposing to invest up to \$100,000 to investigate the site conditions of a DOT maintenance facility that was once an historic manufacturing facility in Haddam that is to be decommissioned this fall and which could be an attractive mixed-use development. Over time, the agency expects to utilize these funds for projects across the state.

Grant-in-aid and Loan Programs - Energy

Biofuel Production Facility Incentive Program (\$3,500,000 unallocated) - Program is no longer active. DECD recommends that the funds be cancelled.

Fuel Diversification Grant Program (\$1,500,000 unallocated) - Program is no longer active. DECD recommends that the funds be cancelled.

Grant-in-aid Programs - Culture and Tourism

Connecticut Arts Endowment Fund - Grants-in-aid for non-profit organizations to be matched with private contributions (\$500,000 unallocated) - The Connecticut Arts Endowment Fund provides critical financial support to a growing number of non-profit arts organizations across the state. In FY 14, ninety-three arts organizations received support through the endowment with an average award of just over \$8,000. In FY 13, one hundred ten organizations were funded through the endowment with a mean award of just over \$4,500.

The Arts Endowment Fund is one of the highest leverage uses of state funds.

Grants-in-aid to nonprofit organizations sponsoring cultural and historic sites (\$6,470,000 unallocated; \$5,000,000 in FY 17 proposed by the Governor) – The funds will be used to provide grants-in-aid to nonprofit organizations that sponsor cultural and historic sites.

Update: Between August and December 2014, DECD has engaged with our Culture & Tourism Advisory Committee and representatives from eligible non-profits on the use of these funds. The agency anticipates requests for allocation of the remaining funds for: grants-in-aid to small and medium-sized museums for projects that transform the visitor experience and enhance the museums’ relevance to their local and regional communities; support for shared box office facilities for presenting venues to reduce costs and improve coordinated programming; mobile public art illumination equipment to support high impact temporary installations throughout the state.

The following organizations received grants-in-aid from this authorization in FY 15:

1. Music Theater of Connecticut (\$245,000) – The funds were used for renovations and improvements to 509 Westport Avenue in Norwalk for creation of a new theater facility.
2. Mark Twain House and Museum (\$2,200,000) - The funds were used for renovations and improvements, including: (1) drainage improvements and repairs to the parking lot, the museum terraces and exterior stairs, (2) water infiltration repairs to the museum’s collections storage room and (3) various restoration and improvements at the historic home and carriage house.
3. Connecticut Historical Society (\$300,000) - The funds were used for renovations and improvements.
4. Harriet Beecher Stowe Center (\$650,000) - The funds were used for renovations and improvements to the Harriet Beecher Stowe House and Library. The project involves a comprehensive interior restoration, energy efficiency and mechanical system upgrades and installation of a fire suppression system. The total cost of the project is \$3 million, of which \$2.35 million will be raised by the Center.

State Department of Education

OFA Analyst: Sarah Bourne

Description	Unallocated 2/1/15 \$	Proposed FY 16 \$	Proposed FY 17 \$
Agency Projects and Programs			
Regional Vocational-Technical Schools - Alterations and improvements to buildings and grounds, including new and replacement equipment, tools and supplies necessary to implement updated curricula, vehicles and technology upgrades at all Regional Vocational-Technical Schools.	46,218,660	-	12,000,000
Extended hours pilot program - Pilot program for extended hours at technical high schools in Hamden, New Britain, Waterbury and Hartford.	3,066,000	-	-
Grant-in-aid Programs - Interdistrict Programs			
Sheff settlement costs - Grants-in-aid for capital start-up costs related to the development of new interdistrict magnet school programs to assist the state in meeting the goals of the 2008 stipulation and order for Milo Sheff, et al. v. William A. O'Neill, et al., for the purpose of buying portable classrooms, leasing space, and purchasing equipment, including, but not limited to, computers and classroom furniture.	-	20,000,000	5,750,000
Open Choice Program - Grants-in-aid to local or regional boards of education for capital costs related to the expansion of enrollment in the statewide interdistrict public school attendance program (Open Choice) pursuant to section 10-266aa of the Connecticut General Statutes to assist the state in meeting the goals of the 2008 stipulation and order for Sheff v. O'Neil, for building renovations, classroom expansions, and the purchase of equipment, including, computers, laboratory equipment and classroom furniture.	48,572	-	-
Charter schools - Grants-in-aid to assist charter schools with capital expenses	4,953,244	-	5,000,000
Grant-in-aid Programs - School performance			
High quality schools - Grants-in-aid for alterations, repairs, improvements,	12,380,852	-	5,000,000

Description	Unallocated 2/1/15 \$	Proposed FY 16 \$	Proposed FY 17 \$
technology, equipment and capital start-up costs including acquisition costs, to expand the availability of high quality school models and assist in the implementation of common core state standards and assessments, in accordance with procedures established by the commissioner of education.			
Low-performing schools - Grants-in-aid to targeted local and regional school districts for alterations, repairs, improvements, technology, and equipment in low-performing schools.	7,680,893	6,000,000	10,000,000
Grant-in-aid Programs - Technology			
Technology wiring of schools - Grants-in-aid to municipalities, regional school districts and regional education service centers for technology wiring of schools.	217,307	-	-
Grant-in-aid Programs - School security			
School Security Infrastructure Competitive Grant Program	-	10,000,000	-
Earmarked Grants-in-aid			
Alternative education programs - Grants-in-aid to DOE-accredited providers of alternative education programs for students between 14 and 21 years of age for property acquisition, design, planning, construction or renovation of facilities.	2,000,000	-	-
American School for the Deaf - Alterations, renovations and improvements to buildings and grounds.	13,694,291	-	-

Agency Projects and Programs

Connecticut Technical High School System (\$46,218,660 unallocated; \$12,000,000 in FY 17 proposed by the Governor) The Connecticut Technical High School System is comprised of 17 comprehensive high schools, the Bristol TEC Education Center and two Adult Education Aviation Maintenance schools with total enrollment of 11,293 full-time students. A summary of both the new and unallocated projects appears below.

The Connecticut Technical High School System requests that the unallocated bond balance remain available to fund the following projects:

Capital Costs for Technical High School Infrastructure Projects and Equipment

(Note: Amounts and projects are subject to change, pending actual cost figures)

Project Description	Cost \$
Various agency administered infrastructure projects – All schools	8,824,097
Construction of a new roof at Windham THS – Willimantic	6,558,628
New equipment for J.M. Wright THS – Stamford	4,500,000
Replacement of trade and academic equipment – All schools	3,860,958
Paving and drainage repairs at Vinal THS – Middletown	3,214,341
Address handicapped accessibility issues at Vinal THS – Middletown	3,177,740
Design study and construction of Fats, Oils, and Grease (FOG) systems	3,100,143
Design and construction of a new roof at Oliver Wolcott THS – Torrington	2,928,542
Design and construction of a new masonry shop and fitness center at Bullard Havens THS – Bridgeport	2,776,250
Design and construction of a new roof at Bullard Havens THS – Bridgeport	2,596,845
Security Enhancements – All schools	2,000,000
Paving and drainage repairs at Oliver Wolcott THS – Torrington	1,755,604
Design and construction of new energy management systems at Oliver Wolcott THS – Torrington and Bristol TEC – Bristol	1,400,000
Paving and drainage repairs at the Bristol Technical Education Center – Bristol	1,242,309
Replacement of plant vehicles (i.e. pickups, rack bodies)	750,943
Replacement of student transportation vehicles (STV's)	510,000
Paving and drainage repairs at Ella. T. Grasso THS – Groton	200,000
TOTAL	49,396,400

Extended hours pilot program (\$3,066,000 unallocated) – These funds will be used to cover the cost of staffing, supplies, and equipment in order to establish extended hours programs at technical high schools in Hamden, New Britain, Waterbury and Hartford. The program is intended to benefit youth and unemployed or underemployed adults. The State Bond Commission allocated \$434,000 at its November 2014 meeting for A.I Prince (Hartford) and Eli Whitney (Hamden) Technical Schools.

Question 1: Staffing costs and supplies are usually considered to be operating expenses. Will bond funds continue to be used for operating expenses?

SDE response: In the absence of additional operating funds, it is necessary to fund these program expenses through the bond authorization.

Question 2: When will the first classes be available under the extended hours program?

SDE response: Classes have already begun at Eli Whitney THS (Hamden) and A.I. Prince THS (Hartford) through partnerships with the Justice Education Center (Hamden) and the Capital Workforce Partners (Hartford).

Grant-in-aid Programs - Interdistrict Programs

Sheff settlement costs (no unallocated balance: \$20,000,000 in FY 16 and \$5,750,000 in FY 17 proposed by the Governor)

This information will be provided to the Bonding Subcommittee as an addendum.

Open Choice Program (\$48,572 unallocated) – Open Choice Capital Funds Grants were designed as an incentive for districts in the Sheff Region to take more students into the Open Choice program. Districts were allowed to apply for up to \$75,000. Funds were to be used on capital projects that would benefit students in the school as a whole and Open Choice students specifically. Ten districts applied for the grant funds and several applied for less than the allowable amount leaving a fund balance.

SDE requests that the unallocated funds be maintained. SDE has requested \$750,000 in year one of the biennium to fulfill additional need in this area, and this unallocated balance will be used, as well.

Background: The Open Choice program allows public school students from Hartford, New Haven or Bridgeport to attend school in another school district in the region. It also allows students who live in school districts in those regions to attend school in the urban centers. The program is designed to reduce racial and economic isolation while providing improved educational choices for students and their parents. The program is administered by the regional education service centers serving Hartford, New Haven and Bridgeport. (Note that New London's last year of participation in this program was school year 2013-14.)

Charter Schools (\$4,953,244 unallocated; \$5,000,000 in FY 17 proposed by the Governor) - The funds are awarded through an RFP process. The criteria for new funding specify that funds can only be used for the purchase, construction or improvement of space for a state charter school. Funds may not be used for temporary space. Funding is available to both new and existing state charter schools. There are currently about 8,018 students enrolled in 21 state charter schools throughout the state.

\$5M of the unallocated funds will be used for grants currently scheduled for Bond Commission action on January 12, 2015. SDE plans to issue a new Request for Proposal (RFP) for the remaining \$5M subsequent to this meeting; there continues to be need for capital funding for state charter schools.

Grant-in-aid Programs - School performance

High Quality Schools (\$12,380,852 unallocated; \$5,000,000 in FY 17 proposed by the Governor) – The funds will be used for grants-in-aid for alterations, repairs, improvements, technology, equipment and capital start-up costs, including acquisition costs, to expand the availability of high-quality school models and assist in the

implementation of common core state standards and assessments. To date, the Department has awarded \$22,619,148 to 128 grantees in 126 towns throughout the state. These funds have been used to support the implementation of Common Core-aligned assessments by sharing the costs for the purchase of: (1) new computer devices, (2) inter-school bandwidth associated hardware devices and cabling, and (3) inter-district bandwidth associated hardware devices and/or vendor connectivity solutions between school districts and central district connected facilities. The Department recently published an RFP for a second round of preparedness for testing under Common Core, and the due date for applications is February 13, 2015. SDE anticipates making grant awards shortly thereafter, contingent upon Bond Commission approval (planned for early spring).

Low Performing Schools (\$7,680,893 unallocated; \$6,000,000 in FY 16 and \$10,000,000 in FY 17 proposed by the Governor) – Under this program, SDE has thus far awarded funds to 26 schools and two LEAs for investments in technology and equipment, as well as facility and capital improvements to address building and site deficiencies, all of which are targeted to promote the health, safety, and learning of children in high-quality facilities and 21st century educational environments. Schools receiving awards have included Commissioner’s Network, School Improvement Grant (SIG), and Review schools that have been invited to apply through separate application processes based on needs and the school’s improvement plans.

The unallocated balance will be directed to the significant and ongoing need to support the state’s low-performing schools in four strategic priority categories:

1. Commissioner’s Network schools,
2. SIG schools (receiving Title I turnaround grants),
3. High schools in state Alliance Districts that are designated participants in CT-ECO, the state’s Early College Opportunity program, and
4. Review, Focus, or Turnaround schools that are undergoing High School Redesign.

Grant-in-aid Programs - Technology

Technology wiring of schools - Grants-in-aid to municipalities, regional school districts and regional education service centers for technology wiring of schools (\$217,307 unallocated) – Grants from this bond issue were handled through a joint RFP with High Quality Schools bond funding, to ensure that districts are prepared for testing under Common Core. In January of 2014, \$1,782,693 was awarded to eight districts for technology upgrades specific to wiring. Based upon the success of the 2014 Smarter Balanced Field Test, we do not believe that many schools will need to update their connectivity (i.e., wiring-specific upgrades) to support Smarter Balanced online testing. However, for those schools that have not applied, we would ask that these funds be maintained.

Question 1: How many districts still need to upgrade their connectivity to support Smarter Balance online testing?

SDE response: There may be small pockets of need for connectivity, but SDE does not anticipate that any districts will be completely restricted from testing based on connectivity requirements. Such need may be met using the unallocated balance of Technology Wiring of Schools bond funds.

Question 2: Will the \$217,307 unallocated balance be sufficient to upgrade all of these districts or will additional funding be needed?

SDE response: The majority of the wiring-specific upgrades are completed, with this unallocated balance being sufficient to meet the needs of the remaining schools. (See also Question 1, above.) Grants to continue readiness through technology improvements (including but not limited to computers, tablets, etc.) continue to be made available through the High Quality Schools funds.

