DATA HANDBOOK FOR THE NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

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Of Alabama
In Huntsville

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ABSTRACT

This preliminary document provides information in a matrix format which lists technical and programmatic data concerning the various project sites selected for the National Solar Energy Demonstration Program. It incorporates into one handbook the commercial, residential and other demonstration projects which are now a part of the national program. It can be used as a reference source for technical and research purposes on a state-by-state basis.

FOREWORD

This report presents work performed by the Kenneth E. Johnson Environmental and Energy Center, The University of Alabama in Huntsville, under DOE Contract EM-78-S-01-5216. The material incorporated herein is related to the assessment and development of visual and graphic materials and an information system to provide these materials in a catalog format. The matrix format was developed to allow a quick and simple method to review the various types of programs, projects and types of systems employed in the National Solar Energy Demonstration Program.

Mr. William Corcoran is the DOE contract monitor on this program. Mr. David L. Christensen is the UAH principal investigator on the contract. The supporting efforts of Mr. Carl Conner of DOE, Mr. Myron Myers of the NASA-Marshall Space Flight Center, and Mr. John Crane of PRC/Energy Analysis Co. to develop these materials are appreciated. The key support of Ms. Opal Tabor, Mr. Arvind M. Patel and Mr. Ralph T. Rich of the UAH Johnson Environmental and Energy Center was instrumental in the development of these materials and their efforts are sincerely appreciated.

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INTRODUCTION

There is a continuing need to develop improved materials to aid in the communication and dissemination of information related to the applications of solar energy. As the National Solar Energy Demonstration Program expands in size and scope, this need becomes more apparent.

The Johnson Environmental and Energy Center of The University of Alabama in Huntsville is supporting a number of activities under the National Demonstration Program through contracts with the U. S. Department of Energy and the NASA Marshall Space Flight Center. These activities include the coordination of contractor reviews and the development of data bases and educational materials pertaining to the solar heating and cooling of buildings.

One of the current UAH research activities is to provide visual and graphic materials which can provide a record of progress being made in utilizing solar energy with emphasis on the commercial building program. A matrix format was developed which consolidated the various commercial, residential, test, agricultural and industrial process heat projects, and all instrumented sites, into a single working document to aid in the assessment of visual materials and other programmatic activities.

This preliminary document is being distributed on a limited basis for information purposes. Any comments, recommended changes, corrections or suggestions would be appreciated. It is expected that updated and improved versions of this document will be prepared for broader distribution in the future.

Reference materials for developing this document include:

- Solar Heating and Cooling Demonstration Project Summaries, DOE/CS-0038-2, dated January 1979, U. S. Department of Energy.
- Key Personnel Directory, DOE/CS-0057, dated January 1979, U. S. Department of Energy.
- Project Data - Solar Heating and Cooling Commercial Demonstration Program, dated March 1979, U. S. Department of Energy.
- Solar Energy for Agricultural and Industrial Process Heat, DOE/CS-0053, dated September 1978, U. S. Department of Energy.
- Discussions with and materials from DOE, NASA-MSFC, IBM Corporation and PRC/Energy Analysis Company including project computer printouts.

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

			P R O G R A M S														
S Y S T E M			T Y P E				C O M M E R C I A L			R E S I D E N T		O T H E R					
			H O T	H E A T I N G	C O O L I N G	N S F	P O N	C Y C L E	H O T	F E D E R A L	H U D / R F G A	F E D E R A L	T E S T	D E V	A G R I C U L T U R A L	I N D U S T R I A L	I N S T R U M E N T E D
C O D E S T A T E - C I T Y A P P L I C A T I O N - N / R			W A T E R							B L D G.		B L D G.	B L D G.	- N A S A		H E A T	S D A S
	<u>ALABAMA</u>																
	•AUBURN	BROILER HOUSES														X	
	•DECATUR	SOYBEAN DRYING															X
	•FAIRFAX	TEXTILE DRYING															X
	•HUNTSVILLE	CROP DRYING														X	
		HOUSE(N)		X	X								X				X
		SR, CITIZENS(R)		X	X				x-2								
		INDUST. BLDG, (R)			X						X						
		LABORATORY (R)			X						X						
		LABORATORY (R)			X						X						
		HIGH RISE OFFICE (R)		X							X						
		COMMERCIAL (N)		X	X										X		X
	•LISTER HILL	INDUST. BLDG,(N)		X	X				x-2								
	•MADISON	HOUSE (N)		X								X					
	•MOBILE	HOUSE (N)		X	X							X					
		INN (N)		X						X							

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE STATE - CITY APPLICATION-N/R			SYSTEM		PROGRAMS											
			TYPE	COMMERCIAL					RESIDENT.	OTHER						
				HOT WATER	HEATING	COOLING	NSF	PONCYCLE	HOT WATER INITIATIVE	FEDERAL BLDG.	HUD / RFGA	FEDERAL BLDG.	TEST SITES - NASA	DEV-OPERATIONAL	AGRICULTURAL	INDUSTRIAL PROCESS HEAT
	ALABAMA															
	• MONTEVALLO	OFFICE BLDG. (N)	X	X	X		x-1								X	
	• MUSCLE SHOALS	COMMERCIAL (N)	X	X	X								X		X	

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

			S Y S T E M		P R O G R A M S										
			T Y P E		C O M M E R C I A L			R E S I D E N T		O T H E R					
			H O T W A T E R	H E A T I N G	C O O L I N G	N S F	P O N T C Y C L E	H O T W A T E R I N I T I A T I V E	F E D E R A L B L D G.	H U D / R F G A	F E D E R A L B L D G.	D E V - O P E R A T I O N A L T E S T S I T E S - N A S A	A G R I C U L T U R A L P R O C E S S H E A T	I N S T R U M E N T E D S I T E S - S D A S	
CODE	STATE - CITY	APPLICATION-N/R													
	<u>ARIZONA</u>														
	•PHOENIX	MULTI-FAMILY(R)	X	X							X				
	•PRESCOTT	HOUSE(N)		X							X			X	
	•SCOTTSDALE	OFFICE BUILDING (R)		X	X	X	X							X	
	•TEMPE	SCHOOL(N)	X	X				x-1							
		SCHOOL(R)		X				x-3							
		HOUSE	X										X		
	•TUCSON	HOUSE(N)		X	X	X					X			X	
		HOUSE(N)	X	X	X	X							X		
		DAIRY		X	X	X								X	
		FOOD PROCESSING												X	
	•YAVAPAI	HOUSE(N)	X	X							X				

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

C O D E	S T A T E - C I T Y	A P P L I C A T I O N - N / R	S Y S T E M		P R O G R A M S												
			T Y P E		C O M M E R C I A L			RESIDENT.	O T H E R								
					H O T W A T E R	H E A T I N G	C O O L I N G	N S F	P O N : C Y C L E	H O T W A T E R	F E D E R A L B L D G.	H U D / R F G A	F E D E R A L B L D G.	T E S T S I T E S - N A S A	A G R I C U L T U R A L	I N D U S T R I A L P R O C E S S H E A T	I N S T R U M E N T E D S I T E S - S D A S
	ARKANSAS																
	•FAIRFIELD BAY	HOUSE (N)	X	X								X					
	•LITTLE ROCK	HOUSE (N)	X	X								X					
		RESTAURANT (N)	X	X					x-3								
																</	

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

			S Y S T E M		P R O G R A M S										
			T Y P E			C O M M E R C I A L			R E S I D E N T		O T H E R				
			H O T W A T E R	H E A T I N G	C O O L I N G	N S F	P O N T C Y C L E	H O T W A T E R I N I T I A T I V E	F E D E R A L B L D G.	H U D / R F G A	F E D E R A L B L D G.	D E V - O P E R A T I O N A L T E S T S I T E S - N A S A	A G R I C U L T U R A L P R O C E S S H E A T	I N D U S T R I A L S I T E S - S D A S	I N S T R U M E N T E D
C O D E	S T A T E - C I T Y	A P P L I C A T I O N - N / R													
	<u>CALIFORNIA</u>														
	•ADIN	OFFICE BLDG. (N)		X						X					
	•ARCATA	(R)		X							X				
	•BERKELEY	SCHOOL (R)		X				X-3							
		OFFICE BLDG. (R)	X	X						X					X
	•BRENTWOOD	GREENHOUSE											X		
	•BODEGA BAY	HOUSE (N)		X							X				
	•BORREGO SPRINGS	HOUSE (R)	X								X				
	•CAMARILLO	HOUSE (N)	X								X				
	•CERRITOS	OFFICE BLDG. (N)		X				X-2							
	•DAVIS	LABORATORY (N)	X	X						X					
		APARTMENT (R)	X								X				
		HOUSES (5/N)	X	X							X				
		HOUSE (N)	X	X							X				X
		HOUSE (N)		X		X					X				
	•DONNER	HOUSE (R)	X	X							X				
	•EDWARDS	CAFETERIA (R)	X							X					

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS										
			TYPE		COMMERCIAL			RESIDENT.		OTHER					
			HOT WATER	HEATING	COOLING	NSF	PON:CYCLE	HOT WATER INITIATIVE	FEDERAL BLDG.	HUD / R F G A	FEDERAL BLDG.	TEST SITES - NASA	AGRI CULTURAL	INDUSTRIAL PROCESS HEAT	INSTRUMENTED SITES - S D A S
	CALIFORNIA														
	•EL TORO	LIBRARY(N)		X	X			X-2							X
		APARTMENTS(R)	X				X								
	•ENCINITAS	HOUSE	X										X		
	•ESCONDIDO	HOUSE(N)	X	X							X				X
		HOUSE(N)		X	X						X				
	•FRESNO	DRYING													X
		INDUST. BLDG. (R)	X					X-1							X
		OFFICES(R)	X	X	X				X						
	•FT. BAGG	APARTMENTS(3/N)	X	X							X				
	•GILROY	DEHYDRATION													X
	•GLEN DORA	AUDITORIUM	X	X				X-3							
	•HEMET	HOUSES(3/N)	X	X							X				
	•IRVINE	SCHOOL(R)		X	X			X-1							
	•KINGS BEACH	AUDITORIUM(R)	X	X				X-3							
	•LA CANADA	AUDITORIUM(N)	X	X	X			X-3							
	•LIVERMORE	CAFETERIA(R)	X							X					

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

S Y S T E M T Y P E			P R O G R A M S													
			C O M M E R C I A L					R E S I D E N T		O T H E R						
			H O T W A T E R	H E A T I N G	C O O L I N G	P O N : C Y C L E	I N I T I A T I V E	H O T W A T E R	F E D E R A L B L D G.	H U D / R F C A	F E D E R A L B L D G.	T E S T S I T E S - N A S A	A G R I C U L T U R A L	I N D U S T R I A L P R O C E S S H E A T	I N S T R U M E N T E D S I T E S - S D A S	
C O D E	S T A T E - C I T Y	A P P L I C A T I O N - N / R														
	<u>CALIFORNIA</u>															
	• LOMPOC	AUDITORIUM(R)	X	X				x-3								
	• LONG BEACH	FIRE STATION(N)	X	X				x-2								
	• LOS ANGELES	POLICE STATION (R)	X	X				x-2								
		APARTMENTS(3/N)	X	X							X					X
		APARTMENTS(3/N)	X	X							X					
	• MANCHESTER	HOUSE(N)			X						X					
		HOUSE(N)	X								X					
	• MILL VALLEY	LABORATORY(N)	X					x-1								X
	• MISSION VIEJO	HOUSE(2/N)	X								X					X
		HOUSE(3/N)	X								X					
	• MOFFETT FIELD	LABORATORY(R)	X							X						
	• MONTEREY	HOUSES(2/N)	X	X							X					X
	• MOUNT VIEW		X	X		X										X
	• MURPHYS	HOUSES(5/N)	X	X							X					
	• NOVATO	HOUSE	X	X										X		
	• OAKLAND	MULTI-FAMILY (2/R)	X								X					

