

MONTHLY PROGRESS REPORT FOR CONTRACT NO. 500-22-036

PROJECT 3.3 – BUILDING INTEGRATED PV ON PUBLIC FACILITIES

REPORT PREPARED BY: COMMONWEALTH ENERGY TEAM

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What we planned to accomplish this period:

- Task 3.3.2: Continue developing Evaluation Tools.
- Task 3.3.4 a: Continue to make contacts from the database for the purpose of locating facilities.

What we actually accomplished this period:

Task 3.3.1a: Database of Public Sector Clients:

- Refined zip code area. Designated city names and the percentage within the substation boundary. Incorporated comments from RER and submitted deliverable for final approval.
- Gathered and appended 127 schools and school district contacts to database.
- Began searching CEC site for awarded construction bids for schools in San Bernardino County.
- Received city managers and public works director's mailing list from League of California Cities. Filtered down to 55 contacts and appended to Public Sector database.
- Installed Thomas Guide Metro Inland Empire Digital Edition software, researched, mapped and appended 94 Points of Interest to the database.
- Total number of records added in September = 182.

Task 3.3.1b: Database of BIPV Vendors and Service Providers

- Comments from RER were incorporated into the draft database submitted in August and the database was submitted for final approval.

Task 3.3.2 Develop Evaluation Tools:

- Existing software from national, state and local sources has been identified, screened and is being evaluated for use in developing the BIPV Evaluation Tools

Task 3.3.4a Select Demonstration Project Sites:

- Followed up with CALCOG leadership for connections to local government in Chino Basin
- Followed up with contacts to multiplier agencies such as SanBAG, LAFCO of San Bernardino County, and others
- Coordinated with REDI staff to follow up with local government leads (cities, counties, schools)
- Sent personalized letters with outreach materials in print and/or electronic form to contacts made
- Attended REDI staff meetings to coordinate efforts and assigned staff for making calls.
- Added daily updated information to PIER database
- Reviewed updated maps and information provided by PIER team
- Developed “call script”

How we are doing compared to our plan:

Task 3.3.1a: Final database has been submitted a little behind schedule as comments from RER needed to be incorporated into the final draft before submittal for CEC approval. Zip code range was further defined, mapped, and contacts continue to be added to the existing database.

Task 3.3.1b: Final database has been submitted a little behind schedule. More cross-checking was accomplished to make sure the BI-PV global market is fully accounted for and entered on the database. Comments from RER were incorporated into the final draft and has again been submitted for approval.

Task 3.3.2: Work continuing on track with developing the Evaluation Tools.

Task 3.3.4a: On track with plan. Target area was refined and staff has continued to follow-up with contacts made and to develop new leads.

Significant problems or changes:

No significant problems or changes were encountered during this reporting period. Current project progress and expenditures will result in project being completed on time and within budget.

What we expect to accomplish during the next period:

Task 3.3.2: Complete hands-on experimentation on the data logger to be able to send information remotely and to be able to mail information back to REDI. Compile inventory of existing evaluation tools identified and begin drafting a report outlining the proposed Evaluation Tools for the BIPV marketplace.

Task 3.3.4a: Continue making and following-up on contacts made and developing new leads. Work with Commonwealth and IEUA in developing an ownership model for deploying the first Public Sector BIPV system at one of IEUA’s facilities.

Status of Milestones and Deliverables:

Table 1 below summarizes the status of Project 3.3 task deliverables as of the end of the current reporting period.

Table 1: Summary of Project Status and Deliverables – Project 3.3

Task No.	Description	Task Start Date		Task Due Date		Status (%)
		Planned	Actual	Planned	Actual	
3.3.1.a	Compile Database of Public Sector Clients	6/20/2002	6/20/2002	7/20/2002	11/12/02	95%
3.3.1.b	Compile Database of BI-PV Equipment Vendors and Service Provider	6/20/2002	6/20/2002	7/20/2002	11/12/02	98%
3.3.2	Develop Evaluation Tools	8/19/02		12/19/2002		50%
3.3.4 a	Demonstration Site Selection Report	01/03/03	08/12/02	03/04/03		40%
3.3.6	Coordinate with RPAC	06/20/02		03/31/05		8%