Grant-in-aid Programs - School Security

School Security Infrastructure Competitive Grant Program (no unallocated balance; \$10,000,000 in FY 16 proposed by the Governor) - These funds will be used to provide grants-in-aid under the School Security Infrastructure Competitive Grant Program. To date, the State Bond Commission has allocated a total of \$43.3 million in bond funds, which is comprised of \$37 million specifically authorized for the program and \$6.3 million in supplemental funding from the Urban Act.

Background: The program was established by PA 13-3, An Act Concerning Gun Violence Prevention and Children's Safety. It was expanded by PA 14-98 to encompass additional schools including private schools and publically endowed institutions.

The program allows local and regional boards of education to be reimbursed for 20% to 80% of eligible expenses. Eligible expenses include, but are not limited to: installation of surveillance cameras, penetration-resistant vestibules, ballistic glass, solid core doors, double access doors, computer-controlled electronic locks, entry door buzzer systems, scan card systems, panic alarms, or systems and; the training of school personnel in the operation and maintenance of the security infrastructure of school buildings. In addition, the purchase of portable entrance security devices, including but not limited to metal detector wands and screening machines and related training. Expenses related to School Resource Officers are ineligible.

The Governor has proposed cancelling the following two earmarked grants-in-aid:

Alternative education programs - Grants-in-aid to DOE-accredited providers of alternative education programs for students between 14 and 21 years of age for property acquisition, design, planning, construction or renovation of facilities

(\$2,000,000 unallocated) - SDE does not have legislative authority to identify grantees under this program.

American School for the Deaf (\$13,694,291 unallocated) – The American School for the Deaf (ASD) recently requested approval of additional (previously authorized) funding for ongoing work associated with Gallaudet Hall. This request was allocated by the Bond Commission at its January 12, 2015, meeting. The work includes design, construction, and demolition, as well as hazardous materials abatement – the abatement costs are significantly higher than anticipated due to the extensive amount of material and the special requirements for removal. The Gallaudet work is scheduled to be completed during the spring of 2015, after which time classroom space is expected to be sufficient; however, ASD will need to respond to increased need for housing, and perhaps a need for additional space for school administration. In its capital budget request for the biennium, ASD has requested \$2.8M in year one and \$2.3M in year two, to continue its planned campus improvements, always at the forefront is its goal of a safe, healthy, secure and appropriate educational and residential environment for deaf and hard of hearing students. Given these current and planned initiatives, ASD requests that its funding remain in place.

**Department of Energy and Environmental Protection
CT Energy Finance and Investment Authority**

OFA Analysts: Marcy Ritsick (environment) and William Craven (energy)

Department of Energy and Environmental Protection

Description	Unallocated 2/1/15 \$	Proposed FY 16 \$	Proposed FY 17 \$
Agency Projects and Programs - Energy			
Microgrids - A program to establish energy microgrids to support critical municipal infrastructure.	34,900,000	-	15,000,000
Energy efficiency and renewable energy projects in state-owned buildings.	38,000,000	-	25,000,000
Renewable Energy Investment Fund for renewable energy or combined heat and power projects in State buildings.	10,000,000	-	-
Renewable energy grant program - Energy services projects that result in increased efficiency measures in State buildings pursuant to section 16a-38l, or any renewable energy or combined heat and power project in state buildings.	4,101,200	-	-
Grant-in-aid Programs - Energy			
Boiler Replacement Program - Energy efficiency fuel oil furnace and boiler replacement, upgrade and repair program	10,000,000	-	-
Agency Projects and Programs - Environment			
Recreation and Natural Heritage Trust Program (State open space program) - Recreation and natural heritage trust program for recreation, open space, resource protection and resource management.	18,750,000	10,000,000	10,000,000
State Parks Improvement Program - Alterations, renovations and new construction at State parks and other recreation facilities including Americans with Disabilities Act Improvements.	37,987,234	-	25,000,000
Underground Storage Tank (UST) Program (FY 16 already authorized)	9,000,000	9,000,000	-
Special Contaminated Property Remediation and Insurance Fund (SCPRIF)	1,000,000	-	-
Dam repairs, including State-owned dams	6,764,106	8,350,000	8,075,000

Description	Unallocated 2/1/15 \$	Proposed FY 16 \$	Proposed FY 17 \$
Grant-in-aid Programs - Environment			
For a Long Island Sound Stewardship and resiliency program for protection of coastal marshes and other natural buffer areas and for grants-in-aid to increase the resilience of wastewater treatment facilities	-	20,000,000	-
Grants-in-aid to municipalities to encourage low impact design of green municipal infrastructure to reduce non-point source pollution	-	20,000,000	-
Town open space program - Grants-in-aid to municipalities for open space land acquisition and development for conservation or recreation purposes.	23,000,000	10,000,000	10,000,000
Grants-in-aid or loans to municipalities for acquisition of land, public parks, recreational and water quality improvements.	12,690,000	-	-
Connecticut bikeway, pedestrian walkway, recreational trail and greenway grant program for grants-in-aid to municipalities and private nonprofit organizations	2,000,000	5,000,000	5,000,000
Urban Sites Remediation (Brownfields) - Grants-in-aid for identification, investigation, containment, removal or mitigation of contaminated industrial sites in urban areas.	9,770,000	-	5,000,000
State Superfund Program - Containment, removal or mitigation of identified hazardous waste disposal sites, and for grants-in-aid to municipalities for new water mains to replace water supplied from contaminated wells.	32,718,000	-	-
Omnibus for various DEEP programs including Urban Sites, Superfund, Potable Water and Water Pollution Control	11,350,820	-	-
Incinerators and Landfills - Grants-in-aid to municipalities for improvements to incinerators and landfills, including but not limited to bulky waste landfills.	2,940,000	-	-
Flood Control, Erosion Repair & Municipal Dam Repair - Various flood control improvements, flood repair, erosion damage repairs and municipal dam repairs	5,674,710	5,000,000	5,000,000
Lakes Restoration program	687,805	-	-
Potable Water - Grants-in-aid to municipalities for the purpose of providing potable water	3,258,707	-	-

Description	Unallocated 2/1/15 \$	Proposed FY 16 \$	Proposed FY 17 \$
Clean Water Fund grants-in-aid	175,000,000	47,500,000	92,500,000
Clean Water Fund low interest loans to towns	342,400,000	58,000,000	180,000,000

The Governor has proposed cancelling all of DEEP’s earmarked grants-in-aid.
See Appendix C for a list of this agency’s earmarked grants-in-aid.

Agency Projects and Programs - Energy

Energy Microgrids (\$34,900,000 unallocated; \$15,000,000 in FY 17 proposed by the Governor) - Microgrids are small electric distribution systems that supply reliable energy to critical facilities. Although they can be stand alone, DEEP anticipates that these Bond funds will be used to create microgrids that are connected to the public electric power grid and also include equipment that will automatically isolate them (called “islanding”) in the event of a power outage. This equipment consists of switches and transfers that meet certain engineering specifications.

Project update: DEEP awarded the \$15 million to first round microgrid projects in July 2013 and the funds were allocated by the Bond Commission on 9/27/13. To date, DEEP has executed contracts for seven projects for a total of \$12 million. The Town of Woodbridge has not yet signed their contract for \$3 million. DEEP awarded a total of \$5,090,240 to two projects, in October 2014 and the Bond Commission allocated the funds on January 30, 2015.

Background: In February 2013, DEEP completed Phase I of the *Microgrid Grant and Loan Pilot Program*, which evaluated the technical feasibility of 36 project submissions. Based on that evaluation, DEEP identified 27 projects that were eligible to submit a proposal in the Phase II, Request for Proposals (RFP).

Based on the RFP responses, DEEP selected the eight projects listed in the table below. The funding is being used for the final engineering, interconnection and design work associated with the projects. Many, if not all, of the projects received additional funding from another source to either: (1) pay for the cost of the project over the amount of the grant-in-aid or (2) pay for new generation that was needed as a result of the project.

Each project submittal included a timeline for completion. Applicants worked, or are currently working, with the project developers to complete the project. The applicants were required to submit status updates during the development process, as well as notification, once the project was complete. Funding was awarded from the Microgrid Program no more frequently than quarterly, and 70% of the payment was made when the project became operational.

Funding for the Microgrid Pilot Program (in millions)

Location	Description	Grant \$	Completion Date
Municipal Microgrid Projects			
Bridgeport	City Hall, police station, & senior center	2.98	6/1/15
Fairfield	Police station, emergency operations center, cell tower, fire headquarters, & public shelter	1.17	4/30/15
Hartford	Parkville Cluster school, senior center, library, supermarket & gas station	2.06	5/31/15
Windham	Two schools	0.71	2/28/15
Woodbridge	Police station, fire station, Department of Public Works, town hall & high school	3.00	4/1/15
Other Microgrid Projects			
Hartford	Univ. of Hartford campus	2.27	7/1/15
Middletown	Wesleyan University campus & athletic center (public shelter)	0.67	5/1/14
Storrs	UConn Depot Campus	2.14	12/31/14
TOTAL		15.00	

The following three authorizations are used for similar purposes:

Energy conservation projects in State-owned buildings (\$38.0 million unallocated)

Renewable Energy Investment Fund (\$10 million unallocated)

Renewable energy grant program (\$4.1 million unallocated)

Question 1: How does DEEP plan to spend the unallocated balances in these authorizations?

DEEP response:

- **Energy conservation projects in state-owned buildings** (\$38,000,000 unallocated; \$25,000,000 in FY 17 proposed by the Governor) - DEEP plans to use these funds to continue benchmarking and prioritizing state buildings, “performance contracting” energy efficiency upgrades for a variety of state agencies and to implement traditional energy-efficiency measures in state buildings, following the same “*Lead by Example*” process through which almost \$14.4 million in bond funds have been invested on 58 energy retrofit projects in state buildings.
- **Renewable Energy Investment Fund** (\$10 million unallocated) - DEEP anticipates that once allocated, this funding will be devoted to renewable energy or efficiency projects at state agencies, such as the DOC and DMV.
- **Renewable energy grant program** (\$4,101,200 unallocated) - DEEP intends to use the funds, in conjunction with the other funding, for: (1) state agency efficiency improvements, (2) to construct combined heat and power facilities and (3) install renewable generation on State properties.

Question 2: Is there a current prioritized plan for energy efficiency projects at state-owned buildings?

DEEP response: The “Lead by Example” program has worked with facilities staff from almost all state agencies to prioritize projects in facilities that are most in need of upgrades. The program has also installed energy monitoring and reduction technologies in many of the state’s largest energy-consuming buildings. See Appendix D for a list of projects.

Background on the Lead by Example program: PA 11-80 requires DEEP to develop a plan in consultation with the Department of Administrative Services, to reduce energy use in state-owned or -leased buildings by: (1) at least 10% from its current consumption by January 1, 2013 and (2) an additional 10% by July 1, 2018. The plan must at least: (a) assess current energy consumption for all fuels used in state-owned buildings, (b) identify at least 100 buildings with the highest aggregate energy costs in FY 11, (c) establish targets for conducting energy audits of these buildings, and (d) determine which energy efficiency measures are most cost-effective for them. The plan must provide for the financing of these measures through the use of energy performance contracting⁵, bonding or other means.

The Lead by Example program has developed the following initiatives to reduce energy use in state and municipal buildings: (1) energy equipment retrofits in state buildings using bond funds; (2) large projects with multiple energy savings measures at state and municipal buildings through the state’s standardized *Energy Savings Performance Contracting Program*, and (3) lighting and refrigeration retrofits in state buildings utilizing the utility-administered *Small Business Energy Advantage Program*. DEEP estimates that the state saves about \$2.2 million per year through reduced energy bills as a result of the 58 projects approved to date. Initial *Energy Savings Performance Contracting Program* projects at the Department of Correction (DOC), Connecticut Valley Hospital and the Department of Motor Vehicles (DMV) are projected to save approximately \$5.0 million per year. The 58 projects have an average payback of 6.5 years and are projected to save agencies approximately 780 billion BTUs (British Thermal Units) annually, which is equivalent to 6,245,796 gallons of gasoline.

⁵ Energy performance contracts (EPCs), are an alternative financing mechanism that use private sector financing to implement energy conservation methods and energy efficiency technologies at state or federally-owned facilities. Under an EPC, an energy service company (ESC) conducts a comprehensive energy audit for the facility and identifies improvements to save energy. In consultation with the agency, the ESC designs and constructs a project that meets the agency's needs and arranges the necessary financing. The ESC guarantees that the improvements will generate energy cost savings sufficient to pay for the project over the term of the contract. After the contract ends, all additional cost savings accrue to the agency. It should be noted that such contracts are a more expensive option when compared to the General Fund cost of issuing General Obligation (GO) bonds to finance the energy efficiency improvements because the state can issue GO bonds at a lower interest rate than the rates available to the private contractors in the commercial market.

Grant-in-aid Programs - Energy

Boiler Replacement Program (\$10 million unallocated)

Question 1: No funding has been allocated for this program since it was created in 2011. Does DEEP recommend the \$10 million authorization?

DEEP response: DEEP recommends retaining the \$10 million authorization.

Question 2: Does DEEP have a plan to implement this program? If so, please provide the plan.