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

SYSTEM TYPE			PROGRAMS													
			COMMERCIAL			RESIDENT	OTHER									
			HOT WATER	HEATING	COOLING	NSF	PONCYCLE	HOT WATER INITIATIVE	FEDERAL WATER	H C U D / R F G A	FEDERAL BLDG.	TEST SITES - NASA	DEV-OPERATIONAL	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	INSTRUMENTED SITES - S D A S
CODE	STATE - CITY	APPLICATION-N/R														
	CALIFORNIA															
	●ORANGE	AUDITORIUM(R)	X	X	X			X-2								
	●PALO ALTO	APARTMENTS(R)	X								X					
		OFFICES(N)	X	X				X-3								
	●PASADENA	LAUNDRY													X	
	●PRAIRIE CREEK	HOUSE(R)	X	X							X					
	●SACRAMENTO	OFFICES(N)	X	X	X			X-3								
		HOUSE	X	X	X								X			
		WASHING CANS													X	
	●SAN BERNADINO	HOUSE(R)	X	X							X					
	●SAN DIEGO	APARTMENT(N)	X								X					X
		SCHOOL(N)	X	X	X			X-2								
		HOSPITAL(R)	X	X	X					X						X
	●SAN FRANCISCO	OFFICES(N)	X	X				X-1								X
	●SAN JOSE	SCHOOL(R)	X	X				X-2								X
		AUDITORIUM(R)	X	X						X						
	●SAN RAMON	CHURCH(N)		X				X-3								
	●SANTA CLARA	HOUSE(N)	X	X							X					

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

S Y S T E M T Y P E			P R O G R A M S												
			C O M M E R C I A L			R E S I D E N T		O T H E R							
			H O T W A T E R	H E A T I N G	C O O L I N G	N S F	P O N : C Y C L E	H O T W A T E R I N I T I A T I V E	F E D E R A L B L D G.	H U D / R F G A	F E D E R A L B L D G.	T E S T S I T E S - N A S A	A G R I C U L T U R A L	I N D U S T R I A L P R O C E S S H E A T	I N S T R U M E N T E D S I T E S - S D A S
C O D E	S T A T E - C I T Y	A P P L I C A T I O N - N / R													
	CALIFORNIA														
	•SANTA CLARA	INDUST. BLDG. (N)	X	X				x-2							X
		AUDITORIUM(N)	X	X			X								
	•SANTA MONICA	HOUSE(R)	X								X				
		MULTI-FAMILY(R)	X	X							X				
	•SANTA ROSA	APARTMENTS(2/N)	X	X							X				X
		HOUSE(N)	X	X							X				
	•SARATOGA	LIBRARY(N)		X				x-2							
	•SATICOY	APARTMENTS(7/N)	X	X							X				
	•SELMA	HOUSES(N)		X		X					X				
	•SONOMA	HOUSE(R)	X	X							X				
	•SONORA	HOUSES(2/N)		X							X				
	•SOUTH LAKE TAHOE	FIRE STATION(R)	X	X				x-1							X
	•STANDFORD	CAFETERIA(R)	X	X				x-2							
	•RAMONA	HOUSE(N)	X	X							X				
	•TRABUCO CAN- YON	HOUSE(2/N)	X	X							X				

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

SYSTEM TYPE			PROGRAMS													
			COMMERCIAL			RESIDENT	OTHER									
			HOT WATER	HEATING	COOLING	NSF	PONCYCLE	HOT WATER INITIATIVE	FEDERAL BLDG.	HUD / R F C A	FEDERAL BLDG.	TEST SITES - NASA	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	INSTRUMENTED SITES - S D A S	
CODE	STATE - CITY	APPLICATION-N/R														
	CALIFORNIA															
	●UPLAND	APARTMENTS (N)	X				X									
	●WESTLAKE VIL-LAGE	SHOPPING MALL (N)				X		X-3								
	●YOSEMITE	COMMERCIAL	X	X							X					

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS															
			TYPE		COMMERCIAL			RESIDENT		OTHER										
					HOT WATER	HEATING	COOLING	NSF	PON:CYCLE	HOT WATER INITIATIVE	FEDERAL BLDG.	HUD / R F G A	FEDERAL	TEST SITES - BLDG.	DEV-OPERATIONAL			AGRICULTURAL	INDUSTRIAL PROCESS HEAT	SITES - S D A S
	<u>COLORADO</u>																			
	•ARVADO	HOMES	X	X																X
	•AURORA	HOUSE (N)	X	X	X								X							
		HOUSE (6/N)	X	X									X							
		SCHOOL (N)	X	X					x-2											X
	•BOULDER	APARTMENTS (N)	X	X									X							
		HIGH RISE (R)	X	X									X							
		HOUSES (15/N)	X	X									X							X
		HOUSES (2/R)	X	X									X							
		MULTI-FAMILY (N)	X	X									X							
		OFFICES (N)		X					x-3											
		POST OFFICE (R)	X	X	X						X									X
		HOUSES (7/N)	X	X									X							
	•CANON CITY	HOUSE (N)	X	X									X							
	•CARBONDALE	APARTMENT (N)		X									X							
	•COLORADO SPRINGS	MULTI-FAMILY (R)	X	X	X								X							
	•DENVER	HOUSE (R)	X										X							
		HOUSES (2/N)	X	X									X							X

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

SYSTEM TYPE			PROGRAMS													
			COMMERCIAL			RESIDENT	OTHER									
			HOT WATER	HEATING	COOLING	NSF	PON:CYCLE	HOT WATER INITIATIVE	FEDERAL BLDG.	HUD / R F G A	FEDERAL BLDG.	TEST SITES - NASA	DEV-OPERATIONAL	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	INSTRUMENTED SITES - S D A S
CODE	STATE - CITY	APPLICATION-N/R														
	COLORADO															
	•DENVER	HOUSES (N)	X	X								X				
		APARTMENTS (R)	X									X				
		WAREHOUSE (R)	X	X				X-3								
		OFFICES (R)		X						X						
	•EVERGREEN	HOUSE (N)	X	X								X				
	•FORT COLLINS	HOUSE (5/N)	X	X								X				
		GREENHOUSE		X											X	
	•FT. LUPTON	HOUSE (N)	X	X								X				
	•GRANADA	HOUSE (R)	X									X				
	•GRANBY	HOUSE (N)	X	X								X				
	•GRAND JUNCTION	CAFETERIA (N)	X							X						
	•GREELEY	HOUSE (N)	X	X								X				
	•LAKEWOOD	SCHOOL (R)	X	X				X-2								X
	•LITTLETON	OFFICES (N)	X	X				X-2								
	•LONGMONT	HOUSE (N)	X	X								X				X
		MULTI-FAMILY (N)	X	X								X				

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS											
			TYPE		COMMERCIAL			RESIDENT		OTHER						
			HOT WATER	HEATING	COOLING	NSF	PON:CYCLE	HOT WATER INITIATIVE	FEDERAL WATER	HUD / RFGA	FEDERAL BLDG.	TEST SITES - NASA	DEV-OPERATIONAL	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	INSTRUMENTED SITES - S D A S
	<u>COLORADO</u>															
	•PUEBLO	HOUSE (R)			X							X				
		BUILDING (DOT)	X	X									X			
	•RIFLE	APARTMENT (N)	X	X								X				
	•SALIDA	HOUSE (N)	X	X								X				
	•SAN LUIS	AUDITORIUM (R)			X			X-3								
	•SILVERTHRONE	HOUSES (5/N)	X	X								X				
	•TELLURIDE	SCHOOL (R)			X			X-3								
	•TRINIDAD	HOUSE (N)	X	X								X				
	•VAIL	OFFICE (N)			X			X-3								
	•WESTMINSTER	HOUSES (3/N)			X							X				

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

SYSTEM TYPE			P R O G R A M S														
			COMMERCIAL			RESIDENT.		O T H E R									
								HOT WATER	HEATING	COOLING	NSF	PON-CYCLE	HOT WATER INITIATIVE	FEDERAL BLDG.	HUD / R F G A	FEDERAL BLDG.	TEST SITES - NASA
CODE	STATE - CITY	APPLICATION-N/R															
	CONNECTICUT																
	•BRANFORD	OFFICES (N)	X	X				X-2									
	•BRIDGEPORT	HOUSE (R)	X	X							X						
	•CHESHIRE	APARTMENT (N)	X	X							X						
		HOUSES (3/N)	X	X							X						
	•DANBURY	HOSPITAL (N)	X	X				X-2			X						
	•GLASTONBURY	HOUSES (2/N)	X	X							X						
	•HAMDEN	APARTMENTS (2/R)	X	X							X						
		APARTMENT (N)	X	X			X									X	
	•NEW HAVEN	AUDITORIUM (R)	X	X				X-2									
		APARTMENT (N)	X	X							X						
	•NEW MILFORD	APARTMENT (4/R)	X								X						
	•NORTH HAVEN	OFFICE (R)						X-3									
	•OLD SAYBROOK	HOUSES (4/N)	X	X							X					X	
	•SHELTON	HOUSES (2/N)	X	X							X						
	•STAMFORD	OFFICE (R)		X				X-3								X	
	•TOLLAND	HOUSE (N)	X	X							X						
	•UNIONVILLE	HOUSE (N)	X	X							X						

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

C O D E	S T A T E - C I T Y	A P P L I C A T I O N - N / R	S Y S T E M		P R O G R A M S											
			T Y P E		C O M M E R C I A L				R E S I D E N T.		O T H E R					
			H O T W A T E R	H E A T I N G	C O O L I N G	N S F	P O N - C Y C L E	H O T W A T E R I N I T I A T I V E	F E D E R A L B L D G.	H U D / R F C A	F E D E R A L B L D G.	D E V - O P E R A T I O N A L T E S T S I T E S - N A S A	A G R I C U L T U R A L	I N D U S T R I A L P R O C E S S H E A T	S I T E S - S D A S	I N S T R U M E N T E D
	CONNECTICUT															
	•WEST HAVEN	MULTI-FAMILY (R)	X	X								X				

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM TYPE		PROGRAMS													
			HOT WATER	HEATING	COOLING	NSF	POND-CYCLE	HOT WATER INITIATIVE	FEDERAL WATER	RESIDENT.	OTHER							
										HUD / R F C A	FEDERAL BLDG.	TEST SITES - NASA	DEV-OPERATIONAL	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	SITES - S D A S	INSTRUMENTED	
	DELAWARE																	
	•BEAR	HOUSE(N)	X									X						
	•NEW CASTLE	AUDITORIUM(N)	X	X				X-3										
	•WILMINGTON	MULTI-FAMILY(N)	X									X						

