

MONTHLY PROGRESS REPORT FOR CONTRACT NO. 500-00-036

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: Complete hands-on testing and experimentation with the selected data logger (to be able to send information remotely and back to REDI). Compile inventory of existing evaluation tools identified by the Project Team and begin drafting a report outlining the proposed Evaluation Tools for the BIPV marketplace.

Task 3.3.4a: Continue making new contacts and following-up on prior contacts made through REDI and Commonwealth Program Team activities 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.

What we actually accomplished this period:

Task 3.3.2: Developing Evaluation Tools

- Simplified the Commonwealth Mini-Grid BI-PV Site Assessment Software Tool (CM BI-PV SAS Tool) to be more "user-friendly",
- Inserted TMY2 data options in the evaluation software, to ensure the software is all-inclusive and did not need to rely on outside sources for hourly insolation data,
- Continued refining BIPV energy audit forms in the evaluation tools package. Utilized information regarding Energy Audits from the Pacific Energy Center and Southern California Edison, and
- Began writing up the Draft Public Facilities Test Plan

Task 3.3.4a: Select Demonstration Project Sites

- Followed up contacts made with BIPV Public Sector Clients and continued to make new contacts,

- Utilizing mapping software, Internet satellite photos and client site data to perform initial assessments of individual sites, and
- Clients identified so far include Inland Empire Utilities Agency (several sites), California Institute for Women, Riverside Community College in Norco, Ontario / Montclair School District (several new school projects), Chino Airport, Caltrans Maintenance station, Naval Weapons Center.

How we are doing compared to our plan:

Task 3.3.2: On track with the proposed plan. All of the deliverables for this task have been initiated and are proceeding smoothly.

Task 3.3.4a: On track with plan. Target area was refined and continued follow-up is taking place on contacts made and developing public agency leads. Site visits are scheduled for November to view public sector facilities and gather site load data.

Significant problems or changes:

Technical and/or Fiscal Problems:

- Invoice submitted the first half of August was not approved by Commonwealth and not submitted for payment to the CEC until the deliverable received further review.

What we expect to accomplish during the next period:

Task 3.3.2: Complete draft Public Facilities Test Plan, as well as the Project Development Guidelines. Continue to collect information regarding additional economic benefits of BI-PV applications and work them into software development. Complete the draft BI-PV energy audit guidelines.

Task 3.3.4a: Continue making and following-up on contacts made and developing new leads. Speak with Montclair / Ontario School District regarding BI-PV applications for their facilities. Contact all public agency facilities within the mini-grid study area to qualify them as potential candidates for BI-PV applications.

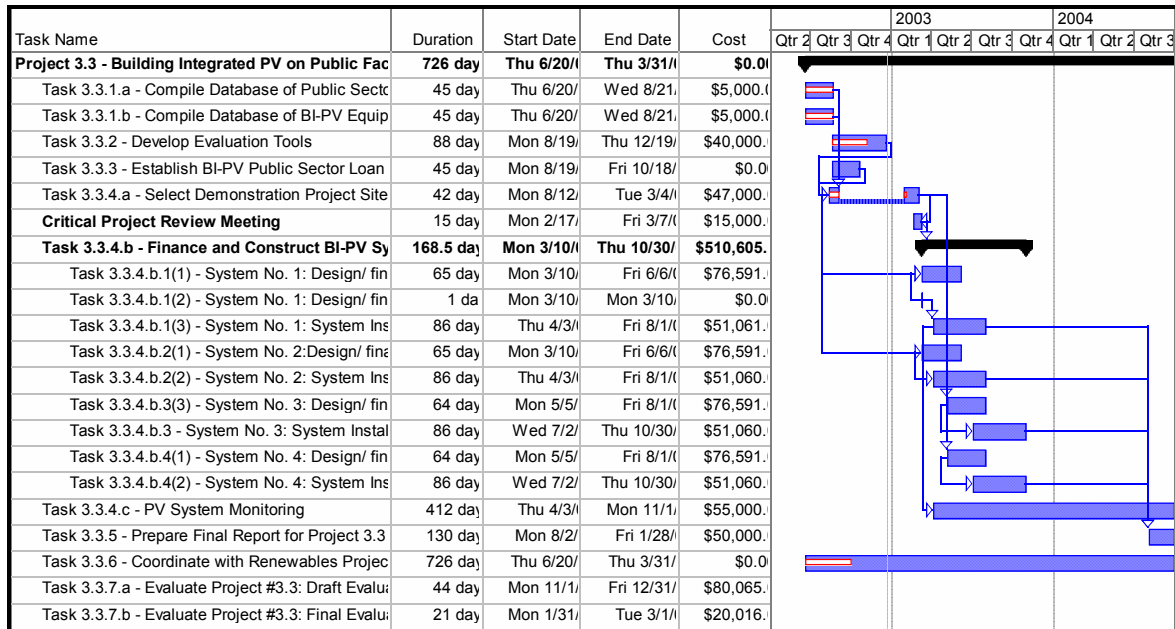
Status of Milestones and Deliverables:

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	08/06/02 08/21/02	95%
3.3.1.b	Compile Database of BI-PV Equipment Vendors and Service Provider	6/20/2002	6/20/2002	7/20/2002	08/06/02 08/21/02	95%
3.3.2	Develop Evaluation Tools	8/19/2002	8/19/2002	12/19/2002		65%
3.3.3	Develop BI-PV Public Sector Loan Program *	8/19/2002	N/A	10/20/2002	N/A	N/A
3.3.4a	Select Demonstration Project Sites	1/03/2003	7/25/2002	3/04/2003		40%
3.3.6	Coordinate with RPAC	06/20/02		03/31/05		10%

* Task 3.3.3 was deleted from the workscope prior to initiation of the Commonwealth Renewables Minigrid Program.

Overall Schedule for Project 3.3:



Overview of Fiscal Status – Project 3.3:

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
3.3.4a	REDI \$47,000	\$0	OT

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