DEEP response: If DEEP received an allocation of these funds the agency would roll-out the program incrementally, as projects were identified, screened, coordinated with other programs, authorized, and pre-installment barriers⁶ were addressed. DEEP expects that the full \$10 million would be expended by the end of the biennium due to the high level of interest from: (1) non-profit organizations, (2) housing authorities, and (3) low and moderate income households. Providing financial assistance for: (a) equipment replacement, and (b) resolving pre-installment barriers, would leverage state and federal weatherization programs, and complement another loan program sponsored by furnace and boiler-based utilities. This program could also help meet the funding needs identified in Special Act 14-14, "An Act Concerning the Location of Funding Sources for the Healthy Homes Initiative." The act requires the Department of Public Health, in consultation with DEEP and other agencies, to identify funding to address health and safety concerns at homes in need of energy efficiency upgrades.

Agency Projects and Programs - Environment

Recreation and Natural Heritage Trust Program - State open space program (\$18,750,000 unallocated; \$10,000,000 in each of FY 16 and FY 17 proposed by the Governor) - DEEP uses these fund to acquire open space land and water access to add to the State's system of forests, parks, fisheries and natural resource management areas.

Background: The Connecticut General Assembly established a goal of having 21%, or 673,210 acres, of the state's land area preserved as open space. The goal is for DEEP to acquire 10% or 320,576 acres, and assist municipalities, nonprofit land conservation organizations and water companies in acquiring an additional 11%, or 352,634 acres, of the state's land area. As of November 2014, DEEP estimates that the state holds approximately 255,770 acres, or 8% of the state's area. To meet the 21% open space goal, an additional 64,806 acres must be acquired by the state by 2023.

The table below shows bond allocations for this Program from FY 04 to the present.

⁶ Pre-installment barriers represent health and safety concerns that may prevent installment of energy-efficient heating equipment.

The table below shows bond allocations for this Program from FY 04 to the present. The last allocation made for this program was at the May 30, 2014 meeting of the State Bond Commission (\$5,000,000). DEEP expects to exhaust these funds quickly due to a significant number of high priority acquisitions.

**SBC Allocations for the Recreation and Natural Heritage Trust Program
FY 04 to the Present (in millions)**

SBC Date	Amount \$
3/26/04	4.00
12/9/05	4.00
8/18/06	3.00
8/18/06	6.00
7/13/10	6.25
5/30/14	5.00
TOTAL	28.25

State Parks Improvement Program (\$37,987,234 unallocated; \$25,000,000 in FY 16 proposed by the Governor) – There continues to be a backlog of Parks projects, with an estimated value of between \$200 and \$300 million, with an emphasis on accessibility, public health and safety and code compliance. The agency is currently undertaking major projects at Hammonasset Beach, Sherwood Island and Silver Sands State Parks.

Background: The funds are used for renovations, alterations and new construction in state parks and other recreational facilities, including ADA access improvements. Projects are selected based on the 2020 State Park Facilities Improvement Plan and the Connecticut State Parks Infrastructure Conditions Assessment, which evaluated 51 state parks and forest recreation areas against an established infrastructure baseline. Priority is given to addressing public health and safety issues, building code and/or OSHA violations, and replacement of failing infrastructure. The State celebrated the Park System's 100th anniversary in 2014.

Long-term Projects: DEEP prioritized these projects through the “2020” Parks Infrastructure Planning Process. This effort was initiated in 2002-2003, when a State Parks Infrastructure Conditions Assessment was undertaken. The study assessed 51 state parks and forests; and identified over 4,000 improvement projects needed at those facilities. Based on this information and other infrastructure planning, a “2020” planning document was developed, which identifies and prioritizes long-term capital improvement projects throughout DEEP’s infrastructure.

Immediate and short-term projects: These projects arise from unforeseen circumstances. For instance, Tropical Storm Irene severely damaged the bathhouses at Hammonasset’s West Beach, which forced demolition of the buildings. What was initially scheduled as maintenance/renovation work developed into a new project that included replacement of the bathhouses and creation of a new building complex, which will be constructed in 2015. There is also an Agency “Projects Committee” that meets on an on-going

quarterly basis to review and prioritize smaller proposed minor capital projects needed in the State Parks, and other recreation areas. Of note, the DEEP 2020 Infrastructure Program addresses capital improvements at all of DEEP's facilities, which include Wildlife Management Areas, Fish Hatcheries, and other Fishery infrastructure, Boat Launches and Support facilities. Highest priority is given to public health and safety needs, code compliance, building conditions and public recreational needs.

Underground Storage Tank (UST) Program (\$9,000,000 unallocated; \$9,000,000 authorized for FY 16) - PA 12-189 authorizes \$36 million for the UST Program, with \$9 million provided in FY 13, FY 14, FY 15 and FY 16. None of the FY 15 funding has been allocated yet. As of January 2015, the Program has approved claims totaling approximately \$27.7 million awaiting payment election, and claims of \$75 million waiting for audit, approval and payment.

Background: The Program is administered by the Department of Energy and Environmental Protection. It enables owners and operators of Federally-regulated petroleum UST's (motor fuel, used oil, or heating oil for resale) to comply with financial-responsibility requirements; and provides reimbursement to responsible parties and third parties to investigate and clean-up releases, or suspected releases, from USTs. Heating oil USTs for onsite heating are ineligible for this program.

PA 12-1 of the June Special Session, phases out the UST Program. It designates dates after which UST owners or operators can no longer rely upon the program to comply with financial responsibility requirements. After these deadlines, owners or operators must use other mechanisms to satisfy the fiscal responsibility requirements.

Special Contaminated Property Remediation and Insurance Fund (SCPRIF) (\$1,000,000 unallocated) - **The Governor has proposed cancelling the \$1 million unallocated balance for SCPRIF.**

Question: Does DEEP agree that these funds can be cancelled?

These funds capitalized the SCPRIF Loan Program, which is administered by the SCPRIF Advisory Board and DECD. The program enables businesses and municipalities to borrow money to: (1) conduct environmental investigations, (2) perform lead paint and asbestos abatement and (3) demolition and (4) pay for costs related to the remediation of environmental pollution. The sites eligible for a SCPRIF loan may also be Brownfields sites.

The most recent SBC allocation for SCPRIF was \$1 million in July 2011. DECD has identified the following projects as eligible for SCPRIF loans:

Projects Eligible for SCPRIF Loans

Town - Project	Amount \$
New Haven - First Cavalry Baptist Church	50,000
Newtown - Claris Construction	475,000
Milford - Graphic, Inc.	300,000
South Windsor - 85 Nutmeg Rd.	100,000
FY 15 - FY17 Projects Total	925,000

Dam repairs, including state-owned dams (\$6.74 million unallocated) - These funds are used to repair and modernize State-owned dams in compliance with the Army Corps of Engineers and State safety standards. In FY 09, the Inland Water Resources Division hired a consultant to inspect State-owned dams. The study resulted in the development of a prioritized list of repairs for State-owned dams, and an estimated cost for each project. Recent project costs, and continued escalation of construction costs, result in a current estimated total of over \$20 million, which will increase as the dams continue to deteriorate over time and require more comprehensive re-construction. DEEP initiates dam repair projects based upon: (1) risk of failure and the hazard that failure poses to downstream areas and (2) public safety concerns.

The State owns in excess of 260 dams, which create lakes and ponds that are used for a variety of purposes. In addition, DEEP is responsible for major repairs that are needed on dams owned by the Department of Corrections, the Department of Agriculture and Connecticut Valley Hospital (CVH).

See Appendix E for a list of state dam repair projects

Grant-in-aid Programs - Environment

Grants-in-aid to municipalities for open space land acquisition and development for conservation or recreation purposes - town open space program (\$23.0 million unallocated) - This program provides grants-in-aid to: (1) municipalities and nonprofit land conservation organizations to acquire land for open space and (2) water companies to acquire land to be classified as Class I or Class II water supply property.

SBC Allocations for the Municipal Open Space Program FY 04 to the Present (in millions)

SBC Date	Amount \$
2/4/05	5.5
2/29/08	5.0
12/16/11	5.0
5/30/14	5.0
TOTAL	20.5

Grants-in-aid or loans to municipalities for acquisition of land, public parks, recreational and water quality improvements (\$12.69 million unallocated) - These funds are used for grants-in-aid to towns for a variety of purposes.

PA14-98, Sec.9(d), Funds will be allocated for projects as determined by OPM and the State Bond Commission.

Connecticut Bikeway, Pedestrian Walkway and Greenway Grant Program (\$2,000,000 unallocated; \$5,000,000 in each of FY 16 and FY 17 proposed by the Governor) - The Governor proposes utilizing the \$2 million unallocated balance plus a proposed additional \$10 million to leverage existing Federal funding (approximately \$1 million per year) to develop a Statewide Recreational Trails/Bikeways Program. The expanded program would be administered by DEEP and DOT and would provide funding to develop and maintain recreational trails and trail-related facilities for both non-motorized and motorized recreational trail uses.

The language of the original authorization would need to be changed to remove two restrictions and allow continuity with the Federal program: (1) Applicant criteria needs to be expanded from municipalities only, to allow for grants to non-profits, agencies, districts and other organizations, and (2) "bikeway" needs to be re-defined to include all recreational trail facilities.

Urban sites remediation (Brownfields) - Grants-in-aid for identification, investigation, containment, removal or mitigation of contaminated industrial sites in urban areas (\$9,770,000 unallocated; \$5,000,000 in FY 17 proposed by the Governor)

See Appendix F for a list of Urban Sites Remediation Program projects.

Background: The goal of the program is to facilitate redevelopment and economic revitalization in urban areas with contaminated sites known as Brownfields. DEEP works in conjunction with the Office of Brownfield Remediation and Development at DECD to investigate and remediate contaminated sites in urban areas where the responsible party is unable or unwilling to conduct the work.

State Superfund Program - Containment, removal or mitigation of identified hazardous waste disposal sites, and for grants-in-aid to municipalities for new water mains to replace water supplied from contaminated wells (\$32,718,000 unallocated)

See Appendix G for DEEP's current list of projects that are eligible under the State Superfund Program.

Background: DEEP uses these funds for the State Superfund Program, which investigates and remediates hazardous waste and substance disposal sites that pose an unacceptable

risk to human health and the environment, where a responsible party is not available to perform the needed work in a timely manner. In addition, the funds can be used to provide Municipal grants-in-aid to install water lines in areas affected by contamination from a State Superfund site.

The funds are also used to provide the State's share of remedial action costs for Federal Superfund sites where the Environmental Protection Agency is funding and performing the remedial action (due to the absence of a viable responsible party). The State's share typically ranges from 10% to 50% of the costs, and is a statutory obligation in order to have the Federal government pay the remainder of the cost.

DEEP evaluates hazardous waste sites for funding under this Program by using a variety of criteria to calculate a Superfund priority score.

Omnibus for various DEEP programs including Urban Sites, Superfund, Potable Water and Water Pollution Control (\$11,350,820 unallocated) - The unallocated balance will be used, as needed, for various DEEP Programs, including Urban Sites, State Superfund, Potable Water and Water Pollution Control. These programs are described in other sections of DEEP's testimony.

Incinerators and landfills - Grants-in-aid to municipalities for improvements to incinerators and landfills, including but not limited to bulky waste landfills (\$2,940,000 unallocated) - This program provides grants-in-aid to municipalities for improvements to incinerators and landfills. Future closures will be determined through a process of inspection, assessment of pollution potential, and proposed schedules for closure pursuant to approved closure plans and/or stewardship permit requirements for the closure of landfills. In the FY16, FY17 Capital Budget Request document, the DEEP made a request to broaden current Authorization language to include grants to State agencies.

Various flood control improvements, flood repair, erosion damage repairs and municipal dam repairs (\$5,674,710 unallocated; \$5,000,000 in each of FY 16 and FY 17 proposed by the Governor) - The funds are used for: (1) the state's share of projects undertaken cooperatively with towns and the Federal government for flooding, erosion and municipal dam repair projects and (2) State-owned flood control projects.

These funds are required for projects currently scheduled for study, design and implementation. In addition, these funds are used as matching funds for Federal Emergency Management programs and as such, it is necessary to have funds in place when flood events occur. The current Unallocated balance will fund high priority projects anticipated during the FY15 fiscal year. DEEP has estimated FY16 and FY17 Requested funds at \$5.0M/yr. based upon historical demand, however demand can vary significantly due to the unpredictability of natural disasters. For funds Authorized in FY16 and later, DEEP will request Bond Commission allocations for projects on a priority basis.

See Appendix H for a list of flood control projects.

Lakes Restoration Program (\$687,805 unallocated) - The Lakes Program provides municipalities and lake associations with matching grants of 75% for lake water quality studies, and 50% for lake restoration projects. The funds are used to abate lake eutrophication⁷ problems by implementing recommendations from ongoing lake restoration studies. Lake restoration projects include dredging, algae control, storm water infrastructure improvements and aquatic plant eradication. The Unallocated balance would be used to fund a grant round. Grants would be made available to interested municipalities in accordance with Lake Grant Program regulations, Sec. 22a-330 CGS.

Potable Water Program (\$3,258,707 unallocated)) - These funds provide grants-in-aid to municipalities to address well water pollution problems when no responsible party can be found; or the responsible party has insufficient funds to cover the cost of providing an alternative water supply. Grant funds may be used to evaluate long-term water supply alternatives, and also for capital costs for implementing the preferred alternative.

See Appendix I for a list of potable water projects.