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

			S Y S T E M		P R O G R A M S											
			T Y P E		C O M M E R C I A L				R E S I D E N T		O T H E R					
			H O T W A T E R	H E A T I N G	C O O L I N G	N S F	P O N I C Y C L E	H O T W A T E R I N I T I A T I V E	F E D E R A L B L D G.	H U D / R F G A	F E D E R A L B L D G.	D E N O P E R A T I O N A L T E S T S I T E S - N A S A	A G R I C U L T U R A L P R O C E S S H E A T	I N D U S T R I A L S I T E S - S D A S	I N S T R U M E N T E D	
C O D E	S T A T E - C I T Y	A P P L I C A T I O N - N / R														
	<u>DISTRICT OF COLUMBIA</u>															
	•BOLLING AFB	STORE (N)	X	X	X					X					X	
		APARTMENT (N)		X	X							X				
	•WASHINGTON	CAFETERIA (R)	X				X								X	
		MULTI-FAMILY (N)	X								X				X	
		APARTMENT (R)	X	X							X				X	
		APARTMENT (R)	X								X					
		COMMERCIAL	X	X	X								X			

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS											
			TYPE			COMMERCIAL			RESIDENT.		OTHER					
			HOT WATER	HEATING	COOLING	NSF	PON-CYCLE	HOT WATER INITIATIVE	FEDERAL WATER	HUD / R F C A	FEDERAL BLDG.	TEST SITES - NASA	DEV-OPERATIONAL	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	INSTRUMENTED SITES - S D A S
	FLORIDA															
	•BRADENTON	PASTEURIZING														X
	•BRANDON	GYMNASIUM(R)	X	X	X			X-2								
	•CAPE CANAVERAL	OFFICE(R)	X	X				X-2								
		CAFETERIA(R)	X						X							
	•CLERMONT	HOTEL/MOTEL(R)	X						X							
	•CORAL GABLES	SCHOOL(N)	X			X	X									
	•DAYTONA BEACH	MULTI-FAMILY(R)	X									X				
	•GAINESVILLE	FOOD PROCESSING													X	
		APARTMENT(N)	X	X								X				X
		APARTMENT(R)	X									X				
		GRAIN DRYING													X	
	•GREटना	HOUSES(N)	X	X								X				
	•HALLANDALE	HOTEL/MOTEL(R)	X						X							
	•HIALEAH	HOUSE(R)	X									X				
	•JACKSONVILLE	VISITOR CENTER		X	X											X
	•KEY WEST	HOTEL/MOTEL(R)	X						X							

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS														
			TYPE		COMMERCIAL	RESIDENT.	OTHER												
							HOT WATER	HEATING	COOLING	NSF	PON-CYCLE	HOT WATER INITIATIVE	FEDERAL WATER	HUD / R F C A			FEDERAL BLDG.	TEST SITES - NASA	DEV- OPERATIONAL
	FLORIDA																		
	●KISSIMMEE	APARTMENT (R)	X									X							
	●LAKE ALFRED	FOOD PROCESSING														X			
	●LAKE BUENA VISTA	OFFICE (N)	X	X	X			x-1										X	
	●LOKAHATCHEE	HOUSE	X												X				
	●MIAMI	MULTI-FAMILY (2/R)	X									X							
		HOUSES (2/N)	X									X							
		SCHOOL	X	X														X	
	●ST. PETERS-BURG	APARTMENT (R)	X									X							
	●WINTER HAVEN	FOOD PROCESSING														X			
	●WINTER SPRINGS	HOUSE (N)	X	X	X							X						X	
	●YULEE	AUDITORIUM (R)		X	X			x-1											

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS												
			TYPE		COMMERCIAL			RESIDENT.		OTHER							
			HOT WATER	HEATING	COOLING	NSF	PON-CYCLE	HOT WATER INITIATIVE	FEDERAL WATER	HUD / R F G A	FEDERAL BLDG.	TEST SITES - NASA	DEV-OPERATIONAL BLDG.	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	SITES - S D A S	INSTRUMENTED
	GEORGIA																
	•ATHENS	POULTRY			X											X	
	•ATLANTA	CROP DRYING														X	
		OFFICE	X	X	X			x-3								X	
	•BYRON	GREENHOUSE			X											X	
	•COLLEGE PARK	HOTEL/MOTEL	X						X								
	•DACULA	HOUSE(N)	X	X							X						
	•DALTON	HOUSE(N)	X								X						
		OFFICE(N)	X	X	X			x-2									
	•DECATUR	APARTMENTS(2/R)			X						X						
	•LAWRENCE-VILLE	HOUSE (N)	X	X							X						
	•LITHONIA	HOUSE(N)	X	X							X						
	•MACON	MULTI-FAMILY(R)	X								X						
		OFFICE	X	X	X										X		
		HOUSE	X												X		
	•MARIETTA	HOUSE(3/N)	X								X						X
	•NEWMAN	HOUSE	X	X	X										X		
		HOUSE	X	X											X		

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

C O D E	S T A T E - C I T Y	A P P L I C A T I O N - N / R	S Y S T E M		P R O G R A M S										
			T Y P E			C O M M E R C I A L			R E S I D E N T.		O T H E R				
			H O T W A T E R	H E A T I N G	C O O L I N G	N S F	P O N : C Y C L E	H O T W A T E R I N I T I A T I V E	F E D E R A L B L D G.	H U D / R F G A	F E D E R A L B L D G.	D E V - O P E R A T I O N A L T E S T S I T E S - N A S A	A G R I C U L T U R A L	I N D U S T R I A L P R O C E S S H E A T	I N S T R U M E N T E D S I T E S - S D A S
	<u>GEORGIA</u>														
	•SAVANNAH	AUDITORIUM(R)	X	X	X			X-3							
	•SHENANDOAH	GYMNASIUM(N)	X	X	X		X								
		HOUSES(2/N)	X	X							X				
	•SWAINSBORO	HOUSES(3/N)	X	X							X				
	•THOMSON	HOUSES(9/N)	X	X							X				
	•TIFTON	CROP DRYING												X	
		TOBACCO CURING												X	

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

			S Y S T E M T Y P E	P R O G R A M S													
				C O M M E R C I A L				R E S I D E N T		O T H E R							
			H O T W A T E R	H E A T I N G	C O O L I N G	N S F	P O N T C Y C L E	H O T W A T E R I N I T I A T I V E	F E D E R A L B L D G.	H U D / R F G A	F E D E R A L B L D G.	T E S T S I T E S - N A S A	D E V - O P E R A T I O N A L	A G R I C U L T U R A L	I N D U S T R I A L P R O C E S S H E A T	I N S T R U M E N T E D S I T E S - S D A S	
C O D E	S T A T E - C I T Y	A P P L I C A T I O N - N / R															
	HAWAII																
	•EWA BEACH	HOUSE (N)	X									X					
	•HONOLULU	MULTI-FAMILY (3/N)	X									X					X
		MULTI-FAMILY (3/R)	X									X					
		HOTEL/MOTEL (R)	X					x-1									X
		HOTEL/MOTEL (R)	X						X								
	•KANE OHE	HOUSE (N)	X									X					X
	•KONA	HOTEL/MOTEL (R)	X						X								
	•WAIKOLOA	SCHOOL (N)	X						X								
	•WAI PAHU	APARTMENTS (R)	X									X					

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS										
			TYPE			COMMERCIAL			RESIDENT.		OTHER				
			HOT WATER	HEATING	COOLING	NSF	PON-CYCLE	HOT WATER INITIATIVE	FEDERAL BLDG.	HUD / R F C A	FEDERAL BLDG.	DEV-OPERATIONAL TEST SITES - NASA	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	INSTRUMENTED SITES - S D A S
	IDAHO														
	•BOISE CITY	SCHOOL(N)	X	X				X-3							
	•IDAHO FALLS	HOUSE(N)	X	X							X				
	•POCATELLO	HOUSE(N)	X	X							X				
		MULTI-FAMILY (R)	X								X				
	•REXBURG	HOUSE(N)	X	X							X				X

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS											
			TYPE		COMMERCIAL			RESIDENT		OTHER						
			HOT WATER	HEATING	COOLING	NSF	PON-CYCLE	HOT WATER INITIATIVE	FEDERAL BLDG.	HUD / R F G A	FEDERAL BLDG.	TEST SITES - NASA	DEV.-OPERATIONAL	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	INSTRUMENTED SITES - S D A S
	ILLINOIS															
	•ARGONNE	CAFETERIA(R)	X							X						X
	•BATAVIA	LABORATORY(R)		X						X						
	•BLOOMINGTON	HOUSE(N)	X	X	X						X					
	•CHAMPAIGN	HOTEL/MOTEL	X					X								
	•CHICAGO	AUDITORIUM(R)		X	X			X-2								
		HOTEL/MOTEL(R)	X	X			X									
	•JOLIET	MULTI-FAMILY (R)	X								X					
	•KINGSTON	HOUSE(N)	X	X							X					
	•LAKE FOREST	HOUSE(N)	X	X							X					
	•MAHOMET	HOUSE(N)	X	X							X					
	•MORTON	HOUSE(N)	X	X							X					
	•NORMAL	HOUSE	X	X									X			
	•ROCKTON	APARTMENT(2/N)	X	X							X					
	•ROSELLE	APARTMENT(N)	X	X							X					X
	•SPRINGFIELD	OFFICE(N)	X	X	X			X-3								
	•ST. CHARLES	SCHOOL(N)	X	X				X-2								

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS														
			TYPE		COMMERCIAL			RESIDENT.	OTHER										
					HOT WATER	HEATING	COOLING	NSF	PON-CYCLE	INITIATIVE	HOT WATER	FEDERAL BLDG.	HUD / R F G A	FEDERAL BLDG.	TEST SITES - NASA	DEV-OPERATIONAL	AGRICULTURAL	INDUSTRIAL	PROCESS HEAT
	ILLINOIS																		
	•URBANA	HAY DRYING																X	
		GRAIN DRYING																X	
	•VERNON HILLS	HOUSE(N)	X	X									X						

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS										
			TYPE			COMMERCIAL			RESIDENT		OTHER				
			HOT WATER	HEATING	COOLING	NSF	PON-CYCLE	HOT WATER INITIATIVE	FEDERAL BLDG.	HUD / R F G A	FEDERAL BLDG.	DEV. SITES - NASA	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	INSTRUMENTED SITES - S D A S
	<u>INDIANA</u>														
	•BATESVILLE	HOUSE(N)	X	X							X				
	•CLARKSVILLE	GYMNASIUM(R)		X				x-2							
	•FORT WAYNE	HOUSE(N)	X	X							X				
	•FOUNTAIN TOWN	HOUSE(N)	X	X							X				
	•GARY	SCHOOL(N)		X				x-2							
	•GREENWOOD	HOUSE(N)	X	X							X				
		HOUSE(N)	X	X							X				X
	•INDIANAPOLIS	HOUSE(2/R)	X	X							X				
		CLINIC(N)						x-3							
		HOTEL/MOTEL(R)	X						X						
	•LAFAYETTE	HOUSE(N)		X							X				
	•LIBERTY	HOUSE(N)	X	X							X				
	•MERRIVILLE	HOTEL/MOTEL(N)	X						X						
	•MUNCIE	HOUSE(N)	X	X							X				
		APARTMENT(N)	X	X							X				
	•NEWBURGH	HOUSE(N)	X	X							X				