Overall Schedule for Project 3.3:

Task Name	Duration	Start Date	End Date	Cost	2003				2004								
					Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3			
Project 3.3 - Building Integrated PV on Public Facilities Project	726 days	Thu 6/20/02	Thu 3/31/05	\$0.00													
Task 3.3.1.a - Compile Database of Public Sector Clients	45 days	Thu 6/20/02	Wed 8/21/02	\$5,000.00													
Task 3.3.1.b - Compile Database of BI-PV Equipment Vendo	45 days	Thu 6/20/02	Wed 8/21/02	\$5,000.00													
Task 3.3.2 - Develop Evaluation Tools	88 days	Mon 8/19/02	Thu 12/19/02	\$40,000.00													
Task 3.3.3 - Establish BI-PV Public Sector Loan Program	45 days	Mon 8/19/02	Fri 10/18/02	\$0.00													
Task 3.3.4 - Select Demonstration Project Sites	42 days	Mon 8/12/02	Tue 3/4/03	\$47,000.00													
Critical Project Review Meeting	15 days	Mon 2/17/03	Fri 3/7/03	\$15,000.00													
Task 3.3.4.b - Finance and Construct BI-PV Systems	168.5 days	Mon 3/10/03	Thu 10/30/03	\$510,605.00													
Task 3.3.4.b.1(1) - System No. 1: Design/ financing/perr	65 days	Mon 3/10/03	Fri 6/6/03	\$76,591.00													
Task 3.3.4.b.1(2) - System No. 1: Design/ financing/perr	1 day	Mon 3/10/03	Mon 3/10/03	\$0.00													
Task 3.3.4.b.1(3) - System No. 1: System Installation/pe	86 days	Thu 4/3/03	Fri 8/1/03	\$51,061.00													
Task 3.3.4.b.2(1) - System No. 2: Design/ financing/pern	65 days	Mon 3/10/03	Fri 6/6/03	\$76,591.00													
Task 3.3.4.b.2(2) - System No. 2: System Installation/pe	86 days	Thu 4/3/03	Fri 8/1/03	\$51,060.00													
Task 3.3.4.b.3(3) - System No. 3: Design/ financing/perr	64 days	Mon 5/5/03	Fri 8/1/03	\$76,591.00													
Task 3.3.4.b.3 - System No. 3: System Installation/perfc	86 days	Wed 7/2/03	Thu 10/30/03	\$51,060.00													
Task 3.3.4.b.4(1) - System No. 4: Design/ financing/perr	64 days	Mon 5/5/03	Fri 8/1/03	\$76,591.00													
Task 3.3.4.b.4(2) - System No. 4: System Installation/pe	86 days	Wed 7/2/03	Thu 10/30/03	\$51,060.00													
Task 3.3.4.c - PV System Monitoring	412 days	Thu 4/3/03	Mon 11/1/04	\$55,000.00													
Task 3.3.5 - Prepare Final Report for Project 3.3	130 days	Mon 8/2/04	Fri 1/28/05	\$50,000.00													
Task 3.3.6 - Coordinate with Renewables Project Advisory C	726 days	Thu 6/20/02	Thu 3/31/05	\$0.00													
Task 3.3.7.a - Evaluate Project #3.3: Draft Evaluation Report	44 days	Mon 11/1/04	Fri 12/31/04	\$80,065.00													
Task 3.3.7.b - Evaluate Project #3.3: Final Evaluation Report	21 days	Mon 1/31/05	Tue 3/1/05	\$20,016.00													

Overview of Fiscal status:

Table 2 below summarizes the fiscal status of Project 3.3 by task as of the end of the current reporting period.

Table 2: Fiscal Status By Task – Project 3.3

Task Number	Budget	Invoiced To-Date	Fiscal Status *
3.3.1a	REDI \$5,000	\$0	OT
3.3.1b	REDI \$5,000	\$0	OT
3.3.2	REDI \$40,000	\$0	OT
3.3.4 a	REDI \$47,000	\$0	OT

*Fiscal Status – Please indicate if you are “On Track” (OT), OverBudget (OB), or UnderBudget (UB)