Clean Water Program:

Clean Water Fund grants-in-aid made with General Obligation (GO) bonds (\$175,000,000 unallocated; \$47,500,000 in FY 16 and \$92,500,000 in FY 17 proposed by the Governor)

Clean Water Fund, low interest revolving loans made with revenue bonds (\$342,400,000 unallocated; \$58,000,000 in FY 16 and \$180,000,000 in FY 17 proposed by the Governor)

The state uses Clean Water Fund (CWF) GO bonds and revenue bonds for:

- CWF projects. The state assists municipalities in planning, designing and constructing wastewater infrastructure to protect human health and water quality. GO bonds provide grants-in-aid for a portion of the CWF project cost and revenue bonds provide low-interest loans for the remainder of the cost. The program is administered by DEEP.
- Drinking Water Fund (DWF) projects. The state assists public water systems with financing the infrastructure upgrades needed to achieve and maintain compliance

⁷ Eutrophication is the depletion of oxygen in water. The process occurs when a body of water becomes rich in dissolved nutrients from fertilizers or sewage. It encourages the growth and decomposition of oxygen-depleting plant life, which harms to other organisms that breathe oxygen dissolved in the water.

with federal Safe Drinking Water Act requirements and protect public health. The DWF is the state’s funding mechanism to provide low-interest loans from the Drinking Water State Revolving Fund (DWSRF) to eligible public water systems to assist them with the cost of planning, design and construction. GO bonds are used to fulfill the federal match requirements for the DWSRF. Revenue bonds leverage DPH's annual federal capitalization grants for the DWSRF, which provide additional funds for drinking water projects. This program is administered by DPH.

See Appendix J for a list of Clean Water Fund projects.

CT Energy Finance and Investment Authority

Description	Unallocated 2/1/15 \$	Proposed FY 16 \$	Proposed FY 17 \$
Agency Projects and Programs - Energy			
Grants-in-aid for municipal renewable energy and efficient energy generation projects.	18,000,000	-	15,000,000

Question 1: What renewable energy and efficient energy generation projects does this encompass?

CEFIA response: CGS Sec. 16-245n(a) establishes a municipal grant-in-aid program for "renewable energy", including solar photovoltaic energy, solar thermal, geothermal energy, wind, ocean thermal energy, wave or tidal energy, fuel cells, landfill gas, hydropower that meets the low-impact standards of the Low-Impact Hydropower Institute, hydrogen production and hydrogen conversion technologies, low emission advanced biomass conversion technologies, alternative fuels, used for electricity generation including ethanol, biodiesel or other fuel produced in Connecticut and derived from agricultural produce, food waste or waste vegetable oil, provided the Commissioner of Environmental Protection determines that such fuels provide net reductions in greenhouse gas emissions and fossil fuel consumption, usable electricity from combined heat and power systems with waste heat recovery systems, thermal storage systems and other energy resources and emerging technologies which have significant potential for commercialization and which do not involve the combustion of coal, petroleum or petroleum products, municipal solid waste or nuclear fission.

Question 2: Is there a prioritized plan to spend the unallocated balance of \$18 million? If so, please provide it.

CEFIA response: The agency plans to use the funds to support the DEEP key policy priorities established in Sections 118 and 122-123 of PA 11-80, as well as DEEP’s microgrid program (described above).

**Office of the State Comptroller
Connecticut Public Broadcasting Network**

OFA Analyst: Holly Williams

Description	Unallocated 2/1/15 \$	Proposed FY 16 \$	Proposed FY 17 \$
Grant-in-aid to the Connecticut Public Broadcasting Network for transmission, broadcast, production and information technology equipment.	3,300,000	-	-

Grant-in-aid to the Connecticut Public Broadcasting Network for transmission, broadcast, production and information technology equipment (\$3,300,000 unallocated) – The funds will be used to purchase the equipment listed in the table below:

Equipment for the Connecticut Public Broadcasting Network

Description	Amount \$	Year
Transmission Equipment	1,000,000	
Upgrade of digital transmission facilities (TV, radio, on-line)	100,000	2015
Unified Content Storage & Data Center (TV, radio, on-line)	900,000	2016
Broadcast Equipment	600,000	
High Definition production equipment (TV, radio)	200,000	2017
Upgrades to network-wide broadcast servers/automation	150,000	2016
Upgrade of network-wide routers for multi-channels	200,000	2017
Automated scheduling systems	50,000	2015
TV and Radio Production Equipment	750,000	
Upgrade of field/studio cameras & capture equipment	200,000	2015
Upgrade of remote and in-house editing systems	100,000	2016
Community Content Incubator Labs	450,000	2017
Information Technology	950,000	
Fiber Communication Network (Overhaul & Consolidation of IP based Data/Voice/Video Backbone)	350,000	2015
Corporate application server upgrades	150,000	2016
Upgrade of end-user technology (Desktops/Laptops/Mobile)	100,000	2016
Firewalls and security upgrades (network-wide)	100,000	2015
Integrated Constituent Management System (network-wide)	250,000	2016
TOTAL	3,300,000	

The table below shows the amount of funding requested by the Connecticut Public Broadcasting Network by year:

Equipment Funding by Year for the Connecticut Public Broadcasting Network

Year	Amount \$
2015	800,000
2016	1,650,000
2017	850,000
TOTAL	3,300,000

Appendix A

DECD Earmarks

Description	Bond Fund	Authorized Amount \$	Unallocated 12/1/14 \$
DECD - Earmarks			
Entertainment-related projects - Grants-in-aid to municipalities and nonprofit organizations for cultural and entertainment-related economic development projects, including museums. SA 05-1, (JSS), Sec. 13(j)(2): (A) \$1,000,000 shall be made available for the Bridgeport Downtown Cabaret, (B) \$250,000 shall be made available for capital improvements to the Augustus Curtis Cultural Center in Meriden; PA 05-1, (JSS), Sec. 32(j)(2): \$625,000 shall be made available to Norwalk for the Norwalk Maritime Museum.	12052(06)SA 05-1 13(j)(2)	4,000,000	1,250,000
	12052(07)SA 05-1 32(j)(2)	4,000,000	625,000
<i>Comment: Bond Commission approved \$268,810 at its meeting on January 9, 2014. Funding remains for Bpt. Cabaret, Augustus Curtis Cultural Center and Norwalk Maritime. Applicants have not contacted agency. Funds have not been requested by recipients. Over five years old.</i>			
Grants-in-aid to nonprofit organizations sponsoring children's museums, aquariums, and science-related programs, including CT Science Center in an amount not exceeding \$10.5 million and the Maritime Aquarium at Norwalk not exceeding \$6.6 million. PA 14-98, Sec. 9(e)(4)	12052(15)PA 14-98 9(e)(4)	17,100,000	13,100,000
<i>Comment: CT Science Center received \$4M Urban Act approved by BC on 7/25/14. We have been in contact with them. The project is under contract and work is on-going. The entire amount of \$10.5M will be eventually needed to complete the project. The Norwalk Aquarium received some DECD funding (\$400K) over the last few years but has not been in contact with the agency regarding any new project. This funding is an important capital investment in the state's most prominent and locally significant cultural, educational and tourism sites.</i>			
Ansonia - Grant-in-aid to Ansonia for the downtown development. SA 05-1, (JSS), Sec. 32(j)(4)	12052(07)SA 05-1 32(j)(4)	125,000	125,000
<i>Comment: Status of project unknown. Applicant has not contacted agency. Over five years old.</i>			
Ansonia - Grant-in-aid to the Ansonia Development Corporation for downtown development projects. PA 07-7, (JSS), Sec. 13(f)(10)	12052(08)PA 07-7 13(f)(10)	500,000	500,000
<i>Comment: A \$500K Urban Act Grant was approved for this project by BC on 7/25/14.</i>			
Bethel - Grant-in-aid to Bethel for downtown development and municipal parking improvements. PA 07-7, (JSS), Sec. 13(f)(41)	12052(08)PA 07-7, 13(f)(41)	500,000	500,000
<i>Comment: Status of project unknown. Applicant has not contacted agency. Funds have not been requested by recipient. Over five years old.</i>			
Bloomfield - Grant-in-aid to Bloomfield for a façade improvement program. SA 05-1, (JSS), Secs. 13(j)(24) & 32(j)(22); PA 10-44, Sec. 152	12052(07)SA 05-1, 32(j)(22)	500,000	500,000

Description	Bond Fund	Authorized Amount \$	Unallocated 12/1/14 \$
<i>Comment: Town is working with state officials to change use funds to carry out renovations at the Captain Oliver Filley House.</i>			
Cromwell - Grant-in-aid to Cromwell for downtown revitalization. SA 05-1, (JSS), Sec. 32(j)(17)	12052(07)SA 05-1 32(j)(17)	150,000	150,000
<i>Comment: Status of project unknown. Applicant has not contacted agency.</i>			
East Haddam - Grant-in-aid to the Goodspeed Opera House Foundation, Incorporated, for construction of a new facility in East Haddam. SA 05-1, (JSS), Secs. 13(j)(10) & 32(j)(8)	12052(06)SA 05-1 13(j)(10) & 12052(07)SA 05-1 32(j)(8)	10,000,000	10,000,000
<i>Comment: Funds are still needed. The Goodspeed Opera House Foundation, Inc. requested the funds for its new theater project which is expected to move forward in the near future as per a letter to DECD dated January 8, 2014. This funding is critical to make the project a reality.</i>			
East Hartford - Grant-in-aid to the City of East Hartford for road and infrastructure and improvements associated with the Rentschler Field project. PA 99-242, Sec. 32(d)(2)	1873(00)PA 99-242 32(d)(2)	6,500,000	6,500,000
<i>Comment: Applicant has not contacted agency. Hasn't been a need for these funds.</i>			
East Hartford - Grant-in-aid to the East Hartford Housing Authority, for renovation of an existing building into a community center at Veterans Terrace. SA 05-1, (JSS), Sec. 32(j)(14)	12052(07)SA 05-1 32(j)(14)	350,000	350,000
<i>Comment: transferred to DOH</i>			
East Haven - Grant-in-aid to East Haven for Phase III downtown development. PA 07-7, (JSS), Sec. 32(f)(10)	12052(09)PA 07-7 32(f)(10)	1,000,000	1,000,000
<i>Comment: Status of project unknown. Applicant has not contacted agency. Funds have not been requested by recipient. Over five years old.</i>			
Farmington - Grant-in-aid to the town of Farmington for completion of a portion of a trail in Rails to Trails. PA 07-7, (JSS), Sec. 13(f)(47)	12052(08)PA 07-7 13(f)(47)	65,000	15,000
<i>Comment: Status of project unknown. Applicant has not contacted agency. Funds have not been requested by recipient. Over five years old.</i>			
Hamden- Grant-in-aid to Hamden for Whitneyville Center streetscape improvements. PA 07-7, (JSS), Sec. 13(f)(19)	12052(08)PA 07-7 13(f)(19)	390,000	390,000
<i>Comment: Status of project unknown. Applicant has not contacted agency. Funds have not been requested by recipient. Over five years old.</i>			
Hartford - Grant-in-aid to Southside Institutions Neighborhood Alliance for a community sports complex in Hartford. SA 04-2, (MSS), Sec. 13(h)(2)	12052(05)SA 04-2 13(h)(2)	1,000,000	1,000,000
<i>Comment: Project received \$2M from UA funds 9/25/98. All funds expended and project completed. Request that funding be rescinded.</i>			
Hartford - Grant-in-aid to the Craftery Gallery, Incorporated, for the purchase of a building and necessary alterations and renovations. SA 05-1, (JSS), Sec. 13(j)(18)	12052(06)SA 05-1 13(j)(18)	50,000	50,000

Description	Bond Fund	Authorized Amount \$	Unallocated 12/1/14 \$
<i>Comment: Status of project unknown. Applicant has not contacted agency. Funds have not been requested by recipient. Over five years old.</i>			
Killingly - Grant-in-aid to Killingly for downtown revitalization. SA 05-1, (JSS), Sec. 32(j)(7)	12052(07)SA 05-1 32(j)(7)	1,000,000	1,000,000
<i>Comment: Status of project unknown. Applicant has not contacted agency. Funds have not been requested by recipient. Over five years old.</i>			
Manchester - Grant-in-aid to Manchester for the Broad Street streetscape project. PA 07-7, (JSS), Sec. 32(f)(11)	12052(09)PA 07-7 32(f)(11)	2,000,000	1,000,000
<i>Comment: DECD is currently under contract with the Town for \$3,000,000 from a Capital Improvements grant (PA 07-7, JSS, Secs. 13(f)(20) & 32(f)(11)) which is being used for reconstruction activities on Broad Street, Manchester. Funds not necessary since the project has been completed.</i>			
Meriden - Grant-in-aid to Meriden for the West Main Street streetscape project. PA 07-7, (JSS), Sec. 13(f)(22)	12052(08)PA 07-7 13(f)(22)	2,000,000	800,000
<i>Comment: Applicant has not contacted agency. Funds have not been requested by recipient. Over five years old.</i>			
Middlesex County Revitalization Commission - Grant-in-aid to the Middlesex County Revitalization Commission for revitalization projects. PA 07-7, (JSS), Sec. 13(f)(7)	12052(08)PA 07-7 13(f)(7)	878,050	878,050
<i>Comment: Status of project unknown. Applicant has not contacted agency. Funds have not been requested by recipient. Over five years old.</i>			
New Britain - Grant-in-aid to New Britain for purchase of a new scoreboard, production equipment and related software to be used at New Britain Stadium, and for repairs and upgrades to the suites at New Britain Stadium. PA 07-7, (JSS), Sec. 13(f)(15)	12052(08)PA 07-7 13(f)(15)	500,000	500,000
<i>Comment: DECD-OFRSP working with City to determine if project will go forward.</i>			
New Britain - Grant-in-aid to New Britain for property acquisition, design development and construction of a downtown redevelopment plan. PA 07-7, (JSS), Sec. 13(f)(14)	12052(08)PA 07-7 13(f)(14)	1,000,000	500,000
<i>Comment: DECD-OFRSP working with City on contracting for the \$500,000. Funds should stay in place. Project is under contract for \$500K.</i>			
New Haven - Grant-in-aid to University of New Haven for establishment of the Henry Lee Institute. SA 05-1, (JSS), Sec. 32(a)(2)	12052(07)SA 05-1 32(j)(9)	1,500,000	1,500,000
<i>Comment: Construction of Building Complete 11/2011; \$1M SA 05-1 JSS Sec. 13(n)(2)BC 3/31/06 & \$1M SA05-1JSS Sec.13(j)(23) BC 3/28/0. Final payment approved for combined grants on 6/16/11. These additional funds can be returned.</i>			
New Haven - Grant-in-aid to New Haven for the River Street development project. PA 07-7, (JSS), Sec. 32(f)(7)	12052(08)PA 07-7 32(f)(7)	2,250,000	2,250,000
<i>Comment: The Project received a \$2,800,000 allocation from PA 07-7; Sec 13(f)(13), allocated 10/3/12; expended \$132,612 as of 12/31/13.</i>			
Newington - Grant-in-aid to Newington for the community center. PA 07-7, (JSS), Sec. 13(f)(49)	12052(08)PA 07-7 13(f)(49)	750,000	750,000
<i>Comment: Status of project unknown. Applicant has not contacted agency. Funds have not been requested by recipient. Over five years old.</i>			