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM TYPE		PROGRAMS														
			HOT WATER	HEATING	COOLING	NSF	PON:CYCLE	HOT WATER INITIATIVE	FEDERAL WATER	COMMERCIAL	RESIDENT	OTHER							
										HUD / R F G A	FEDERAL BLDG.	TEST SITES - NASA	DEV-OPERATIONAL	AGRI CULTURAL	INDUSTRIAL PROCESS HEAT	SITES - S D A S	INSTRUMENTED		
	INDIANA																		
	●PERU	HOUSE(N)	X	X									X						
	●PLAINFIELD	MULTI-FAMILY(N)	X	X									X						
	●TERRE HAUTE	HOUSE(2/N)	X	X									X						
		OFFICE(R)							x-3										
	●WEST LAFAYETTE	FOOD PROCESSING															X		
		GREENHOUSE			X												X		
		GRAIN DRYING															X		
		SWINE BUILDING															X		

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION - N/R	SYSTEM		PROGRAMS										
			TYPE			COMMERCIAL			RESIDENT		OTHER				
			HOT WATER	HEATING	COOLING	PONCYCLE	INITIATIVE	HOT WATER	FEDERAL BLDG.	HUD / R F C A	FEDERAL BLDG.	TEST SITES - NASA	AGRICULTURAL	INDUSTRIAL	INSTRUMENTED SITES - S D A S
	<u>IOWA</u>														
	• AMES	GRAIN DRYING (2)												X	
	• COUNCIL BLUFFS	HOUSE (N)	X	X							X				
	• GLENWOOD	APARTMENT (N)	X	X							X				
	• IOWA CITY	HOUSE (N)	X	X	X						X				X
		POLICE STATION (N)		X	X			X-3							
	• MARION	OFFICE (R)		X				X-2							
	• WEST BRANCH	GYMNASIUM	X	X				X-1							X
	• WEST DES MOINES	HOUSE (N)	X	X							X				X

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

			P R O G R A M S																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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			H O T W A T E R		H E A T I N G		C O O L I N G		N S F		P O N : C Y C L E		I N I T I A T I V E		H O T W A T E R		F E D E R A L B L D G.		H U D / R F G A		F E D E R A L B L D G.		T E S T S I T E S - N A S A		D E V - O P E R A T I O N A L		A G R I C U L T U R A L		I N D U S T R I A L		P R O C E S S H E A T		S I T E S - S D A S		I N S T R U M E N T E D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS											
			TYPE		COMMERCIAL			RESIDENT	OTHER							
			HOT WATER	HEATING	COOLING	NSF	PONCYCLE	HOT WATER INITIATIVE	FEDERAL WATER	HUD / R F C A	FEDERAL BLDG.	TEST SITES - NASA	DEV-OPERATIONAL	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	INSTRUMENTED SITES - S D A S
	KENTUCKY															
	•GRAY HAWK	HOUSE(N)	X	X							X					
	•LAND BETWEEN THE LAKES	AUDITORIUM(N)	X	X	X					X						
	•LEXINGTON	HOUSES(3/N)	X	X							X					
		TOBACCO CURING												X		
		GRAIN DRYING												X		
	•LOUISVILLE	OFFICE(R)		X				x-1								X

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

			S Y S T E M P R O G R A M S													
			T Y P E			C O M M E R C I A L		R E S I D E N T		O T H E R						
			H O T W A T E R	H E A T I N G	C O O L I N G	N S F	P O N : C Y C L E	H O T W A T E R	F E D E R A L B L D G.	H U D / R F G A	F E D E R A L B L D G.	T E S T S I T E S - N A S A	D E V - O P E R A T I O N A L	A G R I C U L T U R A L	I N D U S T R I A L	I N S T R U M E N T E D
C O D E	S T A T E - C I T Y	A P P L I C A T I O N - N / R														
	<u>LOUISIANA</u>															
	●BATON ROUGE	HOUSE(R)	X	X	X						X					
		GYMNASIUM(R)	X	X				x-1								X
	●FORT POLK	STORE(N)	X	X	X				X							X
				X	X								X			
	●NEW ORLEANS	(R)	X								X					

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS										
			TYPE		COMMERCIAL			RESIDENT.		OTHER					
			HOT WATER	HEATING	COOLING	NSF	PON:CYCLE	HOT WATER INITIATIVE	FEDERAL BLDG.	HUD / R F C A	FEDERAL BLDG.	DEV: OPERATIONAL TEST SITES - NASA	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	INSTRUMENTED SITES - S D A S
	<u>MAINE</u>														
	•BREWER	MULTI-FAMILY(R)	X	X							X				
	•CORNISH	HOUSE(N)	X	X							X				
	•HALLOWELL	(R)		X				x-3							
	•HAMLIN	OFFICE(R)		X					X						
	•HARPSWELL	HOUSE(N)	X	X							X				
	•LEWISTON	MULTI-FAMILY(R)	X	X							X				
	•LIBBON FALLS	APARTMENTS(R)	X								X				
	•ORONO	HOUSE(N)	X	X							X				
	•PERRY	HOUSE(R)	X	X							X				
		HOUSE(N)		X							X				X
	•TOGUS	HOUSE	X										X		
	•WELLS	APARTMENTS(N)	X	X							X				
	•WINSLOW	SCHOOL(R)	X	X				x-3							

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS													
			TYPE		COMMERCIAL			RESIDENT		OTHER								
			HOT WATER	HEATING	COOLING	NSF	PON-CYCLE	INITIATIVE	HOT WATER	FEDERAL BLDG.	HUD / R F C A	FEDERAL BLDG.	TEST SITES - NASA	DEV-OPERATIONAL	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	SITES - S D A S	INSTRUMENTED
	<u>MARYLAND</u>																	
	●ANNAPOLIS	HOTEL/MOTEL(R)	X						x-1									X
	●BALTIMORE	SCHOOL(N)		X					x-1									
		FIRE STATION(N)	X	X					x-2									
		HOUSES(2/N)	X	X								X						X
		HOUSES(5/R)	X	X								X						
	●BELTSVILLE	SHELTERS														X		
	●COCKEYSVILLE	SCHOOL(R)		X		X	X											X
	●COLUMBIA	HOUSE(N)	X	X								X						X
	●DAMASCUS	HOUSE(N)	X	X								X						X
	●FT. MEADE	HOUSE	X	X										X				
	●GAITHERSBURG	OFFICE(N)		X					x-1									X
	●GREENBELT	APARTMENTS(R)	X									X						
	●GERMANTOWN	COLLEGE(N)	X	X					x-2									
	●JARRETSVILLE	HOUSE(N)	X	X								X						
	●TIMONIUM	SCHOOL(R)		X		X	X											
	●TOWSON	DORMITORY(N)	X	X					x-3									
	●UNION HILLS	OFFICE(R)	X	X					x-3									

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS											
			TYPE			COMMERCIAL			RESIDENT		OTHER					
			HOT WATER	HEATING	COOLING	NSF	PON:CYCLE	HOT WATER INITIATIVE	FEDERAL WATER	HUD / R F G A	FEDERAL BLDG.	TEST SITES - NASA	DEV-OPERATIONAL	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	SITES - S D A S
	<u>MASSACHUSETTS</u>															
	●AMHERST	COLLEGE (N)	X	X	X		x-2									
		HOUSE (N)	X	X							X					
		FOOD PROCESS- ING												X		
	●ARLINGTON	MULTI-FAMILY (N)	X								X					
	●BOSTON	HOSPITAL (R)	X	X			x-2									
		AUDITORIUM (R)	X	X			x-2									
	●BOURNE	OFFICE (N)	X	X			x-2									
	●BREWSTER	HOUSE (N)	X	X							X					
	●BRULINGTON	OFFICE (N)	X	X			x-2									X
	●CONCORD	WAREHOUSE (R)		X		X										X
		APARTMENT (R)	X	X							X					
	●COTUIT	HOUSE (N)	X	X							X					
	●DORCHESTER	SCHOOL (R)		X		X										
	●EASTHAMPTON	APARTMENTS (R)	X								X					
	●FALMOUTH	HOUSE (N)	X	X							X					
	●GLOUCESTER	MULTI-FAMILY (R)	X								X					

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

			S Y S T E M P R O G R A M S												
			T Y P E			C O M M E R C I A L			R E S I D E N T		O T H E R				
			H O T	H E A T I N G	C O O L I N G	N S F	P O N	C Y C L E	H O T	F E D E R A L	H U D	F E D E R A L	T E S T	D E V	I N S T R U M E N T E D
			W A T E R						W A T E R	B L D G.	/ R	B L D G.	S I T E S	O P E R A T I O N A L	S D A S
C O D E	S T A T E - C I T Y	A P P L I C A T I O N - N / R													
	<u>MASSACHUSETTS</u>														
	•GRANBY	APARTMENT (R)	X									X			
	•HAVERHILL	MULTI-FAMILY (2/R)	X									X			
	•LOWELL	APARTMENT (R)	X	X								X			
	•MARION	HOUSE (N)	X	X								X			
	•MEDWAY	HOUSES (2/N)	X									X			X
		HOUSE (N)	X	X								X			X
	•MONUMENT BEACH	HOUSE (N)	X	X								X			
	•NEW BEDFORD	MULTI-FAMILY (R)	X									X			
	•NORTH DART-MOUTH	HOUSE (N)	X	X								X			
	•NORTH EASTON	APARTMENTS (5/N)	X	X								X			
		HOUSE (R)	X	X								X			
	•NORTH HAMP-TON	HOUSE (R)	X	X								X			
	•QUINCY	MULTI-FAMILY (N)	X									X			
		MULTI-FAMILY (R)	X									X			

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS											
			TYPE			COMMERCIAL			RESIDENT		OTHER					
			HOT WATER	HEATING	COOLING	NSF	PONCICLE	HOT WATER INITIATIVE	FEDERAL WATER	HUD / RFGA	FEDERAL BLDG.	TEST SITES - NASA	DEV-OPERATIONAL	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	INSTRUMENTED SITES - SDA S
	MASSACHUSETTS															
	●RAYNHAM	APARTMENT(N)	X								X					
	●SAUGUS	APARTMENT(N)	X								X					
	●SPRINGFIELD	HOUSE(N)	X	X							X					
	●TEWKSBURY	GREENHOUSE												X		
	●WALTHAM	(R)	X								X					
	●WESTFIELD	MULTI-FAMILY(R)	X								X					
	●WEST SPRINGFIELD	HOUSE(N)		X							X					X
	●WOLLASTON	(R)	X								X					
	●WORCESTER	MULTI-FAMILY(R)	X								X					

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

C O D E	S T A T E - C I T Y	A P P L I C A T I O N - N / R	S Y S T E M		P R O G R A M S										
			T Y P E		C O M M E R C I A L			R E S I D E N T		O T H E R					
			H O T W A T E R	H E A T I N G	C O O L I N G	N S F	P O N : C Y C L E	H O T W A T E R I N I T I A T I V E	F E D E R A L B L D G.	H U D / R F C A	F E D E R A L B L D G.	D E V : O P E R A T I O N A L T E S T S I T E S - N A S A	A G R I C U L T U R A L	I N D U S T R I A L P R O C E S S H E A T	I N S T R U M E N T E D S I T E S - S D A S
	<u>MICHIGAN</u>														
	•BATTLE CREEK	MULTI-FAMILY(R)	X								X				
	•BENTON HARBOR	HOUSE(N)	X	X							X				
	•CEDAR SPRINGS	APARTMENTS(R)	X	X				x-2							
	•EAST LANSING	HOUSE(N)	X	X							X				
		POULTRY												X	
		FOOD PROCESS- ING												X	
	•FLINT	HOUSE(N)	X	X							X				
	•KALAMAZOO	APARTMENT(N)	X								X				
	•LANSING	HOUSE	X	X									X		
	•OKEMOS	HOSPITAL(N)	X					x-2							X
	•PETOSKEY	HOTEL/MOTEL(R)	X						X						
	•SAGINAW	OFFICE(R)	X	X		X				X					
	•TRAVERSE CITY	OFFICE(N)	X	X				x-2							
	•TROY	SCHOOL(N)	X	X				x-2							X