Description	Bond Fund	Authorized Amount \$	Unallocated 12/1/14 \$
Portland - Grant-in-aid to Portland for renovation of property for the Sculptors Museum and Training Center. SA 05-1, (JSS), Sec. 13(j)(20)	12052(06)SA 05-1 13(j)(20)	90,000	90,000
<i>Comment: Status of project unknown. Applicant has not contacted agency. Funds have not been requested by recipient. Over five years old.</i>			
Portland - Grant-in-aid to Portland for sidewalk repairs. PA 07-7, (JSS), Sec. 13(f)(48)	12052(08)PA 07-7 13(f)(48)	200,000	200,000
<i>Comment: Town has received STEAP Funding for this project. Funding is no longer needed.</i>			
Portland - Grant-in-aid to Portland for improvements and repairs to the town green gazebo and the historic brownstone swing. SA 05-1, (JSS), Sec. 13(j)(21)	12052(06)SA 05-1 13(j)(21)	50,000	50,000
<i>Comment: Town has received STEAP Funding for this project. Funding is no longer needed.</i>			
Southington - Grant-in-aid to Southington for road relocation, utility upgrades, new service facilities and other improvements related to expanding Lake Compounce Water Park. PA 07-7, (JSS), Sec. 13(f)(32)	12052(08)PA 07-7 13(f)(32)	3,300,000	3,300,000
<i>Comment: Status of project unknown. Applicant has not contacted agency regarding this \$3.3M. DECD recently conducted a CEPA review of a Lake Compounce Expansion Project for a campground. Funds have not been requested by recipient. Over five years old.</i>			
Southington - Grant-in-aid to Southington for renovations at the Southington Drive-In. PA 07-7, (JSS), Sec. 13(f)(17)	12052(08)PA 07-7 13(f)(17)	250,000	250,000
<i>Comment: A Capital Improvements grant (SA 05-1, JSS, SEC.13(j)(4)) of \$200,000 (expended) to the Town of Southington funded the redevelopment of the former drive-in theater property, including parking, site improvements, demolition of deteriorated structures, a pavilion, restrooms, and related improvements for the expansion of the adjacent Southington Recreation Park. This has been completed by DECD; agency has not been contacted for this \$250,000. Over five years old.</i>			
Stafford: - Grant-in-aid to Stafford for downtown redevelopment. PA 07-7, (JSS), Sec. 13(f)(8)	12052(08)PA 07-7 13(f)(8)	439,025	439,025
<i>Comment: Status of project unknown. Applicant has not contacted agency. Funds have not been requested by recipient. Over five years old.</i>			
Stratford - Grant-in-aid to Stratford for the Barnum Avenue streetscape project. SA 05-1, (JSS), Sec. 13(j)(13); PA 10-44, Sec. 149	12052(06)SA 05-1 13(j)(13)	350,000	350,000
<i>Comment: Status of project unknown. Applicant has not contacted agency.</i>			
Stratford - Grant-in-aid to Stratford for streetscape improvements. PA 07-7, (JSS), Sec. 13(f)(50); PA 10-44, Sec. 293	12052(08)PA 07-7 13(f)(50)	250,000	250,000
<i>Comment: Status of project unknown. Applicant has not contacted agency. Funds have not been requested by recipient. Over five years old.</i>			
Thompson - Grant-in-aid to Thompson for downtown revitalization. SA 05-1, (JSS), Sec. 32(j)(6)	12052(07)SA 05-1 32(j)(6)	1,000,000	1,000,000
<i>Comment: Status of project unknown. Applicant has not contacted agency. Funds have not been requested by recipient. Over five years old.</i>			
West Haven - Grant-in-aid to West Haven, for Front Avenue industrial development and for improvements	12052(06)SA 05-1 13(j)(12)	1,000,000	500,000

Description	Bond Fund	Authorized Amount \$	Unallocated 12/1/14 \$
to the Allingtown Business District. SA 05-1, (JSS), Sec. 13(j)(12)			
<i>Comment: Applicant has not contacted agency for the unallocated balance of \$500,000; prior authorization has been expended Over five years old.</i>			
Wethersfield - Grant-in-aid to Wethersfield for economic development and infrastructure improvements related to the Silas Deane Highway. PA 07-7, (JSS), Sec. 13(f)(44)	12052(08)PA 07-7 13(f)(44)	1,000,000	1,000,000
<i>Comment: Status of project unknown. Applicant has not contacted agency.</i>			
DECD - Culture and Tourism Earmarks			
Airline Trail - Grant-in-aid to Quinebaug Shetucket Heritage Corridor, Inc for planning for the completion of the Airline Trail. SA 05-1, (JSS), Sec. 13(e)(8)	12052(06)SA 05-1 13(e)(8)	100,000	100,000
<i>Comment: Status of project unknown. Applicant has not contacted agency. Over five years old.</i>			
Bridgeport - Grant-in-aid to the Barnum Museum Foundation, Inc. for renovations at the Barnum Museum in Bridgeport. PA 07-7, (JSS), Sec. 13(e)(21); PA 10-44, Sec. 265	12052(08)PA 07-7 13(e)(21)	1,000,000	1,000,000
<i>Comment: Status of project unknown. Applicant has not contacted agency. Over five years old.</i>			
Bristol - Grant-in-aid to Bristol for renovation of the American Clock and Watch Museum. SA 05-1, (JSS), Sec. 32(e)(4)	12052(07)SA 05-1 32(e)(4)	1,500,000	1,500,000
<i>Comment: Status of project unknown. Applicant has not contacted agency. Funds have not been requested by recipient. Over five years old.</i>			
Danbury - Grant-in-aid to the Stanley L. Richter Association for the Arts in Danbury for roof repair, expansion and ADA improvements. PA 07-7, (JSS), Secs. 13(e)(24) & 32(e)(7)	12052(08)PA 07-7 13(e)(24) & 12052(09)PA 07-7 32(e)(7)	300,000	300,000
<i>Comment: Status of project unknown. Applicant has not contacted agency. Funds have not been requested by recipient. Over five years old.</i>			
East Hampton - Grant-in-aid to East Hampton for renovation and restoration of the Goff House. PA 07-7, (JSS), Sec. 13(e)(26)	12052(08)PA 07-7 13(e)(26)	100,000	100,000
<i>Comment: Status of project unknown. Applicant has not contacted agency. Funds have not been requested by recipient. Over five years old.</i>			
Granby - Grant-in-aid to Holcomb Farm in Granby for restoration and renovation of buildings. PA 07-7, (JSS), Sec. 13(e)(14); PA 10-44, Sec. 261	12052(08)PA 07-7 13(e)(14)	50,000	50,000
<i>Comment: Status of project unknown. Applicant has not contacted agency. Funds have not been requested by recipient. Over five years old.</i>			
Greenwich - Grant-in-aid to Greenwich for renovation of existing or construction of new exhibition areas, teaching spaces and the science gallery at the Bruce Museum. PA 07-7, (JSS), Sec. 13(e)(2)	12052(08)PA 07-7 13(e)(2)	1,000,000	250,000
<i>Comment: The project is still needed. The applicant is not ready to move forward with the project at this time. Over five years old.</i>			

Description	Bond Fund	Authorized Amount \$	Unallocated 12/1/14 \$
Killingworth - Grant-in-aid to Killingworth for restoration and renovations at the Killingworth Old Town Hall Building: SA 05-1, (JSS), Sec. 13(n)(5); PA 07-7, (JSS), Sec. 175	12052(06)SA 05-1 13(e)(3)	250,000	250,000
<i>Comment: Status of project unknown. Applicant has not contacted agency. Over five years old.</i>			
Meriden - Grant-in-aid to Gallery 53 in Meriden for structural improvements. PA 07-7, (JSS), Sec. 13(e)(19)	12052(08)PA 07-7 13(e)(19)	50,000	50,000
<i>Comment: Status of project unknown. Applicant has not contacted agency. Funds have not been requested by recipient. Over five years old.</i>			
Middletown - Grant-in-aid to the Kidcity Children's Museum in Middletown for construction of a new building. PA 07-7, (JSS), Sec. 13(e)(7)	12052(08)PA 07-7 13(e)(7)	1,000,000	1,000,000
<i>Comment: Status of project unknown. Applicant has not contacted agency. Funds have not been requested by recipient. Over five years old.</i>			
Mystic - Grant-in-aid to Mystic to improve transportation access at the north gate at the Museum of America and the Sea at Mystic Seaport. PA 07-7, (JSS), Sec. 32(e)(2); PA 10-44, Sec. 325	12052(09)PA 07-7 32(e)(2)	750,000	750,000
<i>Comment: Status of project unknown. Applicant has not contacted agency. Over five years old.</i>			
New Haven - Grant-in-aid to the New Haven Museum and Historical Society for the restoration and reconstruction of the Pardee Morris House. PA 07-7, (JSS), Sec. 13(e)(27); PA 10-44, Sec. 268	12052(08)PA 07-7 13(e)(27)	350,000	350,000
<i>Comment: Status of project unknown. Applicant has not contacted agency. Funds have not been requested by recipient. Over five years old.</i>			
Norwich - Grant-in-aid to the Norwich Free Academy for Americans with Disabilities Act improvements at the Slater Memorial Museum, including installation of an elevator. PA 07-7, (JSS), Sec. 13(e)(8)	12052(08)PA 07-7 13(e)(8)	800,000	800,000
<i>Comment: Status of project unknown. Applicant has not contacted agency. Funds have not been requested by recipient. Over five years old.</i>			
Scotland - Grant-in-aid to the Samuel Huntington Trust, Incorporated, for the capital campaign to preserve the Samuel Huntington House. SA 05-1, (JSS), Sec. 13(e)(7)	12052(06)SA 05-1 13(e)(7)	70,000	70,000
<i>Comment: Status of project unknown. Applicant has not contacted agency. Funds have not been requested by recipient. Over five years old.</i>			
Torrington - Grant-in-aid to Torrington for development and construction of the Warner Theater Stage House. PA 07-7, (JSS), Sec. 32(e)(5); PA 10-44, Sec. 327	12052(09)PA 07-7 32(e)(5)	750,000	750,000
<i>Comment: Status of project unknown. Applicant has not contacted agency.</i>			
Westport - Grant-in-aid to Westport for new construction at the Levitt Pavilion for the Performing Arts. PA 07-7, (JSS), Sec. 13(e)(15)	12052(08)PA 07-7 13(e)(15)	1,000,000	500,000
<i>Comment: Status of project unknown. Applicant has not contacted agency. Funds have not been requested by recipient. Over five years old.</i>			
Willimantic - Grant-in-aid to Willimantic for restoration	12052(08)PA	650,000	650,000

Description	Bond Fund	Authorized Amount \$	Unallocated 12/1/14 \$
of historic properties along Main Street. PA 07-7, (JSS), Sec. 13(e)(23)	07-7 13(e)(23)		
<i>Comment: Status of project unknown. Applicant has not contacted agency. Over five years old.</i>			
Windsor Locks - Grant-in-aid to the New England Air Museum in Windsor Locks for construction of a swing space storage building and an education building. PA 07-7, (JSS), Sec. 13(e)(25); PA 10-44, Sec. 267	12052(08)PA 07-7 13(e)(25)	2,000,000	1,500,000
<i>Comment: A total of \$500,000 was allocated for this project. The Storage Hanger Expansion project was completed. Additional funding may be needed for the educational building. Status of that is unknown. Over five years old.</i>			

Appendix B

Regional Brownfield Redevelopment Program: Round 3 and Round 4 Projects

Round 3 (September 2013): DECD, in cooperation with the Department of Energy and Environmental Protection, the Office of Policy and Management, and Connecticut Innovations, selected 17 projects that received a total of \$17.1 million from the program, as shown in the table below.

Regional Brownfield Redevelopment Awards

Project	Town	Grant \$	Loan \$	Total \$
Landfill/Ice Rink	Clinton	200,000	-	200,000
Capewell Horsenail Factory	Hartford	2,000,000	-	2,000,000
Pearl Street Abatement Project	Hartford	500,000	-	500,000
Transit Station Project	Middletown	-	964,339	964,339
Star Supply site	New Haven	-	1,748,500	1,748,500
Hockanum Mill	Vernon	-	2,000,000	2,000,000
Washington Ave	Waterbury	780,000	-	780,000
313 Mill Street/Mad River Develop	Waterbury	2,000,000	-	2,000,000
Remediation/Recycling Facility	Watertown	-	314,500	314,500
National Welding Site	Newington	2,000,000	-	2,000,000
Security Bldg Downtown Vill District	Bridgeport	1,014,821	-	1,014,821
Hereos Village Urban Ag Center	Bridgeport	1,000,000	-	1,000,000
9 Rubber Ave	Naugatuck	975,000	-	975,000
Veterans Landing	Newington	-	250,000	250,000
Recycling Facility Sackett Point Road	North Haven	194,100	-	194,100
Metacomet IP Remed. & Reuse	Plainville	-	800,000	800,000
10 Broadway Road	Trumbull	-	350,000	350,000
Total		10,663,921	6,427,339	17,091,260

Round 4 (May 2014): The table below summarizes Round 4 awards under the Regional Brownfield Redevelopment Program.

Round 4 Awards of the Regional Brownfield Redevelopment Program

Municipality	Description	Amount \$
Bethany - Regional Economic Xcelleration	For the investigation of 29 acres on two parcels in Bethany that have the potential to support agricultural uses, as well as housing and research, lab, and training space.	75,000
Bridgeport	For the investigation of 13.2 acres on two parcels, Remington Shaver and 60 Main Street, the site of a proposed mixed-use development with affordable housing and public open space.	200,000

Municipality	Description	Amount \$
Derby - Valley Council of Governments	To investigate the site conditions at O'Sullivan's Island in Derby.	200,000
Enfield	To assess 4.5 acres across seven parcels for potential commercial redevelopment and mixed-use transit-oriented development.	200,000
Greater Hartford Region - Capital Regional Council of Governments	To investigate 9.8 acres across two parcels in Hartford, on Windsor and Hawthorn streets, with potential for transit-oriented development, as well as conducting an inventory of additional brownfield sites that are candidates for redevelopment in conjunction with the state's investment in CTfastrak and the New Haven-Hartford-Springfield rail corridor.	200,000
Hartford	To conduct environmental investigation for a roadway connector from Bartholomew Avenue to Flatbush Avenue in the Parkville neighborhood.	112,000
Hartford/ Farmington	For early-stage investigation of 86 acres of Batterson Park for redevelopment that will benefit Hartford and Farmington.	55,000
Meriden	To assess 5.6 acres across three sites for a proposed mixed-use, transit-oriented development project that includes the rehabilitation of public housing.	200,000
Middletown	For the investigation of 12 acres on four sites in downtown Middletown, the site of a proposed mixed-use transit-oriented development project.	200,000
New Britain	To assess the commercial redevelopment of a 2-acre parcel on Bosco Drive, the site of a proposed medical office building.	200,000
New Haven - Science Park Development Corp	To investigate 3.5 acres as part of the next phase of development in Science Park, the former Winchester Repeating Arms Factory, in New Haven.	200,000
New London	To assess 6.8 acres across two downtown parcels for mixed-use redevelopment, including affordable housing.	200,000
Newtown	To investigate 9 buildings on the Fairfield Hills campus.	200,000
Norwalk	To investigate a 4.9-acre site, currently a parking lot near the South Norwalk station, for the feasibility of a mixed-use, transit-oriented development project.	200,000
Norwich	To study 8.5 acres across five sites as part of the revitalization of the Shipping Street corridor.	200,000
Portland	For assessing 5.3 acres on three sites adjacent to the Brownstone Exploration and Discovery Park for commercial and open space development.	200,000
Preston - State Hospital Site Rte. 12	For the investigation of 13 buildings on the 393-acre Norwich Hospital campus prior to demolition and redevelopment of the full site for a variety of	200,000

Municipality	Description	Amount \$
	potential uses.	
Shelton Economic Development Corp.	To study 1.7 acres known as the Rolfite property for mixed-use redevelopment.	200,000
Southbury - Valley Council of Governments	To assess the baseline environmental conditions of the 449-acre Southbury Training School site in Southbury, done in conjunction with the Southbury Training School Task Force.	200,000
Thompson	To investigate the 33-acre Belding Site for the feasibility of a mixed-use or commercial redevelopment.	200,000
Vernon	For the investigation of 15.2 acres across five former mill sites in Rockville for multiple potential redevelopment uses.	200,000
Winchester	To assess 2.7 acres across two sites for commercial redevelopment.	100,000
TOTAL		3,942,000

Round 5 (August/September 2014): The table below summarizes Round 5 awards under the Regional Brownfield Redevelopment Program.

Round 5 Awards of the Regional Brownfield Redevelopment Program

Municipality	Description	Amount \$
Berlin	To complete the remediation of a 1.7 acre site at 889 Farmington Avenue for mixed use / TOD development at the site, located directly adjacent to the commuter train station that will benefit from the ongoing expansion of the New Haven – Hartford – Springfield line.	406,057
Bridgeport - 60 Main Street, LLC	To remediate and rejuvenate a 12.2 acre parcel in the South End/Seaside; the project includes 1,200 proposed residential units in the Park/University of Bridgeport neighborhood.	2,000,000
Bridgeport - 1136-1162 Main Street	For the remediation and revitalization of a 0.8 acre parcel in the downtown historic district for mixed use, mixed-income redevelopment; the project includes 50 residential units.	1,000,000
Bridgeport - Bhagya Realty Holdings	To remediate and redevelop a 3 acre parcel to be repurposed for 156 residential units, retail and a charter school.	1,176,300
Hamden - Hamden Economic Dev. Commission	To remediate and redevelop the 3.1 acre former Newhallville Community Center (school facility) into the Hamden Business Incubator.	350,000
Killingly	To advance the development of the Mill at Killingly Apartments, which will rehabilitate the former 4.1 acre site of the Powdrell and Alexander Textile Mill. The project will create 32 units of supportive,	2,017,204

Municipality	Description	Amount \$
	affordable and market rate rental units.	
Meriden	To remediate a 1.24 acre site that will replace distressed public housing with a mixed use, mixed income development located nearby the Meriden Transit Center; the project includes 75 residential units.	597,000
Middletown	To remediate a City-owned former auto repair/gas station, to be redeveloped into a commercial development.	350,000
Montville	To remediate a 1.1 acre underutilized site for redevelopment led by expansion of an existing business and development of future commercial rental spaces.	355,560
New Britain - Grace CME Church	To remediate a 4.3 acre site to enable development of a state of the art community center to be used by the New Britain community.	350,000
New Britain	To remediate a 4.8 acre parcel (the former police station) that will encourage a mixed use/TOD development at the terminus of CTFastrak.	2,717,000
New Haven - Science Park Dev. Corporation	To remediate a 9.4 acre parcel to facilitate adaptive reuse of the historic Winchester Repeating Arms Facility. Abandoned buildings will be redeveloped into a 200-unit residential complex in the Dixwell/Newhallville Section of New Haven.	4,000,000
New Haven - Housing Authority of New Haven - Glendower Group	To remediate 1.7 acres in order to create 32 units of new affordable housing, retail/office and community space for residents and the surrounding neighborhood. This project is a component of the larger redevelopment of the Farnam Courts public housing complex.	833,386
Norwalk - Trinity Washington Village	To remediate and facilitate the redevelopment of a 0.8 acre parcel to include 80 mixed income rental units including community space. This project is a component of the larger redevelopment of the Washington Village public housing complex.	1,338,555
Shelton - Shelton Economic Development Corp.	To demolish and remediate the 0.9 acre former Chromium Processing parcel to enable mixed use development and parking capacity in the revitalized downtown area.	1,019,470
Stratford	To demolish and remediate the 10.5 acre Contract Plating site which lies within Stratford's Transit Oriented Development District (TOD) for mixed use / TOD development.	2,850,000
Torrington	To remediate a 2 acre site to spur future redevelopment in the area. This site will incorporate a section of the Naugatuck River Greenway and a needed parking lot to encourage pedestrian traffic to the downtown.	1,000,000

Municipality	Description	Amount \$
Vernon	For the remediation and reclamation of the former 10.6 acre Amerbelle Mill property, to be converted to a state of the art facility anticipated for potential use by a large commercial tenant.	2,000,000
Waterford	For the completion of the remediation and rehabilitation of the 28.3 acre former Cohanzie School. The project will create approximately 150 market rate rental units.	525,000
West Haven	To remediate a 5.6 acre former coal and bulk oil terminal site into a waterfront commercial development and a revitalized gateway to West Haven. The sites will be redeveloped as a destination retail center featuring brand name outlet shopping, restaurants, and public pedestrian elements.	2,000,000
TOTAL		26,885,532

Appendix C

DEEP: Earmarked Grants-in-aid

Description	Bond Fund	Authorized Amount \$	Unallocated 12/1/14 \$
Storm-damaged home buy-out program - Buy-out program for homeowners and businesses that receive Federal Emergency Management Agency funding related to property damage due to weather events in 2011 and subsequent years. PA 12-189, Sec. 39	12052(13)PA 12-189 39	1,000,000	1,000,000
<i>Comment: Status of project on-going. Additional program development is needed, in conjunction with similar Federal programs.</i>			
Study of mitigation for storm-related flooding - Study and assess feasible alternatives to plan, design, acquire and construct, as may be necessary, structural and nonstructural improvements to mitigate flooding conditions that caused property damage due to weather events in 2011, which shall include, but need not be limited to, a cost benefit analysis and an analysis of the environmental impact of such alternatives. PA 12-189, Sec. 9(b)(1)	12052(13)PA 12-189 9(b)(1)	2,000,000	2,000,000
<i>Comment: Status of project on-going. Additional program development is needed, in conjunction with similar Federal programs.</i>			
Funding for the Public, Educational and Governmental Programming and Educational Technology Investment Account (PEGPETIA). PA 14-98, Sec. 2(j)	12052(15)PA 14-98 2(j)	3,500,000	3,500,000
<i>Comment: A \$3.5M allocation request has been placed on the January 12, 2015 SPECIAL Bond Commission Meeting agenda.</i>			
Connecticut Institute of Water Resources (UConn) - Grant-in-aid for a study of river basins. PA 07-7, (JSS), Sec. 13(d)(9)	12052(08)PA 07-7 13(d)(9)	500,000	500,000
<i>Comment: Status of project unknown. UConn has not contacted DEEP.</i>			
Branford: Branford High School - Grant-in-aid to Branford, for improvements to the football field at Branford High School. SA 05-1, (JSS), Sec. 32(d)(21)	12052(07)SA 05-1 32(d)(21)	150,000	150,000
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			
Bristol: Rockwell Park - Grant-in-aid to Bristol for rehabilitation and renovation of Rockwell Park. SA 05-1, (JSS), Sec. 32(d)(39)	12052(07)SA 05-1 32(d)(39)	3,000,000	3,000,000
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			

Description	Bond Fund	Authorized Amount \$	Unallocated 12/1/14 \$
Bristol: Indian Rock Nature Preserve - Grant-in-aid to Environmental Learning Center, Inc. for infrastructure projects at Indian Rock Nature Preserve in Bristol. PA 07-7, (JSS), Sec. 13(d)(15)	12052(08)PA 07-7 13(d)(15)	200,000	200,000
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			
Canterbury: recreational facilities - Grant-in-aid to Canterbury for improvements to recreational facilities. SA 05-1, (JSS), Sec. 32(d)(13)	12052(07)SA 05-1 32(d)(13)	250,000	250,000
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			
Chaplin: Garrison Park - Grant-in-aid to Chaplin for replacement of a playscape at Garrison Park. SA 05-1, (JSS), Sec. 32(d)(37)	12052(07)SA 05-1 32(d)(37)	50,000	50,000
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			
Cromwell: parks - Grant-in-aid to Cromwell for improvements to parks and fields at Watrous Park, Cromwell middle and high schools and Pierson Park. SA 05-1, (JSS), Sec. 13(d)(29)	12052(06)SA 05-1 13(d)(29)	350,000	100,000
<i>Comment: Status of project unknown. Contract with DEEP for \$250,000 is Complete.</i>			
Danbury - Grant-in-aid to Danbury for acquisition of the Terre Haute property in Danbury for open space. PA 07-7, (JSS), Sec. 13(d)(30)	12052(08)PA 07-7 13(d)(30)	2,000,000	2,000,000
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			
East Hartford - Grant-in-aid to East Hartford for capping the East Hartford Landfill. SA 05-1, (JSS), Secs. 13(d)(5) & 32(d)(6)	12052(06)SA 05-1 13(d)(5) & 12052(07)SA 05-1 32(d)(6)	1,800,000	1,800,000
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			
East Lyme - Grant-in-aid to East Lyme for the purchase of Oswegatchie Hills for open space. SA 05-1, (JSS), Sec. 13(d)(19)	12052(06)SA 05-1 13(d)(19)	2,000,000	1,800,000
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			
Fairfield - Grant-in-aid to Fairfield for the Rooster River flood control project. PA 07-7, (JSS), Sec. 13(d)(34)	12052(08)PA 07-7 13(d)(34)	14,500,000	14,500,000
<i>Comment: Status of project unknown. In 2012, Applicant inquired about Unallocated Balance.</i>			
Guilford - Grant-in-aid to Guilford for preservation of the East River Preserve. PA 07-7, (JSS), Sec. 32(d)(10)	12052(09)PA 07-7 32(d)(10)	2,000,000	2,000,000
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			