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS											
			TYPE		COMMERCIAL			RESIDENT		OTHER						
			HOT WATER	HEATING	COOLING	NSF	PON:CYCLE	HOT WATER INITIATIVE	FEDERAL WATER	HUD / R F G A	FEDERAL BLDG.	TEST SITES - NASA	DEV-OPERATIONAL	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	INSTRUMENTED SITES - S D A S
	<u>MINNESOTA</u>															
	•APPLE VALLEY	HOTEL/MOTEL(N)	X	X				x-2								
	•BLOOMINGTON	HOUSE(N)	X	X							X					
	•BLUE EARTH	INDUSTRY(R)		X				x-1								X
	•BROOKLYN CENTER	SCHOOL (R)	X	X			X									
	•CAMBRIDGE	HOUSE(N)	X	X							X					
	•DULUTH	HOTEL/MOTEL(R)	X						X							
	•EDEN PRAIRIE	HOUSE(N)	X	X							X					X
	•FERGUS FALLS	HOUSE(N)	X	X							X					
	•HIBBING	AUDITORIUM(N)		X				x-2								
	•HUTCHINSON	HOUSE(N)		X		X					X					
	•MAPLE GROVE	HOUSE(2/N)	X	X							X					X
		HOUSE(N)	X								X					
	•MEDINA	HOUSE(N)	X	X							X					
	•MINNEAPOLIS	MULTI-FAMILY(N)	X	X							X					
		HOUSE	X	X							X					

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS													
			TYPE		COMMERCIAL			RESIDENT		OTHER								
			HOT WATER	HEATING	COOLING	NSF	PON-CYCLE	HOT WATER INITIATIVE	FEDERAL WATER	HUD / R F G A	FEDERAL BLDG.	TEST SITES - NASA	DEV-OPERATIONAL	AGRICULTURAL	INDUSTRIAL PROCESS HEAT			SITES - S D A S
	MINNESOTA (CONT)																	
	•MINNEAPOLIS	HOUSE (N)	X									X						
		BOOKSTORE		X	X	X						X						X
	•MINNETONKA	HOUSE (N)	X	X														
	•O'BRIEN PARK	HOUSE	X	X										X				
	•PLYMOUTH	OFFICE (N)	X	X				X-3										
	•ST. PAUL	HOTEL/MOTEL (N)	X	X				X-1										X
		TURKEY HOUSE													X			
	•SAUK RAPIDS	HOUSE (N)	X	X								X						

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE ~ CITY	APPLICATION-N/R	SYSTEM		PROGRAMS												
			TYPE		COMMERCIAL			RESIDENT		OTHER							
			HOT WATER	HEATING	COOLING	POW:CYCLE	INITIATIVE	FEDERAL WATER	HUD / R F G A	FEDERAL BLDG.	TEST SITES - NASA	DEV-OPERATIONAL	AGRI-CULTURAL	INDUSTRIAL PROCESS HEAT	SITES - S D A S	INSTRUMENTED	
	MISSISSIPPI																
	•CANTON	LUMBER DRYING														X	
	•CLARKSDALE	HOUSES(2/N)	X	X								X					
		OFFICE(N)		X					x-3								
	•CLINTON	HOUSE	X	X								X					
	•GREENWOOD	ARMY	X	X	X												
	•STARKVILLE	OFFICE(N)		X					x-3							X	

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

S Y S T E M T Y P E			P R O G R A M S												
			C O M M E R C I A L			R E S I D E N T		O T H E R							
			H O T W A T E R	H E A T I N G	C O O L I N G	N S F	P O N I C Y C L E	H O T W A T E R I N I T I A T I V E	F E D E R A L B L D G.	H U D / R F G A	F E D E R A L B L D G.	T E S T S I T E S - N A S A	D E V - O P E R A T I O N A L	A G R I C U L T U R A L	I N D U S T R I A L P R O C E S S H E A T
C O D E	S T A T E - C I T Y	A P P L I C A T I O N - N / R													
	MISSOURI														
	•BARNHART	HOUSE(N)	X	X							X				
	•COLUMBIA	HOUSES(N)	X								X				X
		OFFICE(N)		X				x-2							
	•GLADSTONE	HOUSES(2/N)	X	X							X				X
		HOUSE(N)	X								X				
	•KANSAS CITY	FIRE STATION(N)	X	X				x-1							X
	•POPLAR BLUFF	HOUSE(N)	X	X							X				X
	•RICHMOND	HOUSE(N)	X	X							X				
		APARTMENTS(N)	X	X							X				
	•ST. LOUIS	MULTI-FAMILY(R)	X								X				
		OFFICE(R)	X	X				x-2							
	•SPRINGFIELD	HOUSE(N)	X	X							X				
	•WAVERLY	EDUCATIONAL(N)						x-3							

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

			S Y S T E M		P R O G R A M S													
			T Y P E		C O M M E R C I A L			R E S I D E N T		O T H E R								
			H O T	H E A T I N G	C O O L I N G	N S F	P O N : C Y C L E	H O T W A T E R	F E D E R A L B L D G.	H U D / R F G A	F E D E R A L B L D G.	T E S T S I T E S - N A S A	D E V - O P E R A T I O N A L	A G R I C U L T U R A L	I N D U S T R I A L	S I T E S - S D A S	I N S T R U M E N T E D	
C O D E	S T A T E - C I T Y	A P P L I C A T I O N - N / R																
	MONTANA																	
	•BIG FORK	HOUSE(N)	X	X								X						X
	•BILLINGS	OFFICE(N)		X					x-2									X
	•BOZEMAN	OFFICE(N)		X					x-3									
		HOUSE(N)	X	X								X						
	•CUT BANK	APARTMENT(N)	X	X								X						
	•HARLEM	HOUSE(N)	X	X								X						
	•KALISPELL	HOUSE(N)	X	X								X						
	•LAME DEER	HOUSE(N)	X	X								X						

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

			P R O G R A M S														
S Y S T E M			C O M M E R C I A L				R E S I D E N T		O T H E R								
T Y P E																	

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

			SYSTEM		PROGRAMS											
			TYPE		COMMERCIAL			RESIDENT.		OTHER						
			HOT WATER	HEATING	COOLING	NSF	PON-CYCLE	HOT WATER INITIATIVE	FEDERAL BLDG.	HUD / R F G A	FEDERAL BLDG.	DEV-OPERATIONAL TEST SITES-NASA	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	SITES - S D A S	INSTRUMENTED
CODE	STATE - CITY	APPLICATION-N/R														
	NEVADA															
	•LAS VEGAS	HOTEL/MOTEL(N)	X						X							
		COMMERCIAL	X	X	X								X			
	•MERCURY	FIRE STATION(R)	X							X						
	•RENO	APARTMENT(R)	X								X					
	•SILVER KNOLLS	HOUSE(N)	X	X							X					

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

C O D E	S T A T E - C I T Y	A P P L I C A T I O N - N / R	S Y S T E M		P R O G R A M S													
			T Y P E	H O T W A T E R	H E A T I N G	C O O L I N G	N S F	P O N C Y C L E	H O T W A T E R I N I T I A T I V E	F E D E R A L B L D G.	H U D / R F C A	F E D E R A L B L D G.	T E S T S I T E S - N A S A	D E V - O P E R A T I O N A L	A G R I C U L T U R A L	I N D U S T R I A L P R O C E S S H E A T	I N S T R U M E N T E D S I T E S - S D A S	
																		C O M M E R C I A L
	NEW HAMPSHIRE																	
	•CLAREMONT	MULTI-FAMILY(N)	X										X					
	•DURHAM	LABORATORY(R)	X	X					x-2									
	•EAST DERRY	HOUSE(N)	X	X									X					
	•HARRISVILLE	HOUSE(N)	X	X									X					
	•JAFFREY	OFFICE(N)	X	X					x-2									
	•KEENE	HOUSES(2/N)		X									X					
	•MANCHESTER	WAREHOUSE(R)		X					x-1									X
		GYMNASIUM(N)		X					x-3									
		OFFICE(R)	X	X	X						X							
		HOUSE	X	X											X			
	oNASHUA	HOUSE(N)	X	X									X					
	oNEW IPSWICH	HOUSES(2/N)	X	X									X					
	oNORTH CONWAY	HOUSE(N)	X	X									X					
		APARTMENTS(N)	X	X	X								X					
	oNORTHFIELD	HOUSE(N)	X	X									X					

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION - N/R	SYSTEM		PROGRAMS											
			TYPE			COMMERCIAL			RESIDENT		OTHER					
			HOT WATER	HEATING	COOLING	N S F	P O N : C Y C L E	H O T W A T E R	F E D E R A L	H U D / R F C A	F E D E R A L B L D G.	D E V - O P E R A T I O N A L	A G R I C U L T U R A L	I N D U S T R I A L	S I T E S - S D A S	I N S T R U M E N T E D
	<u>NEW JERSEY</u>															
	•ALLAIRE STATE PARK	HOUSE	X	X	X									X		
	•ALLEN TOWN	GREENHOUSE		X											X	
	•BASKING RIDGE	AUDITORIUM(N)	X	X	X		X									
	•BLACKWOOD	HOUSES(2/N)	X	X							X					
	•CHERRY HILL	HOTEL/MOTEL(R)	X	X				X-2								
	•DOVER	MULTI-FAMILY(R)	X								X					
	•FLORHAM PARK	OFFICE(N)						X-3								
	•HARDWICK TOWNSHIP	SCHOOL(N)	X	X				X-3								
	•HOBOKEN	MULTI-FAMILY (2/N)	X								X					
	•LONG BEACH	RESTAURANT(N)	X	X	X			X-2								X
	•LUMBERTON	INDUSTRY(R)		X	X			X-1								
	•MOORESTOWN	CLINIC(N)	X	X				X-3								
	•NEWARK	APARTMENT(R)	X								X					
		HOUSES(2/N)	X	X							X					
		HOUSE (N)	X								X					

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS											
			TYPE		COMMERCIAL			RESIDENT	OTHER							
			HOT WATER	HEATING	COOLING	NSF	PON:CYCLE	HOT WATER INITIATIVE	FEDERAL BLDG.	HUD / RFGA	FEDERAL BLDG.	TEST SITES - NASA	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	INSTRUMENTED SITES - SDA S	
	NEW JERSEY															
	•OLD BRIDGE	HOUSE(N)	X	X							X					
	•ORANGE	MULTI-FAMILY(R)	X								X					
	•SOUTH BRUNSWICK	HOUSE(N)	X								X					X
	•TINTON FALLS	CLINIC(N)	X	X				X-3								
	•TRENTON	COLLEGE(R)	X	X				X-3								

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

			SYSTEM		PROGRAMS												
			TYPE			COMMERCIAL			RESIDENT		OTHER						
			HOT WATER	HEATING	COOLING	NSF	PON-CYCLE	INITIATIVE	FEDERAL WATER	HUD / R F G A	FEDERAL BLDG.	TEST SITES - NASA	DEV-OPERATIONAL	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	SITES - S D A S	INSTRUMENTED
CODE	STATE - CITY	APPLICATION-N/R															
	NEW MEXICO																
	•ALBUQUERQUE	MULTI-FAMILY(N)	X									X					X
		MULTI-FAMILY(N)			X							X					X
		HOUSE(N)		X	X							X					X
		APARTMENTS(N)		X	X							X					
		HOUSE(N)		X	X							X					
		OFFICE(N)			X				X-2								X
		OFFICE(R)			X	X			X-3								
		OFFICE(N)		X	X				X-3								
	•BREAD SPRINGS	EDUCATIONAL(R)		X	X						X						
	•CARLSBAD	HOUSE		X	X									X			
	•EL DORADO	HOUSE(N)		X	X							X					
	•KIRKLAND AFB.	STORE(N)		X	X	X					X						X
	•LAS CRUCES	UNIVERSITY(N)			X	X			X-3								
		HOTEL/MOTEL(R)		X						X							
		OFFICE(R)		X	X	X		X									
	•NAMBRE	AUDITORIUM(N)			X			X									
	•RIO RANCHO	HOUSE(N)		X	X							X					

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS													
			TYPE		COMMERCIAL			RESIDENT	OTHER									
					HOT WATER	HEATING	COOLING	NSF	PON:CYCLE	HOT WATER INITIATIVE	FEDERAL BLDG.	HUD / R F G A	FEDERAL BLDG.	TEST SITES - NASA	DEV-OPERATIONAL	AGRI CULTURAL	INDUSTRIAL PROCESS HEAT	SITES - S D A S
	NEW MEXICO																	
	•SANTA FE	HOUSES(5/N)	X	X								X						
	•SANTA TERESA	HOUSES(4/N)	X	X								X						
	•TAOS	OFFICE(N)		X				x-2										X

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

			P R O G R A M S													
			S Y S T E M T Y P E			C O M M E R C I A L			R E S I D E N T		O T H E R					
			H O T W A T E R	H E A T I N G	C O O L I N G	N S F	P O N I C Y C L E	H O T W A T E R I N I T I A T I V E	F E D E R A L B L D G.	H U D / R F G A	F E D E R A L B L D G.	T E S T S I T E S - N A S A	D E V - O P E R A T I O N A L	A G R I C U L T U R A L	I N D U S T R I A L P R O C E S S H E A T	I N S T R U M E N T E D S I T E S - S D A S
C O D E	S T A T E - C I T Y	A P P L I C A T I O N - N / R														
	NEW YORK															
	•BALLSTON SPA.	HOUSE(N)	X	X							X					X
		SCHOOL(R)	X	X				x-2								
	•BEDFORD	HOUSES(6/N)	X	X							X					
	•BOHEMIA	OFFICE(R)		X				x-2								
	•BRONX	MULTI-FAMILY (2/R)	X								X					
	•BROOKLYN	APARTMENTS(R)	X	X							X					
		APARTMENTS(R)	X								X					
		HOUSE(R)	X								X					
	•CARMEL	HOUSES(3/N)	X	X							X					
	•CHESTER	HOUSE(N)	X	X							X					X
	•CORAM	HOUSE(N)		X							X					
	•HAMBURG	HOUSE(N)	X	X							X					
	•ITHACA	GREENHOUSE		X										X		
	•KEW GARDENS	MULTI-FAMILY(R)	X								X					
	•LAGRANGEVILLE	HOUSE(N)	X	X							X					
	•LYNBROOK	OFFICE(R)	X	X				x-3								

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

SYSTEM TYPE			PROGRAMS											
			COMMERCIAL			RESIDENT.		OTHER						
			HOT WATER	HEATING	COOLING	NSF	PON-CYCLE	INITIATIVE	HOT WATER	FEDERAL BLDG.	HUD / R F C A	FEDERAL BLDG.	TEST SITES - NASA	AGRICULTURAL
CODE	STATE - CITY	APPLICATION-N/R												
	NEW YORK													
	•MILLBROOK	OFFICE(N)	X	X				X-2						
	•NEW ROCHELLE	LIBRARY(N)	X	X				X-2						
	•NEW YORK		X	X		X		X-3						
		MULTI-FAMILY (5/R)	X									X		
		MULTI-FAMILY(R)	X									X		X
		MULTI-FAMILY(N)	X									X		
		APARTMENTS(R)	X	X								X		
	•PONOMA	HOUSE(N)	X	X								X		
	•STATEN ISLAND	INDUSTRIAL(R)		X		X		X-3						
	•TROY	STORE(N)		X				X-2						
	•UPTON	LABORATORY(R)	X	X						X				X
	•WHITESTONE	APARTMENTS(R)	X									X		

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

			SYSTEM		PROGRAMS										
			TYPE		COMMERCIAL			RESIDENT	OTHER						
			HOT WATER	HEATING	COOLING	NSF	PON:CYCLE	HOT WATER INITIATIVE	FEDERAL BLDG.	HUD / R F C A	FEDERAL BLDG.	DEV-OPERATIONAL TEST SITES - NASA	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	INSTRUMENTED SITES - S D A S
CODE	STATE - CITY	APPLICATION-N/R													
	<u>NORTH CAROLINA</u>														
	• CHARLOTTE	SCHOOL (R)	X	X				x-1							
		HOTEL/MOTEL (R)	X						X						X
	• COLUMBUS	HOUSE (N)	X	X							X				
	• DURHAM	APARTMENTS (N)	X	X		X					X				
	• FAYETTEVILLE	HOUSE (N)	X	X							X				
	• MURPHY	COMMERCIAL	X	X		X							X		
	• PINEHURST	HOUSE (N)	X	X							X				
	• PINEVILLE	HOUSE (N)	X	X							X				
	• PITTSBORO	HOUSE (N)		X							X				
		HOUSE (N)	X								X				
	• RALEIGH	TOBACCO CURING												X	
		PEANUT DRYING												X	
		GREENHOUSES		X										X	
	• SALISBURY	HOUSE	X	X		X									X
	• TROY	SCHOOL (N)	X	X				x-3							
	• WINSTON-SALEM	HOUSE (N)													

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS													
			TYPE		COMMERCIAL			RESIDENT	OTHER									
					HOT WATER	HEATING	COOLING	NSF	PONCICLE	HOT WATER INITIATIVE	FEDERAL BLDG.	HUD / RFGA	FEDERAL BLDG.	TEST SITES	DEV-OPERATIONAL	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	SITES - S D A S
	NORTH DAKOTA																	
	•BISMARK	OFFICE (R)																
	•GRAND FORKS	HOUSES (3/N)	X	X					X									
	•JAMESTOWN	COLLEGE (N)	X	X						X-3				X				X

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS											
			TYPE		COMMERCIAL			RESIDENT		OTHER						
			HOT WATER	HEATING	COOLING	NSF	PON-CYCLE	HOT WATER INITIATIVE	FEDERAL WATER	HUD / R FGA	FEDERAL BLDG.	TEST SITES - NASA	DEV-OPERATIONAL	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	INSTRUMENTED SITES - S D A S
	OHIO															
	•AKRON	HOUSE	X	X	X									X		
	•AUSTINTOWN	HOUSES (4/N)	X	X							X					
	•BOARDMAN	HOUSE (N)	X	X							X					
	•CANTON	HOUSES (4/N)	X	X							X					X
	•CINCINNATI	HOUSE (N)	X	X							X					
	•CLEVELAND	HOUSE (R)	X	X							X					
	•COLUMBUS	HOUSE (N)	X	X							X					
		HOUSES (2/N)	X								X					
		HOUSE (N)	X	X	X						X					X
		OFFICE (R)	X	X	X			X-2								X
		COLLEGE (N)	X	X	X			X-2								
	•DUBLIN	HOUSES (4/N)	X	X							X					
	•FAIRFIELD	HOUSE (N)	X	X							X					
	•FINDLAY	HOUSE (N)	X	X							X					
	•HUBBARD	HOUSE (N)	X	X							X					
	•MARIETTA	HOUSE (N)	X	X							X					
	•MIAMISBURG	LABORATORY (R)		X						X						

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS										
			TYPE		COMMERCIAL			RESIDENT.	OTHER						
			HOT WATER	HEATING	COOLING	NSF	PON:CYCLE	HOT WATER INITIATIVE	FEDERAL BLDG.	HUD / R F C A	FEDERAL BLDG.	DEV-OPERATIONAL TEST SITES-NASA	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	INSTRUMENTED SITES-S D A S
	OHIO														
	•MOUNT STERLING	HOTEL/MOTEL(R)	X	X					X						
	•PIQUA	HOUSE(N)	X	X							X				
	•POLAND TOWNSHIP	HOUSE(N)	X	X							X				
	•SPRINGFIELD	GREENHOUSES		X							X			X	
	•STRONGVILLE	HOUSES(2/N)	X	X							X				
	•TOLEDO	CLINIC(N)						X-3							
	•TROY	LIBRARY(R)		X				X-1							X
		HOUSE(N)	X	X							X				
	•WOOSTER	GREENHOUSES		X										X	

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

SYSTEM TYPE			PROGRAMS													
			COMMERCIAL			RESIDENT	OTHER									
			HOT WATER	HEATING	COOLING	NSF	PONCYCLE	HOT WATER INITIATIVE	FEDERAL BLDG.	HUD / R F C A	FEDERAL BLDG.	DEV-OPERATIONAL TEST SITES - NASA	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	SITES - S D A S	INSTRUMENTED
CODE	STATE - CITY	APPLICATION-N/R														
	OKLAHOMA															
	•ADA	HOUSE(N)	X	X							X					
	•ANTLERS	HOUSE(N)	X	X							X					
	•BARTLESVILLE	LABORATORY(R)	X							X						
	•CLAYTON	HOUSE(N)	X	X							X					
	•EL RENO	HOUSE		X									X			
	•HUGIO	HOUSE(N)	X	X							X					
	•KINGSTON	HOTEL/MOTEL(R)	X						X							
	•MOYERS	HOUSE(N)	X	X							X					
	•NORMAN	HOUSE(N)	X	X							X					
	•NOWATA	HOUSE(N)	X	X							X					
	•OKLAHOMA CITY	HOUSE(N)	X	X							X					
		OFFICE(N)	X	X		X		X-3								
	•OKMULGEE	HOUSE(R)	X	X							X					
	•POTEAU	HOUSE(N)	X	X							X					
	•SOBOL	HOUSE(N)	X	X							X					
	•STILLWATER	PEANUT DRYING													X	

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS												
			TYPE		COMMERCIAL				RESIDENT	OTHER							
			HOT WATER	HEATING	COOLING	NSF	PONCYCLE	HOT WATER INITIATIVE	FEDERAL WATER	HUD / R F G A	FEDERAL BLDG.	TEST SITES - NASA	DEV-OPERATIONAL	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	SITES - S D A S	INSTRUMENTED
	OKLAHOMA																
	•TAMAHA	HOUSE(N)	X	X								X					
	•TULSA	HOUSES(4N)	X	X								X					