Description	Bond Fund	Authorized Amount \$	Unallocated 12/1/14 \$
Ledyard - Grant-in-aid to Ledyard for a water main extension. SA 05-1, (JSS), Sec. 13(d)(20)	12052(06)SA 05-1 13(d)(20)	1,000,000	1,000,000
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			
Lyme - Grant-in-aid to Lyme for improvements to the Lyme-Old Lyme recreational fields. SA 05-1, (JSS), Sec. 32(d)(18)	12052(07)SA 05-1 32(d)(18)	150,000	150,000
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			
Manchester - Grant-in-aid to Manchester for development and construction of the Manchester to Bolton segment of the East Coast Greenway. PA 07-7, (JSS), Sec. 13(d)(25)	12052(08)PA 07-7 13(d)(25)	500,000	500,000
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			
Mansfield: Grant-in-aid to Mansfield for the wastewater component of the Four Corners project. PA 14-98, Sec. 97	12052(15)PA 14-98 97	3,000,000	3,000,000
<i>Comment: In January 2015, a \$3.0M allocation request was submitted to the State Bond Commission by DEEP, on behalf of the Town of Mansfield.</i>			
Middletown - Grant-in-aid to Middletown for watershed management at Crystal Lake. SA 05-1, (JSS), Sec. 13(d)(25)	12052(06)SA 05-1 13(d)(25)	50,000	50,000
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			
New Britain - Grant-in-aid to New Britain for replacement of the Brooklawn Street Bridge on Willow Brook. PA 07-7, (JSS), Sec. 13(d)(8)	12052(08)PA 07-7 13(d)(8)	300,000	300,000
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			
North Branford - Grant-in-aid to North Branford for development of the Swajchuk Property for active and passive recreation. PA 07-7, (JSS), Sec. 13(d)(11)	12052(08)PA 07-7 13(d)(11)	439,025	439,025
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			
Norwalk - Grant-in-aid to the Norwalk River Rowing Association, Inc., for a boathouse. SA 05-1, (JSS), Sec. 13(d)(14)	12052(06)SA 05-1 13(d)(14)	250,000	250,000
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			
Norwalk - Grant-in-aid to Norwalk for improvements in the flood control system. PA 07-7, (JSS), Sec. 13(d)(33)	12052(08)PA 07-7 13(d)(33)	3,005,000	3,005,000
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			
Norwich and Franklin - Yantic River flood control project. SA 92-3, (MSS), Sec. 2(g)(3)	3921SA 92-3 2(g)(3)	2,700,000	1,200,000
<i>Comment: Status of project unknown. Cost benefit analysis did not support future expenditures.</i>			

Description	Bond Fund	Authorized Amount \$	Unallocated 12/1/14 \$
Old Saybrook and Westbrook - Provide funding to purchase the Preserve in association with The Trust for Public Land. The Preserve is a 928 acre parcel of land located in the towns of Old Saybrook and Westbrook. PA 14-98, Secs. 58, & 59	12052(15)PA 14-98 58	2,000,000	2,000,000
<i>Comment: A \$2.0M allocation request has been placed on the January 12, 2015 SPECIAL Bond Commission Meeting agenda.</i>			
Portland - Grant-in-aid to Portland for replacement of water mains. PA 07-7, (JSS), Sec. 13(d)(40)	12052(08)PA 07-7 13(d)(40)	1,000,000	1,000,000
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			
Preston - Grant-in-aid to Preston for demolition of the former Poquetanuck School. PA 07-7, (JSS), Sec. 13(d)(37)	12052(08)PA 07-7 13(d)(37)	250,000	87,500
<i>Comment: Status of project unknown. Contract with DEEP for \$162,500 is Complete.</i>			
Putnam - Grant-in-aid to Putnam for improvements to Murphy Park. SA 05-1, (JSS), Sec. 13(d)(16)	12052(06)SA 05-1 13(d)(16)	250,000	250,000
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			
Rocky Hill - Grant-in-aid to Rocky Hill for improvements to Elm Ridge Park skate park. SA 05-1, (JSS), Sec. 13(d)(27)	12052(06)SA 05-1 13(d)(27)	100,000	100,000
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			
Scotland - Grant-in-aid to Scotland for improvements to recreational facilities. SA 05-1, (JSS), Sec. 32(d)(12)	12052(07)SA 05-1 32(d)(12)	250,000	250,000
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			
Simsbury - Grant-in-aid to Simsbury for infrastructure improvement in the Tariffville section. PA 07-7, (JSS), Sec. 13(d)(29)	12052(08)PA 07-7 13(d)(29)	200,000	200,000
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			
Simsbury - Grant-in-aid to Simsbury for open space acquisition and farmland preservation at Meadow Wood. PA 07-7, (JSS), Sec. 32(d)(9)	12052(09)PA 07-7 32(d)(9)	500,000	450,000
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			
South Windsor - Grant-in-aid to South Windsor for purchase or construction of a regional animal shelter. PA 07-7, (JSS), Sec. 13(d)(36)	12052(08)PA 07-7 13(d)(36)	500,000	500,000
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			

Description	Bond Fund	Authorized Amount \$	Unallocated 12/1/14 \$
Stamford - Grant-in-aid to Stamford for the Holly Pond Tidal Restoration project. SA 05-1, (JSS), Sec. 32(d)(19)	12052(07)SA 05-1 32(d)(19)	500,000	500,000
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			
Thomaston - Grant-in-aid to Thomaston for extension of a water main in the Jackson Street area. PA 07-7, (JSS), Sec. 13(d)(12)	12052(08)PA 07-7 13(d)(12)	1,756,100	1,756,100
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			
Thompson - Grant-in-aid to Thompson for a hydroelectric feasibility study. SA 05-1, (JSS), Sec. 13(d)(18)	12052(06)SA 05-1 13(d)(18)	250,000	250,000
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			
Thompson - Grant-in-aid to Thompson for improvements to recreational facilities. SA 05-1, (JSS), Sec. 32(d)(15)	12052(07)SA 05-1 32(d)(15)	250,000	232,600
<i>Comment: Status of project unknown. Contract with DEEP for \$17,400 is Complete.</i>			
Trumbull - Grant-in-aid to Trumbull for open space and trail development at Great Oak Park. PA 07-7, (JSS), Sec. 13(d)(35)	12052(08)PA 07-7 13(d)(35)	50,000	20,000
<i>Comment: Status of project unknown. Contract with DEEP for \$30,000 is Complete.</i>			
Wallingford - Grant-in-aid to Wallingford for renovations to the baseball field at Sheehan High School. SA 05-1, (JSS), Sec. 32(d)(25)	12052(07)SA 05-1 32(d)(25)	525,000	525,000
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			
Wethersfield - Grant-in-aid for drainage and flood control improvements. SA 88-77, Sec. 23(j)(33)	1873(88)SA 88-77 23(j)(33)	1,750,000	436,907
<i>Comment: Status of project on-going. Applicant has inquired recently about Unallocated Balance.</i>			
Windham - Grant-in-aid to Windham for a feasibility study for a whitewater park in Willimantic. SA 05-1, (JSS), Sec. 13(d)(17)	12052(06)SA 05-1 13(d)(17)	450,000	450,000
<i>Comment: Status of project unknown. Applicant has not contacted DEEP.</i>			
Wolcott - Grant-in-aid to Wolcott for retirement of debt associated with installation of a waterline. PA 07-7, (JSS), Sec. 13(d)(21)	12052(08)PA 07-7 13(d)(21)	500,000	100,000
<i>Comment: Status of project unknown. Contract with DEEP for \$400,000 is Complete.</i>			

Appendix D

Lead by Example Projects to date

Agency	Building Address	Project Name	Project Status	Annual Energy Cost Reduction \$	Estimated or Actual Project Cost \$	Simple Payback (years)
AES	123 Huntington Street, New Haven	Windows	Project in design phase. AES and DCS are working through design issues with the State Historic Preservation Office	31,921	63,550	1.99
AES	123 Huntington Street, New Haven	Windows	Project in design phase. AES and DCS are working through design issues with the State Historic Preservation Office	5,475	36,881	6.74
AES	123 Huntington St, New Haven	Dual Fuel Burners	Completed - 11/21/2012	18,968	46,900	2.47
AES	153 Cook Hill Road, Windsor	Windows	Project in design phase. AES and DCS are working through design issues with the State Historic Preservation Office	4,999	20,300	4.06
AES	153 Cook Hill Road, Windsor	Lighting & Occupancy sensors	Completed - 10/1/2012	3,806	9,123	2.40
AES	123 Huntington Street, New Haven	Windows	Project in design phase. AES and DCS are working through design issues with the State Historic Preservation Office	23,988	83,863	3.50
AES	123 Huntington Street, New Haven	CAES - Exterior Lighting Upgrades	Completed - 9/16/2013	6,400	19,875	3.11
BOR	55 Paul Manafort Drive, New Britain	Charter Oak -Occ. Sensor Install and HVAC Upgrades	Completed - 12/10/2013	21,137	25,309	1.20
CRDA	100 Columbus Boulevard, Hartford	Convention Center Retro-Commissioning Upgrade	Completed - 12/4/2013	61,626	406,701	6.60
CRDA	100 Columbus Blvd., Hartford	LED Lighting	Completed - 12/12/2014	190,508	1,805,827	9.48
DAS	18/20 Trinity Street	Replace VFDs and Pumps - Tie into BMS	Completed - 7/17/2012	28,000	16,243	0.58
DAS	30 Trinity Street	VFD Installation and Tie into BMS	Completed - 7/17/2012	13,800	24,468	1.77
DAS	505 Hudson Street, Hartford	High Efficiency Gas Fired Boilers	Completed - 8/16/2012	11,279	137,100	12.16
DAS	79 Elm Street, Hartford	VAVs/FTUs/VFDs	Project is 95% complete. Estimated completion in January 2015.	131,000	349,750	2.67
DAS	401 West Thames Street, Norwich	Uncas Domestic Hot Water Boiler	Completed - 6/1/2012	2,645	12,850	4.86
DAS	401 West Thames Street, Norwich	Uncas Control Valves	Completed - 6/1/2012	6,701	16,780	2.50
DAS	401 West Thames Street, Norwich,	Uncas TVCCA Windows	Completed - 6/5/2013	9,855	98,978	10.04
DAS	24-38 Wolcott Hill Road, Wethersfield	EMS, RA Conversion, Central Plant Fixture Replace	Design phase complete. In DCS cue for construction bid process.	152,988	915,453	5.98
DAS	110 Sherman Street, Hartford	Digital Electronic Control System	Completed - 3/8/2013	18,039	308,522	17.10
DAS	505 Hudson St., Hartford	Lighting Upgrade - Upper & Lower Garage	Completed - 8/16/2012	5,401	24,058	4.45

Agency	Building Address	Project Name	Project Status	Annual Energy Cost Reduction \$	Estimated or Actual Project Cost \$	Simple Payback (years)
DAS	165 Capitol Avenue, Hartford	SOB - Occupancy Sensors, Basement, Ground, First	Completed - 6/1/2012	14,241	57,427	4.03
DAS	50 & 55 Farmington Avenue, Hartford	Mechanical Renovations 55 Farmington Ave	Construction phase is substantially complete. Expect 100% completion in January 2015.	52,513	609,550	11.61
DAS	50 & 55 Farmington Avenue	DAS 55 Farmington Ave-Light/Cool	Completed - 7/11/2014	34,854	520,532	14.93
DAS*	50 & 55 Farmington Avenue, Hartford	DAS 55 Farmington Ave-Assessment	Completed - 2/7/2014	-	53,267	N/A
DCS*	1000 Silver Street	DCS Juvenile Training School Fuel cell Study	Completed - 9/9/2013	-	21,000	N/A
DDS	67-87 Mountain Rd Newington	Installation of EMS	Completed - 2/26/2013	24,796	79,529	3.21
DDS	146 Silvermine Road Norwalk	Installation of EMS	Completed - 7/15/2013	49,227	86,184	1.75
DDS	195 Alvord Rd Torrington	Installation of EMS	Completed - 4/26/2013	20,214	67,485	3.34
DDS	1450 S Britain Rd Southbury	Lighting at Power House	Completed - 7/16/2013	8,707	13,811	1.59
DDS	71 Mountain Road, Newington	Interior/Exterior Lighting Retrofit	Completed - 5/29/2013	18,033	55,305	3.07
DDS	67-87 Mountain Rd Newington	DDS HRC Mechanical Systems Energy Upgrades	Project in design. Expect design completion and construction bid in first quarter of 2015.	51,276	569,000	11.10
Deep	141 Trout Hatchery Road, Central Village, (Plainfield)	Quinnebaug Valley Trout Hatchery Phase I	In design phase. Estimated design completion in October 2015.	72,167	304,780	4.22
DEEP	422 Watertown Road, Thomaston	Thomaston Garage - Lighting and HVAC Upgrade	Completed - 3/4/2014	4,240	32,097	7.57
DEEP	141 Trout Hatchery Road, Central Village, (Plainfield)	Quinnebaug Trout Hatchery Phase II	Project in design engineer selection phase. Anticipate design firm to be contracted through DCS first quarter of 2015.	216,502	2,512,479	11.60
DMV	173 Salem Turnpike, Norwich	Lighting upgrade	Completed - 10/18/2012	2,517	12,317	4.89
DMV	150 Torrington Road, Winsted	Lighting and Occupancy Sensors	Completed - 6/26/2013	6,649	30,607	4.60
DMV*	Offices located throughout the state	Install Pulse Initiator Equipment on Utility Meter	Project in construction phase - Anticipated completion by April 2015	-	42,882	N/A
DOC	285 Shaker Road, Enfield	Robinson HVAC Rooftop Replacement	Completed - 1/7/2013	79,397	401,214	5.05
DOC	391 Shaker Road, Enfield	HVAC Rooftop Unit Replacement	Completed - 7/1/2012	22,137	150,690	6.81
DOC*	Located throughout the state	Investment Grade Energy Audit - Districts 1, 2, an	Project in construction phase. Anticipated completion January 2016.	-	361,669	N/A
DOC	59 Hartford Road, Brooklyn	Chiller Replacement	Completed - 11/13/2014	19,196	171,800	8.95
DOC	986 Norwich-New London Turnpike, Uncasville	Chiller Replacement	Project in construction phase. Boiler on order. Anticipated completion first quarter 2015.	9,446	95,300	10.09
DOT	Various locations located throughout state	Energy Efficiency Improvements at DOT Commuter Parking Lots	Completed - 11/5/2013	32,172	345,000	10.72
ECSU	High Street, Willimantic	ECSU - Allerton Building Automation System	Completed - 7/1/2012	76,066	709,818	9.33