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

			S Y S T E M P R O G R A M S													
			T Y P E			C O M M E R C I A L			R E S I D E N T		O T H E R					
			H O T W A T E R	H E A T I N G	C O O L I N G	N S F	P O N I C Y C L E	H O T W A T E R I N I T I A T I V E	F E D E R A L W A T E R	H U D / R F G A	F E D E R A L B L D G.	T E S T S I T E S - N A S A	D E V - O P E R A T I O N A L B L D G.	A G R I C U L T U R A L	I N D U S T R I A L P R O C E S S H E A T	I N S T R U M E N T E D S I T E S - S D A S
C O D E	S T A T E - C I T Y	A P P L I C A T I O N - N / R														
	OREGON															
	•ASHLAND	HOUSE (2N)	X	X								X				
		APARTMENTS (N)	X									X				
		APARTMENTS (N)		X		X						X				
		SUPERMARKET (R)		X				x-3								
	•COOS BAY	HOUSE (N)	X	X								X				X
	•PORTLAND	MULTI-FAMILY (N)	X									X				
		OFFICE (N)	X	X		X		x-3								
	•REDMOND	HOUSE (N)	X	X								X				
		COMMERCIAL	X	X		X								X		
	•STAYTON	HOUSE (N)	X	X								X				X
	•SWEET HOME	OFFICE (N)	X	X		X		x-3								

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

SYSTEM TYPE			PROGRAMS												
			COMMERCIAL			RESIDENT.	OTHER								
			HOT WATER	HEATING	COOLING	NSF	PON:CYCLE	HOT WATER INITIATIVE	FEDERAL BLDG.	HUD / R F G A	FEDERAL BLDG.	TEST SITES - NASA	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	INSTRUMENTED SITES - S D A S
CODE	STATE - CITY	APPLICATION-N/R													
	PENNSYLVANIA														
	•BETHEL PARK	HOUSE(2N)	X	X							X				
	•BRYN MAWR	HOUSE(N)	X	X							X				
	•HARRISBURG	MULTI-FAMILY (R)	X								X				
		CURING											X		
	•HAVERTOWN	APARTMENT(R)	X								X				
	•HOMESTEAD	HOUSE(N)	X	X							X				
	•MECHANICS-BURG	MULTI-FAMILY (N)	X								X				
	•MILFORD TOWNSHIP	HOUSE(N)	X	X							X				
	•NEW CASTLE	HOUSE	X	X									X		
	•NORTHHAMPTON TOWNSHIP	HOUSE(N)	X	X							X				
	•N. FRANKLIN TOWNSHIP	HOUSE(N)	X	X							X				X
	•PENN VALLEY	HOUSE(N)	X	X							X				
	•PHILADELPHIA	APARTMENTS(R)	X								X				

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS												
			TYPE		COMMERCIAL			RESIDENT	OTHER								
			HOT WATER	HEATING	COOLING	NSF	PON:CYCLE	HOT WATER INITIATIVE	FEDERAL WATER	HUD / R F G A	FEDERAL BLDG.	TEST SITES - NASA	DEV-OPERATIONAL	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	SITES - S D A S	INSTRUMENTED
	PENNSYLVANIA																
	•PHILADELPHIA	HOUSE(R)	X	X								X					
		MULTI-FAMILY (R)	X									X					X
		MULTI-FAMILY (R)	X									X					
	•PITTSBURGH	HOUSE(N)	X	X								X					X
		OFFICE(R)	X	X				X-3									
		LABORATORY(R)	X							X							
	•PORT VUE	HOUSE(N)	X	X								X					
	•RANKIN	HOUSE(N)	X	X								X					
	•READING	SCHOOL(N)	X	X	X			X-3									
	•TOWAMENCIN TOWNSHIP	HOUSE(N)	X	X								X					
	•TUNKHANNOCK	HOUSE	X	X										X			
	•UNIVERSITY PARK	GREENHOUSES		X												X	
	•WEST CHESTER	APARTMENTS(R)	X									X					

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM TYPE		PROGRAMS											
			HOT WATER	HEATING	COMMERCIAL			RESIDENT	OTHER							
					NSF	PON-CYCLE	HOT WATER INITIATIVE	FEDERAL BLDG.	HUD / R F C A	FEDERAL BLDG.	DEV- OPERATIONAL TEST SITES - NASA	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	INSTRUMENTED SITES - S D A S		
	PENNSYLVANIA															
	•WEST GOSHEN	OFFICE(R)	X				X									X
	•WEST GROVE	HOUSE(N)	X	X								X				

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS											
			TYPE		COMMERCIAL				RESIDENT.		OTHER					
			HOT WATER	HEATING	COOLING	NSF	PON:CYCLE	HOT WATER INITIATIVE	FEDERAL WATER	HUD / RFGA	FEDERAL BLDG.	TEST SITES - NASA	DEV- OPERATIONAL	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	INSTRUMENTED SITES - S D A S
	PUERTO RICO															
	•CANOVANAS	INDUSTRIAL(N)					X	X								
	•RIO PEDRAS	MULTI-FAMILY (N)	X									X				
	•SAN JUAN	INDUSTRIAL	X				X									X

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

			SYSTEM		PROGRAMS											
			TYPE			COMMERCIAL			RESIDENT.		OTHER					
			HOT WATER	HEATING	COOLING	NSF	PON:CYCLE	INITIATIVE	FEDERAL BLDG.	HUD / R F G A	FEDERAL BLDG.	TEST SITES - NASA	DEV-OPERATIONAL	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	INSTRUMENTED SITES - S D A S
CODE	STATE - CITY	APPLICATION-N/R														
	RHODE ISLAND															
	•JAMESTOWN	HOUSE(N)	X	X							X					X
	•NEWPORT	HOUSE(N)	X	X							X					
		APARTMENTS(N)	X	X								X				
	•PEACE DALE	MULTI-FAMILY (N)	X								X					
	•PROVIDENCE	UNIVERSITY(R)	X	X				x-3								

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS										
			TYPE		COMMERCIAL			RESIDENT	OTHER						
			HOT WATER	HEATING	COOLING	POW-CYCLE	INITIATIVE	FEDERAL WATER	HUD / R F G A	FEDERAL BLDG.	TEST SITES - NASA	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	INSTRUMENTED SITES - S D A S	
	SOUTH CAROLINA														
	•ABBE VILLE	OFFICE (N)	X	X			x-3								
	•ANDERSON	HOTEL/MOTEL (R)	X					X							
	•CLEMSON	GREENHOUSE		X										X	X
	•COLUMBIA	HOUSE (N)	X	X							X				
		MULTI-FAMILY (R)	X								X				
		MULTI-FAMILY	X	X									X		
	•GREENVILLE	HOUSE (N)	X	X	X						X				
		HOUSE (N)	X	X							X				X
	•GREENWOOD	OFFICE (N)	X	X			x-1								X
	•GIREER	HOUSES (3N)	X	X							X				
	•HILTON HEAD ISLAND	HOUSE (N)	X	X							X				
	•INMAN	HOUSE (N)	X	X							X				
	•LA FRANCE	TEXTILE DRYING													X
	•N. CHARLESTON	SCHOOL (R)		X	X		x-3								

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS												
			TYPE		COMMERCIAL			RESIDENT	OTHER								
			HOT WATER	HEATING	COOLING	NSF	PON-CYCLE	HOT WATER INITIATIVE	FEDERAL BLDG.	HUD / R F G A	FEDERAL BLDG.	TEST SITES - NASA	DEV-OPERATIONAL	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	SITES - S D A S	INSTRUMENTED
	SOUTH CAROLINA																
	•ST. MATTHEWS	HOUSES (4N)	X	X								X					X
	•SUMMERVILLE	HOUSE (N)	X	X								X					
		HOUSE (N)	X									X					

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

			S Y S T E M P R O G R A M S												
			T Y P E		C O M M E R C I A L			R E S I D E N T		O T H E R					
			H O T W A T E R	H E A T I N G	C O O L I N G	N S F	P O N : C Y C L E	H O T W A T E R I N I T I A T I V E	F E D E R A L B L D G.	H U D / R F C A	F E D E R A L T E S T S I T E S - N A S A	D E V - O P E R A T I O N A L B L D G.	A G R I C U L T U R A L	I N D U S T R I A L P R O C E S S H E A T	I N S T R U M E N T E D S I T E S - S D A S
C O D E	S T A T E - C I T Y	A P P L I C A T I O N - N / R													
	<u>SOUTH DAKOTA</u>														
	• ABERDEEN		X	X				x-2							X
	• AVON	APARTMENTS(R)	X	X							X				
	• BROOKINGS	SWINE BLDG,		X										X	
	• ELK POINT	APARTMENTS(R)	X	X							X				
	• KEYSTONE	AUDITORIUM(R)		X		X		x-1							X
	• RAPID CITY	HOUSES(2N)	X	X							X				X
	• SCOTLAND	APARTMENT(R)	X	X							X				
	• SPEARFISH	SCHOOL(N)	X	X				x-2							

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

SYSTEM TYPE			P R O G R A M S												
			C O M M E R C I A L			R E S I D E N T		O T H E R							
			H O T W A T E R	H E A T I N G	C O O L I N G	P O N I C Y C L E	H O T W A T E R I N I T I A T I V E	F E D E R A L B L D G.	H U D / R F C A	F E D E R A L B L D G.	T E S T S I T E S - N A S A	D E V - O P E R A T I O N A L B L D G.	A G R I C U L T U R A L	I N D U S T R I A L P R O C E S S H E A T	I N S T R U M E N T E D S I T E S - S D A S
C O D E	S T A T E - C I T Y	A P P L I C A T I O N - N / R													
	<u>TENNESSEE</u>														
	• CLEVELAND	COMMERCIAL	X	X	X								X		
	• DIXON SPRINGS	HOUSE(N)	X	X						X					
	• JACKSON	INDUSTRIAL(R)	X	X			x-2								
	• KNOXVILLE	HAY DRYING												X	
	• LAWRENCE BURG	SCHOOL	X	X	X								X		
	• MEMPHIS	OFFICE HOUSES(2N)	X	X			x-3			X					
	• MURFREES- BORO	HOUSE(N)	X	X						X					
	• NASHVILLE	OFFICE(N) HOTEL/MOTEL(N)	X	X			x-2	X							X
	• STRAWBERRY PLAIN	HOUSE(N)		X						X					

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

			S Y S T E M P R O G R A M S												
			T Y P E			C O M M E R C I A L			R E S I D E N T		O T H E R				
			H O T W A T E R	H E A T I N G	C O O L I N G	P O N : C Y C L E	I N I T I A T I V E	H O T W A T E R	F E D E R A L B L D G.	H U D / R F C A	F E D E R A L B L D G.	D E V : O P E R A T I O N A L	A G R I C U L T U R A L	I N D U S T R I A L	I N S T R U M E N T E D
C O D E	S T A T E - C I T Y	A P P L I C A T I O N - N / R													
	<u>TEXAS</u>														
	• AUSTIN	APARTMENTS (R)	X	X	X						X				X
		APARTMENTS (R)	X	X	X						X				
		HOUSE (N)	X	X							X				
		OFFICE (N)		X	X			x-1							X
		INDUSTRIAL (N)		X	X			x-2							
	• BASTROP	DORMITORY (N)	X	X	X					X					X
	• BEAUMONT	HOTEL/MOTEL (N)	X						X						
		RICE DRYING												X	
	• CARROLLTON	COMMERCIAL	X	X	X								X		
		HOUSE (R)	X	X							X				X
	• COLLEGE STATION	GREENHOUSES			C									X	
	• CORSICANA	MULTI-FAMILY (R)	X								X				
	• DALLAS	HOUSE	X	X	X								X		
		HOUSES (2N)	X	X							X				
		SCHOOL (R)	X	X				x-3							