Agency	Building Address	Project Name	Project Status	Annual Energy Cost Reduction \$	Estimated or Actual Project Cost \$	Simple Payback (years)
JUD	1 Courthouse Square, Norwich	LED Lighting Retrofit	Completed - 7/1/2012	6,934	15,595	2.25
JUD	1 Court Street, Middletown	Middletown Courthouse Garage Lighting Retrofit	Completed - 12/17/2012	8,550	55,631	6.51
JUD	172 Golden Hill Street, Bridgeport	GA 2 Lighting Retrofit	Project in construction phase - estimated completion May 2015.	86,988	216,600	2.49
JUD	1061 Main Street, Bridgeport	Fairfield JD Lighting Retrofit	Project in construction phase - estimated completion May 2015.	26,343	253,631	9.63
JUD	400 Grand Street, Waterbury	Waterbury Courthouse Garage Lighting Retrofit	Completed - 4/2/2013	14,068	59,972	4.26
JUD	231 Capitol Avenue, Hartford	Supreme Court/State Library Lighting Retrofit	Completed - 8/11/2013	8,876	53,148	5.99
JUD	20 Franklin square, New Britain	New Britain Retro-Commissioning	Project in construction phase. Anticipated completion June 2015.	18,271	97,382	5.33
MHA	1635 Central Avenue, Bridgeport	Control System /Gas Condensing Boilers/Condensers	Project in design phase. Design completion estimated for 1/15/15.	115,495	1,198,737	10.38
MHA	500 Vine Street, Hartford	Hot Water DDC Controls	Completed - 2/14/2013	45,286	131,732	2.91
MHA	1000 Holmes Drive, Middletown	RVS - Dutton Home Attic Insulation	Completed - 1/14/2013	14,215	16,500	1.16
MHA	162 Cedar Lane, Middletown	CVH - Water Treatment Plant - Pump Upgrades	Completed - 10/24/2013	14,635	71,704	4.90
OPM	615 Silver Lane East Hartford	Aggregated Efficiency Measures Project	Completed - 8/18/2014	168,010	280,702	1.67
SDE	600 Orange Avenue, Milford	Platt Tech Lighting	Completed - 10/14/2014	20,716	97,961	4.73
						Average
TOTALS				2,111,273	14,275,571	6.5

* The cost of these studies and assessments is not included in the calculation for average payback, as they will not result in energy reductions in and of themselves. However, they will be used to determine potential energy efficiency measures that will result in energy reductions when implemented.

Appendix E

FY15, FY16, FY17 State Dam Repair Projects

Dam	Town	Risk	Phase	Amount \$
FY 15 Projects				
Glasgo Pond Dam	Voluntown	High	Construction	2,750,000
Springborn Dam	Enfield	High	Removal	1,200,000
Upper/Lower Slater	Griswold	High	Design	300,000
On-call Engineering Services	Statewide	High	Study/Design	250,000
Seymour Reservoirs	Seymour	High	Design	400,000
North Farms Reservoir	Wallingford	High	Design	200,000
Gardner Lake	Salem	Med	Design	200,000
Aldon Mill Pond	Vernon	High	Design	250,000
Stratton & Great Pond Dams	Simsbury	Med	Design	300,000
Bolton Notch	Bolton	Med	Design	150,000
Inspection of High and Significant Hazard Dams	Statewide	High	Investigation	500,000
Minor Dam Repairs and Vegetation Clearing	Statewide	High	Construction	800,000
TOTAL FY 15				7,300,000
FY 16 Projects				
Brewster Pond	Lebanon	Med	Design	200,000
Great Hill Dam	Portland	High	Design	250,000
Gravel Pit Pond	Southbury	High	Design	150,000
Gardner Lake	Salem	Med	Construction	750,000
On-call Engineering Services	Statewide	High	Study/Design	250,000
Upper/Lower Slater	Griswold	High	Construction	2,000,000
North Farms Reservoir	Wallingford	High	Construction	1,250,000
Dobsonville/Talcottville Pond Dams	Vernon	High	Construction	2,000,000
Seymour Reservoir #1	Oxford	High	Construction/Breach	750,000
Bolton Notch	Bolton	Med	Construction/Removal	750,000
TOTAL FY 16				8,350,000
FY17 Projects				
Stratton & Great Pond Dams	Simsbury	Med	Construction	1,250,000
Axelshop Pond	Hamden	Med	Study/Design	250,000
Great Hill Dam	Portland	High	Construction	750,000
Pine Acres Lake	Hampton	High	Study/Design	200,000
CVH Dams	Middletown	High	Construction	1,750,000
Brewster Pond	Lebanon	Med	Construction	750,000
Aldon Mill Pond	Vernon	Med	Construction	1,500,000
On-call Engineering Services	Statewide	High	Study/Design	250,000

Dam	Town	Risk	Phase	Amount \$
Minor Dam Repairs and vegetation clearing	Statewide	High	Construction	800,000
Woodcock Pond Dam	Wilton	Med	Land Acquisition/Permits/Design	300,000
Wildlife Marsh Site #2	Chaplin	Med	Study/Design	150,000
Powers/Gorton/Pattagansett Ponds	East Lyme	Med	Design	125,000
TOTAL FY17				8,075,000

Appendix F

FY15, FY16, FY17 Urban Sites Remediation Projects

Town - Project	Amount \$	Description
FY 15 Projects		
Statewide new Urban Sites Projects	3,500,000	Remedial investigation, design and/or action at sites identified in conjunction with DECD
City of New Haven	950,000	Funding for demolition and abatement of several properties.
Waterbury Development Corp, 835 Main Street, Waterbury	2,600,000	Funding for demolition, abatement and remediation.
City of Meriden-116 Cook Avenue	1,960,000	Funding for abatement of former factory site and redevelopment for retail and housing.
City of Meriden-11 Crown Street	1,215,240	Funding for abatement, demolition and remediation at site. Reuse of building for approximately 80 units.
TOTAL FY 15	10,225,240	
FY 16 Projects		
Statewide new Urban Sites Projects	3,500,000	Remedial investigation, design and/or action at sites identified in conjunction with DECD. This allocation is essential to provide necessary funding to help spur projects like the Conco site in Bridgeport, and the 424 Grand Avenue project in New Haven.
Waterbury-Waterbury Industrial Commons, 1875 Thomaston Ave.	1,000,000	Funding for site investigation and remediation activities
TOTAL FY 16	4,500,000	
FY 17 Projects		
Statewide new Urban Sites Projects	4,100,000	Remedial investigation, design and/or action at sites identified in conjunction with DECD. This allocation is essential to provide necessary funding to help spur projects like the Conco site in Bridgeport, and the 424 Grand Avenue project in New Haven.
TOTAL FY 17	4,100,000	

Appendix G

FY15, FY16, FY17 State Superfund Project List

Town - Project	Amount \$	Description
FY 15		
Canton - John Swift Chemical Co. 51 Albany Avenue	5,000,000	FS, Design & Remedial Action onsite & nearby offsite
TOTAL FY 15	5,000,000	
FY 16		
Durham - Durham Meadows (Federal NPL)	4,000,000	NPL Site Remedial Action- 10% State cost share for Durham Meadows Federal Superfund site
Haddam - Higganum Cove	1,500,000	Remedial Design & Remedial Action
Haddam - Tylerville Section	5,000,000	Investigation, Remediation & Extension of Public Water
Stratford - Raymark (Federal NPL)	2,000,000	NPL Site Remedial Action- 10% State cost share for Raymark Federal Superfund site
Future SPL sites (2 @ \$5.0M)	10,000,000	Estimate for investigation & remediation
TOTAL FY 16	22,500,000	
FY 17		
Stratford - Raymark (Federal NPL)	2,000,000	NPL Site Remedial Action- 10% State cost share for Raymark Federal Superfund site
Canterbury - Yaworski Landfill	2,000,000	Initial landfill maintenance & monitoring following closure
Future SPL sites (2 @ \$5.0M)	10,000,000	Estimate for investigation & remediation
TOTAL FY 17	14,000,000	

Appendix H

FY 15 Flood Control Projects

Project	Funding	Town	Priority	Phase	Amount \$
Emergency Watershed Protection Contracts	Match funds for federal programs	Statewide	High	Design/Construction	250,000
NRCS Flood Control Projects in Stafford	State-owned	Stafford	High	Construction	300,000
Lake Bungee Dam	Municipal cost-share	Woodstock	Med	Design	150,000
Municipal Levee Repairs	Municipal cost-share	Statewide	High	Design/Construction	2,000,000
Steele Brook Flood Control	Municipal cost-share	Watertown	Med	Study/Design	250,000
Pequabuck River Flood Study	Municipal cost-share	Bristol/Plainville	High	Study/Design	250,000
Weepawaug River Flood Control Study	Municipal cost-share	Orange	Med	Study	65,000
Shunock River Dam (aka Lewis Pond Dam)	Municipal cost-share	North Stonington	High	Design/Construction	250,000
Lee Brook Pond & Long Pond Dams	Municipal cost-share	Ledyard	Med	Construction	500,000
East Pond Dam	Municipal cost-share	Greenwich	Med	Construction	180,125
Meriden Flood Control Project (earmark)	Municipal cost-share	Meriden	(earmark)	Construction	900,000
Hanover Pond Dam Rehabilitation (earmark)	Municipal cost-share	Meriden	(earmark)	Construction	500,000
Emergency Operation Plans for state dams	State-owned	Statewide	High	N/A	250,000
TOTAL FY 15					5,845,125

Appendix I

FY15, FY16, FY17 Potable Water Projects

Town - Project	Amount \$	Description
FY 15		
New Fairfield - Rte 37 & Rte 39 intersection	1,600,000	Water main extension
Durham – Properties in area of Durham Center	50,000	Engineering study
Torrington – East Main Street	300,000	Study of water supply alternatives
Naugatuck – Karo Manufacturing (David St. Area)	100,000	Continued monitoring until water main extension & lateral connections are constructed
Cheshire/Waterbury – WD Stanley	280,000	Water main extension
Wolcott – Munson Road	85,000	Water main extension
Orange – Beechlawn terrace	250,000	Water main extension & individual lateral connections
Future Potable Water projects	465,000	Unanticipated projects requiring the extension of public water
TOTAL FY 15	3,130,000	
FY 16		
Durham - Properties in area of Durham Center	625,000	Project Design
East Hampton - Summit St. area	15,000	Study of water supply alternatives
Future Potable Water projects	124,000	Unanticipated projects, requiring maintenance & monitoring of filter systems as the long term solution
Future Potable Water projects	700,000	Unanticipated projects requiring the extension of public water
TOTAL FY 16	1,464,000	
FY 17		
East Hampton – Summit St. area	80,000	Maintenance & monitoring of filter systems, extension of public water
Future Potable Water projects	20,000	Unanticipated projects requiring maintenance & monitoring of filter systems as the long term solution
Future Potable Water projects	1,000,000	Unanticipated projects requiring the extension of public water
TOTAL FY 17	1,100,000	

Appendix J

FY 16 and FY 17 Clean Water Fund Projects

Category	Project Name	FY 15			FY 16			FY 17		
		GO Bonds \$	Revenue Bonds \$	Total \$	GO Bonds \$	Revenue Bonds \$	Total \$	GO Bonds \$	Revenue Bonds \$	Total \$
Design:										
MDC	North Tunnel				15.0	15.0	30.0			
Construction Projects										
MDC	SHCT; Solids Handling, Pump Station Improvements	182.0	210.7	392.7	12.0	16.3	28.3	25.0	13.8	38.8
CWF Reserves	Planning; I/I; FOG; Pump Stations; Green, Etc.	8.0	42.0	50.0	18.0	0.0	18.0	0.0	22.0	22.0
Norwich	WPCF*	28.0	8.0	36.0						
Bridgeport	CSO							10.0	10.0	20.0
Danbury	WPCF							17.5	52.5	70.0
Meriden	WPCF							7.5	7.5	15.0
Southington	WPCF							10.0	10.0	20.0
Torrington	WPCF							12.5	39.5	52.0
Waterbury	WPCF							7.4	24.8	32.2
TOTAL		218.0	260.7	478.7	45.0	31.3	76.3	90.0	180.0	270.0

*Norwich - Balance to be paid from remaining FY 14 funding