N: New R: Retrofit

NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS											
			TYPE		COMMERCIAL			RESIDENT	OTHER							
			HOT WATER	HEATING	COOLING	NSF	PON:CYCLE	HOT WATER INITIATIVE	FEDERAL BLDG.	HUD / R F G A	FEDERAL	TEST SITES - NASA	DEV-OPERATIONAL BLDG.	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	INSTRUMENTED SITES - S D A S
	<u>TEXAS</u>															
		OFFICE(N)	X	X				x-2								
		GYMNASIUM(R)	X	X	X	X										X
	• EL PASO	GREENHOUSES		X										X		
	• FORTHOOD	OFFICE(R)		X	X					X						
	• HELOTES	HOUSE(N)	X	X	X						X					
	• HOUSTON	COMMERCIAL	X	X	X								X			
		OFFICE(R)	X							X						
	• LOGIO VISTA	HOUSE(R)	X								X					
	• LUBBOCK	HOUSES(5N)	X	X							X					
		HOUSE(N)	X	X	X						X					
	• RANDOLPH AFB	STORE(R)	X	X	X					X						X
	• SAN ANGELO	HOUSE(N)	X	X							X					
	• SAN ANTONIO	MULTI-FAMILY (R)	X								X					
		OFFICE(R)	X	X	X			x-1								X
		SCHOOL	X	X	X			x-3								
		HOTEL/MOTEL(R)	X						X							

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NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM TYPE		PROGRAMS													
			HOT WATER	HEATING	COOLING	NSF	PON:CYCLE	INITIATIVE	HOT WATER	FEDERAL BLDG.	HUD / R F G A	FEDERAL BLDG.	TEST SITES - NASA	DEV-OPERATIONAL	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	INSTRUMENTED SITES - S D A S	
	TEXAS																	
	• SHEPPARD AFB,	(4N)	X	X										X				
	• SHERMAN	GAUZE BLEACHING															X	

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NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS												
			TYPE		COMMERCIAL			RESIDENT	OTHER								
			HOT WATER	HEATING	COOLING	NSF	PON-CYCLE	HOT WATER INITIATIVE	FEDERAL WATER	HUD / R F G A	FEDERAL BLDG.	TEST SITES- NASA	DEV- OPERATIONAL	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	SITES - S D A S	INSTRUMENTED
	UTAH																
	•GRANGER	HOUSE (N)			X							X					
	•LOGAN	HOUSE (N)	X	X								X					
	•MIDVALE	HOTEL/MOTEL (N)	X	X				X-2									
	•LOGAN	INDUSTRIAL (R)		X				X-2								X	
	•SALT LAKE CITY	HOUSE (N)	X	X								X					
	•STANSBURY PARK	HOUSE (N)		X								X					

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NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS										
			TYPE		COMMERCIAL			RESIDENT.		OTHER					
			HOT WATER	HEATING	COOLING	NSF	PON:CYCLE	HOT WATER INITIATIVE	FEDERAL BLDG.	HUD / R F C A	FEDERAL BLDG.	DEV-OPERATIONAL TEST SITES-NASA	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	INSTRUMENTED SITES-SDA'S
	VIRGIN ISLANDS														
	•ST. JOHN	HOTEL/MOTEL (R)	X						X						
	•ST. THOMAS		X	X		X									X

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NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS											
			TYPE		COMMERCIAL			RESIDENT		OTHER						
			HOT WATER	HEATING	COOLING	NSF	PON:CYCLE	HOT WATER INITIATIVE	FEDERAL BLDG.	HUD / R F C A	FEDERAL BLDG.	TEST SITES - NASA	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	INSTRUMENTED SITES - S D A S	
	<u>VIRGINIA</u>															
	•ARLINGTON	AUDITORIUM(R)	X	X				X-3								
	•BERRYVILLE	HOUSE(N)	X	X	X						X					
	•BLACKSBURG	SWINE HOUSES		X	X									X		
	•CHARLOTTESVILLE	HOSPITAL(R)	X	X				X-2								
	•DUFFIELD	HOUSE(N)		X							X					
		HOUSES(2)	X	X	X								X			
	•DUMFRIES	HOUSE(N)		X							X					
	•FALLS CHURCH	MULTI-FAMILY (R)	X								X					X
	•FERRUM	APARTMENTS(R)	X	X							X					
	•FOREST	HOUSE(N)	X	X							X					
	•FREDERICKSBURG	HOUSE(N)	X	X							X					
	•HAMPTON	LABORATORY	X							X						
		HOTEL/MOTEL(R)	X						X							
	•HARRISONBURG	HOUSE	X	X	X									X		
	•IVY	HOUSES(2N)	X	X							X					

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NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS											
			TYPE		COMMERCIAL		RESIDENT		OTHER							
			HOT WATER	HEATING	COOLING	NSF	PON:CYCLE	HOT WATER INITIATIVE	FEDERAL BLDG.	HUD / R F G A	FEDERAL BLDG.	TEST SITES - NASA	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	SITES - S D A S	INSTRUMENTED
	VIRGINIA															
	•LEESBURG	SCHOOL(N)	X					X-1								
	•LOUISA	HOUSES(2N)	X	X							X					
	•LYNCHBURG	OFFICE(R)		X				X-1							X	
	•PORTSMOUTH	SCHOOL(N)	X	X				X-3								
		HOTEL/MOTEL(R)	X						X							
	•RICHMOND	LIBRARY(N)	X	X		X		X-3								
		HOUSE(N)	X	X							X					
	•SANDSTON	HOTEL/MOTEL(R)	X						X							
	•VIENNA	HOUSE(N)	X								X					
	•VIRGINIA BEACH	HOUSE(N)	X	X							X				X	
	•WARRENTON	SCHOOL(R)		X			X									
	•WICOMICO	HOUSES(2N)	X	X							X					
	•WILLIAMSBURG	HOUSE(N)	X	X							X					
	•WOODBIDGE	HOTEL/MOTEL(R)	X						X							

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NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM TYPE		PROGRAMS										
			HOT WATER	HEATING	COOLING	NSF	POND/CLE	HOT WATER INITIATIVE	FEDERAL BLDG.	HUD / R F C A	FEDERAL BLDG.	DEV-OPERATIONAL TEST SITES-NASA	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	INSTRUMENTED SITES-SDAS
	VERMONT														
	•BROOKLINE	APARTMENTS(N)	X	X							X				
	•BURLINGTON	MULTI-FAMILY (N)	X								X				X
	•MENDON	OFFICE(N)		X				X-2							
	•WAITSFIELD	HOUSE(N)	X	X							X				X
	•WOODSTOCK	HOTEL/MOTEL(R)	X						X						

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NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

			P R O G R A M S													
			S Y S T E M T Y P E			C O M M E R C I A L			R E S I D E N T		O T H E R					
			H O T W A T E R	H E A T I N G	C O O L I N G	N S F	P O N : C Y C L E	H O T W A T E R I N I T I A T I V E	F E D E R A L B L D G.	H U D / R F G A	F E D E R A L B L D G.	T E S T S I T E S - N A S A	D E V - O P E R A T I O N A L B L D G.	A G R I C U L T U R A L P R O C E S S	I N D U S T R I A L H E A T	I N S T R U M E N T E D S I T E S - S D A S
C O D E	S T A T E - C I T Y	A P P L I C A T I O N - N / R														
	WASHINGTON															
	•KIRKLAND	HOUSE(N)	X	X							X					X
	•PULLMAN	DRYING													X	
		FOOD PROCES- SING													X	
	•RICHLAND	OFFICE(N)	X	X	X		x-1									X
		CAFETERIA(R)	X							X						
	•SEATTLE	GREENHOUSES		X											X	
	•SPOKANE	YWCA	X	X										X		

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NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		P R O G R A M S														
			TYPE		COMMERCIAL			RESIDENT		O T H E R									
					HOT WATER	HEATING	COOLING	NSF	PON:CYCLE	HOT WATER INITIATIVE	FEDERAL WATER	HUD / R F G A	FEDERAL BLDG.	TEST SITES - NASA	DEV- OPERATIONAL	AGRICULTURAL	INDUSTRIAL	PROCESS HEAT	SITES - S D A S
	WEST VIRGINIA																		
	•BETHANY	CAFETERIA(R)	X	X					X-2										
	•BLUEFIELD	HOTEL/MOTEL(R)	X							X									
	•CHARLESTOWN	SCHOOL(N)		X	X	X													
	•CLARKSBURG	MULTI-FAMILY (R)	X										X						
	•INWOOD	HOUSE(N)	X	X									X						X
	•PHILIPPI	OFFICE(N)	X	X					X-3										

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NATIONAL SOLAR ENERGY DEMONSTRATION PROGRAM

CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS												
			TYPE		COMMERCIAL			RESIDENT		OTHER							
			HOT WATER	HEATING	COOLING	NSF	PON:CYCLE	HOT WATER INITIATIVE	FEDERAL WATER	HUD / R F G A	FEDERAL BLDG.	TEST SITES - NASA	DEV-OPERATIONAL	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	SITES - S D A S	INSTRUMENTED
	WISCONSIN																
	•BARABOO	HOUSE(N)	X	X							X						
	•CLEVELAND	SCHOOL(N)	X	X				x-3									
	•ELDORADO	HOUSE(N)	X	X							X						
	•FALL CREEK	APARTMENTS(R)	X								X						
	•GAY MILLS	INDUSTRIAL(R)		X				x-3									
	•HOWARDS GROVE	SCHOOL(N)		X				x-2									X
	•MADISON	FOOD PROCESS- ING												X			
	•MANITOWOC	HOUSE(N)		X							X						
	•MILWAUKEE	HOUSE(N)	X	X							X						X
		HOUSE(R)	X	X							X						
		COMMERCIAL	X	X										X			
	•OSCEOLA	HOUSE(N)	X	X							X						
	•RACINE	APARTMENTS(R)	X								X						
	•RICE LAKE	HOUSE(N)	X	X							X						X
	•SHEBOYGAN	HOUSE(N)	X	X							X						

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CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS												
			TYPE		COMMERCIAL				RESIDENT.	OTHER							
			HOT WATER	HEATING	COOLING	NSF	PON:CYCLE	HOT WATER INITIATIVE	FEDERAL BLDG.	HUD / R F G A	FEDERAL BLDG.	TEST SITES - NASA	DEV-OPERATIONAL	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	INSTRUMENTED SITES - S D A S	
	WISCONSIN																
	•SUMMITT	HOUSE(N)	X	X								X					
	•WESTBEND	OFFICE(N)		X				X-2									
	•WINNE CONNE	HOUSES(2N)	X	X								X					

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CODE	STATE - CITY	APPLICATION-N/R	SYSTEM		PROGRAMS													
			TYPE		COMMERCIAL			RESIDENT.	OTHER									
					HOT WATER	HEATING	COOLING	NSF	PON:CYCLE	HOT WATER INITIATIVE	FEDERAL BLDG.	HUD / R F C A	FEDERAL BLDG.	TEST SITES - NASA	DEV- OPERATIONAL	AGRICULTURAL	INDUSTRIAL PROCESS HEAT	SITES - S D A S
	WYOMING																	
	•CASPER	OFFICE(N)			X				x-2									X
	•GLENDO	PARK	X	X											X			
	•LARAMITE	HOUSE(N)	X	X									X					
		INDUSTRIÁL(N)		X					x-3									

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